

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
ALLOY	AL2U	2-Aluminum uranium	Al2U		291.98999
ALLOY	AL3TH	3-Aluminum thorium	Al3Th		312.982727
ALLOY	AL3TI	3-Aluminum titanium	Al3Ti		128.824615
ALLOY	AL3U	3-Aluminum uranium	Al3U		318.971527
ALLOY	AL4U	4-Aluminum uranium	Al4U		345.953064
ALLOY	ALSB	Aluminum antimony	AlSb		148.731537
ALLOY	ALTI	Aluminum titanium	AlTi		74.861542
ALLOY	ALTI3	Aluminum 3-titanium	AlTi3		170.621536
ALLOY	AUCD	Gold cadmium	AuCd		309.376495
ALLOY	AUCU	Gold copper	AuCu		260.512512
ALLOY	AUCU3	Gold 3-copper	AuC ₃		387.604492
ALLOY	AUSN	Gold tin	AuSn		315.676514
ALLOY	AUSN2	Gold 2-tin	AuSn ₂		434.386505
ALLOY	AUSN4	Gold 4-tin	AuSn ₄		671.806519
ALLOY	BA2SN	2-Barium tin	Ba ₂ Sn		393.369995
ALLOY	BI2U	2-Bismuth uranium	Bi ₂ U		655.987671
ALLOY	BI4U3	4-Bismuth 3-uranium	Bi ₄ U ₃		1550.002319
ALLOY	BIU	Bismuth uranium	BiU		447.007294
ALLOY	CA2PB	2-Calcium lead	Ca ₂ Pb		287.355988
ALLOY	CA2SI	2-Calcium silicon	Ca ₂ Si		108.241501
ALLOY	CA2SN	2-Calcium tin	Ca ₂ Sn		198.865997
ALLOY	CA3SB2	3-Calcium 2-antimony	Ca ₃ Sb ₂		363.734009
ALLOY	CAMG2	Calcium 2-magnesium	CaMg ₂		88.688004
ALLOY	CAPB	Calcium lead	CaPb		247.278
ALLOY	CASI	Calcium silicon	CaSi		68.163498
ALLOY	CASI2	Calcium 2-silicon	CaSi ₂		96.249001
ALLOY	CASN	Calcium tin	CaSn		158.787994
ALLOY	CAZN	Calcium zinc	CaZn		105.468002
ALLOY	CAZN2	Calcium 2-zinc	CaZn ₂		170.858002
ALLOY	CD11U	11-Cadmium uranium	Cd ₁₁ U		1474.536865
ALLOY	CD3AS2	3-Cadmium 2-arsenic	As ₂ Cd ₃		487.073212
ALLOY	CD3SB2	3-Cadmium 2-antimony	Cd ₃ Sb ₂		580.72998
ALLOY	CDAS2	Cadmium 2-arsenic	As ₂ Cd		262.253204
ALLOY	CDSB	Cadmium antimony	CdSb		234.160004
ALLOY	CEMG	CERAMICS-AEium(II) magnesium	CeMg		164.425003
ALLOY	CO2AS	2-Cobalt arsenic	AsCo ₂		192.787994
ALLOY	COAS	Cobalt arsenic	AsCo		133.854797
ALLOY	COAS2	Cobalt 2-arsenic	As ₂ Co		208.776398
ALLOY	COSB2	Cobalt 2-antimony	CoSb ₂		302.433197
ALLOY	COSB3	Cobalt 3-antimony	CoSb ₃		424.183197
ALLOY	COSB98	Cobalt 0.98-antimony	CoSb _{0.98}		178.248199
ALLOY	COSI	Cobalt silicon	CoSi		87.0187
ALLOY	COSI2	Cobalt 2-silicon	CoSi ₂		115.104202
ALLOY	COSN	Cobalt tin	CoSn		177.643204
ALLOY	CR3SI	3-Chromium silicon	Cr ₃ Si		184.073502
ALLOY	CR5SI3	5-Chromium 3-silicon	Cr ₅ Si ₃		344.236511
ALLOY	CRSB	Chromium antimony	CrSb		173.746002
ALLOY	CRSB2	Chromium 2-antimony	CrSb ₂		295.496002
ALLOY	CRSI	Chromium silicon	CrSi		80.081497
ALLOY	CRSI2	Chromium 2-silicon	CrSi ₂		108.167

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
ALLOY	CU2CD	2-Copper cadmium	Cu2Cd		239.501999
ALLOY	CU2MG	2-Copper 1-magnesium	Cu2Mg		151.397003
ALLOY	CU2SB	2-Copper antimony	Cu2Sb		248.841995
ALLOY	CU4CD3	4-Copper 3-cadmium	Cd3Cu4		591.414001
ALLOY	CUMG2	1-Copper 2-magnesium	CuMg2		112.155998
ALLOY	FE2AS	2-Iron arsenic	AsFe2		186.615601
ALLOY	FE2U	2-Iron uranium	Fe2U		349.720886
ALLOY	FE3SI	3-Iron silicon	Fe3Si		195.626495
ALLOY	FE5SI3	5-Iron 3-silicon	Fe5Si3		363.491486
ALLOY	FEAS	Iron arsenic	AsFe		130.7686
ALLOY	FEAS2	Iron 2-arsenic	As2Fe		205.690201
ALLOY	FESI	Iron silicon	FeSi		83.932503
ALLOY	FESI2	Iron 2-silicon	FeSi2		112.017998
ALLOY	FESI233	Iron 2.33-silicon	FeSi2.33		121.286209
ALLOY	FESI243	Iron 2.43-silicon	FeSi2.43		124.094765
ALLOY	FETI	Iron titanium	FeTi		103.726997
ALLOY	GASB	Gallium antimony	GaSb		191.473007
ALLOY	GEIIION	Germanium(II) ion(+2)	Ge+2		72.589996
ALLOY	INSB	Indium antimony	InSb		236.570007
ALLOY	LAMG	Lanthanum magnesium	LaMg		163.210495
ALLOY	MG2GE	2-Magnesium germanium	GeMg2		121.199997
ALLOY	MG2PB	2-Magnesium lead	Mg2Pb		255.809998
ALLOY	MG2SI	2-Magnesium silicon	Mg2Si		76.695503
ALLOY	MG2SN	Magnesium 2-tin	Mg2Sn		167.320007
ALLOY	MGCD	Magnesium cadmium	CdMg		136.714996
ALLOY	MGCU2	Magnesium 2-copper	Cu2Mg		151.397003
ALLOY	MGNI2	Magnesium 2-nickel	MgNi2		141.645004
ALLOY	MGZN2	Magnesium 2-zinc	MgZn2		155.085007
ALLOY	MN2SB	2-Manganese antimony	Mn2Sb		231.626007
ALLOY	MN3SI	3-Manganese silicon	Mn3Si		192.899506
ALLOY	MN5GE3	5-Manganese 3-germanium	Ge3Mn5		492.459991
ALLOY	MN5SI3	5-Manganese 3-silicon	Mn5Si3		358.946503
ALLOY	MNAS	Manganese arsenic	AsMn		129.859604
ALLOY	MNSB	Manganese antimony	MnSb		176.688004
ALLOY	MNSI	Manganese silicon	MnSi		83.023499
ALLOY	MNSI170	Manganese 1.7-silicon	MnSi1.7		102.68335
ALLOY	MNSN2	Manganese 2-tin	MnSn2		292.358002
ALLOY	MO3SI	3-Molybdenum silicon	Mo3Si		315.905487
ALLOY	MO5SI3	5-Molybdenum 3-silicon	Mo5Si3		563.956482
ALLOY	MOSI2	Molybdenum 2-silicon	MoSi2		152.110992
ALLOY	NI104SI193	1.04-Nickel 1.93-silicon	Ni1.04Si1.93		115.221809
ALLOY	NI3SN	3-Nickel tin	Ni3Sn		294.720001
ALLOY	NI3SN2	3-Nickel 2-tin	Ni3Sn2		413.429993
ALLOY	NI3TI	3-Nickel titanium	Ni3Ti		223.889999
ALLOY	NI7SI13	7-Nickel 13-silicon	Ni7Si13		775.801514
ALLOY	NISB	Nickel antimony	NiSb		180.419998
ALLOY	NISI	Nickel silicon	NiSi		86.755501
ALLOY	NITI	Nickel titanium	NiTi		106.550003
ALLOY	NITI2	Nickel 2-titanium	NiTi2		154.429993
ALLOY	PTAS2	Platinum 2-arsenic	As2Pt		344.923187

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
ALLOY	RE5SI3	5-Rhenium 3-silicon	Re5Si3		1015.291504
ALLOY	RESI	Rhenium silicon	ReSi		214.292496
ALLOY	RESI2	Rhenium 2-silicon	ReSi2		242.378006
ALLOY	S20100	0.19-Chromium 0.04-nickel 0.07-manganese 0.7-iron	Cr0.19Ni0.04Mn0.07Fe0.7		55.1646
ALLOY	S20200	0.21-Chromium 0.05-nickel 0.09-manganese 0.65-iron	Cr0.21Ni0.05Mn0.09Fe0.65		55.09763
ALLOY	S20500	0.21-Chromium 0.01-nickel 0.15-manganese 0.63-iron	Cr0.21Ni0.01Mn0.15Fe0.63		54.930168
ALLOY	S30100	0.18-Chromium 0.07-nickel 0.75-iron	Cr0.18Ni0.07Fe0.75		55.351429
ALLOY	S30200	0.19-Chromium 0.08-nickel 0.73-iron	Cr0.19Ni0.08Fe0.73		55.341152
ALLOY	S30403	0.2-Chromium 0.09-nickel 0.71-iron	Cr0.2Ni0.09Fe0.71		55.330868
ALLOY	S30500	0.19-Chromium 0.11-nickel 0.7-iron	Cr0.19Ni0.11Fe0.7		55.425838
ALLOY	S30800	0.21-Chromium 0.1-nickel 0.69-iron	Cr0.21Ni0.1Fe0.69		55.320591
ALLOY	S31600	0.18-Chromium 0.11-nickel 0.01-molybdenum 0.7-iron	Cr0.18Ni0.11Mo0.01Fe0.7		55.86528
ALLOY	S32100	0.19-Chromium 0.1-nickel 0.71-iron	Cr0.19Ni0.1Fe0.71		55.39761
ALLOY	S40900	0.11-Chromium 0.89-iron	Cr0.11Fe0.89		55.423389
ALLOY	S41000	0.13-Chromium 0.87-iron	Cr0.13Fe0.87		55.346371
ALLOY	S41400	0.13-Chromium 0.02-nickel 0.85-iron	Cr0.13Ni0.02Fe0.85		55.402832
ALLOY	S43000	0.18-Chromium 0.82-iron	Cr0.18Fe0.82		55.15382
ALLOY	S43900	0.19-Chromium 0.01-nickel 0.8-iron	Cr0.19Ni0.01Fe0.8		55.143539
ALLOY	SBZN	Antimony zinc	SbZn		187.139999
ALLOY	SI2TH	2-Silicon thorium	Si2Th		288.209106
ALLOY	SI2TH3	2-Silicon 3-thorium	Si2Th3		752.285278
ALLOY	SI2TI	2-Silicon titanium	Si2Ti		104.051003
ALLOY	SI2U	2-Silicon uranium	Si2U		294.197906
ALLOY	SI2U3	2-Silicon 3-uranium	Si2U3		770.251709
ALLOY	SI2V	2-Silicon vanadium	Si2V		107.112503
ALLOY	SI2W	2-Silicon tungsten	Si2W		240.020996
ALLOY	SI2ZR	2-Silicon zirconium	Si2Zr		147.395004
ALLOY	SI3TI5	3-Silicon 5-titanium	Si3TI5		323.656494
ALLOY	SI3U	3-Silicon uranium	Si3U		322.283386
ALLOY	SI3V5	3-Silicon 5-vanadium	Si3V5		338.963989
ALLOY	SI3W5	3-Silicon 5-tungsten	Si3W5		1003.50647
ALLOY	SI3ZR5	3-Silicon 5-zirconium	Si3ZR5		540.376526
ALLOY	SI5TH3	5-Silicon 3-thorium	Si5Th3		836.541809
ALLOY	SI5U3	5-Silicon 3-uranium	Si5U3		854.508179
ALLOY	SITH	Silicon thorium	SiTh		260.123596
ALLOY	SITI	Silicon titanium	SiTi		75.9655
ALLOY	SIU	Silicon uranium	SiU		266.112396
ALLOY	SIU3	Silicon 3-uranium	SiU3		742.166199
ALLOY	SIV3	Silicon 3-vanadium	SiV3		180.910004
ALLOY	SIZR	Silicon zirconium	SiZr		119.309502
ALLOY	SIZR2	Silicon 2-zirconium	SiZr2		210.533493
ALLOY	ZN3AS2	3-Zinc 2-arsenic	As2Zn3		346.013214
ALLOY	ZNAS2	Zinc 2-arsenic	As2Zn		215.2332
ALLOY	ZRZN2	Zirconium 2-zinc	Zn2Zr		222.003998
ALLOY	ZRZN3	Zirconium 3-zinc	Zn3Zr		287.394012
CERAMICS-AE	ANATASE	Titanium(IV) oxide (anatase)	O2Ti	13463-67-7	79.878799
CERAMICS-AE	BANO32	Barium nitrate	BaN2O6	10022-31-8	261.339813
CERAMICS-AE	BATIO3	Barium titanium trioxide	BaO3Ti	12047-27-7	233.208206
CERAMICS-AE	BI2O3	Bismuth oxide	Bi2O3	1304-76-3	465.959015
CERAMICS-AE	BI4TI3O12	Tetrabismuth trititanium dodecaoxide	Bi4O12Ti3		1171.554443

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CERAMICS-AE	BINO33.5H2O	Bismuth(III) nitrate pentahydrate	BiH10N3O14		485.071808
CERAMICS-AE	HPBO2ION	Hydrogen dioxylead ion(-1)	HO2Pb-1		240.206772
CERAMICS-AE	HTIIVO3ION	Hydrogen titanate ion(-1)	HO3Ti-1		96.886169
CERAMICS-AE	KBT	Potassium bismuth titanate	Bi0.5K0.5O3Ti		219.917557
CERAMICS-AE	KOH	Potassium hydroxide	HKO	1310-58-3	56.105671
CERAMICS-AE	ME4NION	Tetramethylammonium ion(+1)	C4H12N+1		74.146744
CERAMICS-AE	ME4NOH	Tetramethylammonium hydroxide	C4H13NO		91.154114
CERAMICS-AE	ME4NOH.5H2O	Tetramethylammonium hydroxide pentahydrate	C4H23NO6		181.230804
CERAMICS-AE	NBT	Sodium bismuth titanate	Bi0.5Na0.5O3Ti		211.863388
CERAMICS-AE	NO3ION	Nitrate ion(-1)	NO3-1		62.004902
CERAMICS-AE	PB2OHION	Dilead hydroxide ion(+3)	HOPb2+3		431.407379
CERAMICS-AE	PBACET2	Lead(II) acetate	C4H6O4Pb	301-04-2	325.289825
CERAMICS-AE	PBACETION	Lead(II) monoacetate ion(+1)	C2H3O2Pb+1		266.244904
CERAMICS-AE	PBION	Lead(II) ion(+2)	Pb+2		207.199997
CERAMICS-AE	PBNO32	Lead(II) nitrate	N2O6Pb	10099-74-8	331.209808
CERAMICS-AE	PBNO33ION	Lead(II) trinitrate ion(-1)	N3O9Pb-1		393.214691
CERAMICS-AE	PBNO3ION	Lead(II) mononitrate ion(+1)	NO3Pb+1		269.204895
CERAMICS-AE	PBO	Lead(II) oxide	OPb	1317-36-8	223.199402
CERAMICS-AE	PBOH2	Lead(II) hydroxide	H2O2Pb		241.214737
CERAMICS-AE	PBOHION	Lead(II) monohydroxide ion(+1)	HOPb+1		224.207367
CERAMICS-AE	PBOR	Litharge	OPb	1317-36-8	223.199402
CERAMICS-AE	PBTIO3	Lead titanate	O3PbTi		303.078186
CERAMICS-AE	PBZRO3	Lead zirconate	O3PbZr		346.422211
CERAMICS-AE	PZT30	Lead 0.3-zirconium 0.7-titanium trioxide	O3PbTi0.7Zr0.3		316.08139
CERAMICS-AE	PZT60	Lead 0.6-zirconium 0.4-titanium trioxide	O3PbTi0.4Zr0.6		329.084595
CERAMICS-AE	PZT65	Lead 0.65-zirconium 0.35-titanium trioxide	O3PbTi0.35Zr0.65		331.251801
CERAMICS-AE	PZT70	Lead 0.7-zirconium 0.3-titanium trioxide	O3PbTi0.3Zr0.7		333.419006
CERAMICS-AE	PZT75	Lead 0.75-zirconium 0.25-titanium trioxide	O3PbTi0.25Zr0.75		335.586212
CERAMICS-AE	PZTV	Lead 0.52-zirconium 0.48-titanium trioxide	O3PbTi0.48Zr0.52		325.617065
CERAMICS-AE	RUTILE	Titanium(IV) oxide (rutile)	O2Ti	13463-67-7	79.878799
CERAMICS-AE	SR2TIO4	Distrontium titanate	O4Sr2Ti		287.117615
CERAMICS-AE	SRCO3	Strontium carbonate	CO3Sr	1633-05-2	147.629303
CERAMICS-AE	SRNO32	Strontium nitrate	N2O6Sr	10042-76-9	211.629807
CERAMICS-AE	SRO	Strontium oxide	OSr	1314-11-0	103.6194
CERAMICS-AE	SROHION	Strontium monohydroxide ion(+1)	HOSr+1		104.627373
CERAMICS-AE	SRTIO3	Strontium titanate	O3SrTi		183.498199
CERAMICS-AE	SRZRO3	Strontium zirconate	O3SrZr		226.842194
CERAMICS-AE	TIIVION	Titanium ion(+4)	Ti+4		47.880001
CERAMICS-AE	TIIVOH2ION	Titanium(IV) dihydroxide ion(+2)	H2O2Ti+2		81.894737
CERAMICS-AE	TIIVOH3ION	Titanium(IV) trihydroxide ion(+1)	H3O3Ti+1		98.902107
CERAMICS-AE	TIIVOH4	Titanium(IV) hydroxide	H4O4Ti		115.909477
CERAMICS-AE	TIIVOHION	Titanium(IV) monohydroxide ion(+3)	HOTi+3		64.887367
CERAMICS-AE	ZRION	Zirconium ion(+4)	Zr+4		91.223999
CERAMICS-AE	ZRO2	Zirconium oxide	O2Zr	1314-23-4	123.222801
CERAMICS-AE	ZROH2ION	Zirconium dihydroxide ion(+2)	H2O2Zr+2		125.238739
CERAMICS-AE	ZROH3ION	Zirconium trihydroxide ion(+1)	H3O3Zr+1		142.246109
CERAMICS-AE	ZROH4	Zirconium hydroxide	H4O4Zr		159.253479
CERAMICS-AE	ZROH5ION	Zirconium pentahydroxide ion(-1)	H5O5Zr-1		176.260849
CERAMICS-AE	ZROHION	Zirconium monohydroxide ion(+3)	HOZr+3		108.231369
CORROSION-AE	AFWILLITE	Tricalcium disilicon tetraoxide hexahydroxide	Ca3H6O10Si2		342.446808

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	AGCLO3	Silver chlorate	AgClO3	7783-92-8	191.319397
CORROSION-AE	AGCLO4	Silver perchlorate	AgClO4	7783-93-9	207.318802
CORROSION-AE	AGIIION	Silver ion(+2)	Ag+2		107.868202
CORROSION-AE	AGO	Silver(II) oxide	AgO	1301-96-8	123.867599
CORROSION-AE	AGSCN	Silver thiocyanate	AgCNS		165.951996
CORROSION-AE	AGSCN2ION	Silver dithiocyanate ion(-1)	AgC2N2S2-1		224.035797
CORROSION-AE	AGSCN3ION	Silver trithiocyanate ion(-2)	AgC3N3S3-2		282.119598
CORROSION-AE	AGSCN4ION	Silver tetrathiocyanate ion(-3)	AgC4N4S4-3		340.2034
CORROSION-AE	AL2O3	Aluminum oxide	Al2O3	1344-28-1	101.961281
CORROSION-AE	ALBITEHIGH	Sodium aluminum trisilicon octaoxide (high albite)	AlNaO8Si3		262.223206
CORROSION-AE	ALBITELOWTEMP	Sodium aluminum trisilicon octaoxide (LOWTEMP albite)	AlNaO8Si3		262.223206
CORROSION-AE	ALCLO43	Aluminum perchlorate	AlCl3O12		325.333344
CORROSION-AE	ALN	Aluminium nitride	AlN	24304-00-5	40.988239
CORROSION-AE	AMESITE14A	Tetramagnesium tetraaluminum disilicon decaoxide octahydroxide	Al4H8Mg4O18Si2		557.370117
CORROSION-AE	ARAGONITE	Calcium carbonate (aragonite)	CCaO3	471-34-1	100.087303
CORROSION-AE	ASI3	Arsenic(III) iodide	AsI3	7784-45-4	455.636597
CORROSION-AE	AU2O3	Gold(III) oxide	Au2O3	1303-58-8	441.931213
CORROSION-AE	BA2FEIICN6	Barium hexacyanoferrate(II)	Ba2C6FeN6		486.6138
CORROSION-AE	BABRO32	Barium bromate	BaBr2O6	13967-90-3	393.134399
CORROSION-AE	BACLO42	Barium perchlorate	BaCl2O8	13465-95-7	336.231201
CORROSION-AE	BAO	Barium oxide	BaO	1304-28-5	153.329407
CORROSION-AE	BAS2O3	Barium thiosulfate	BaO3S2	35112-53-9	249.460205
CORROSION-AE	BASSANITE	Calcium sulfate hemihydrate	CaHO4.5S		145.149277
CORROSION-AE	BE2O3H2	Diberyllium oxide dihydroxide	Be2H2O3		68.038506
CORROSION-AE	BEC2O4	Beryllium oxalate	BeC2O4		97.031982
CORROSION-AE	BECL2	Beryllium dichloride	BeCl2	7787-47-5	79.918182
CORROSION-AE	BECLO42	Beryllium perchlorate	BeCl2O8		207.913376
CORROSION-AE	BEIDELLITCA	0.165-Calcium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33Ca0.165H2O12Si3.67		366.562378
CORROSION-AE	BEIDELLITCS	0.33-Cesium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33Cs0.33H2O12Si3.67		403.808289
CORROSION-AE	BEIDELLITEH	2.33-Aluminum-3.67-silicon-0.33-hydrogen decaoxide dihydroxide	Al2.33H2.33O12Si3.67		360.282135
CORROSION-AE	BEIDELLITEK	0.33-Potassium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33H2K0.33O12Si3.67		372.851959
CORROSION-AE	BEIDELLITMG	0.165-Magnesium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33H2Mg0.165O12Si3.67		363.959839
CORROSION-AE	BEIDELLITNA	0.33-Sodium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33H2Na0.33O12Si3.67		367.536194
CORROSION-AE	BEO	Beryllium oxide	BeO	1304-56-9	25.011581
CORROSION-AE	BEOH2A	Beryllium hydroxide (alpha)	BeH2O2	13327-32-7	43.02692
CORROSION-AE	BEOH2B	Beryllium hydroxide (beta)	BeH2O2	13327-32-7	43.02692
CORROSION-AE	BESO4	Beryllium sulfate	BeO4S		105.075783
CORROSION-AE	BI2O3	Bismuth oxide	Bi2O3	1304-76-3	465.959015
CORROSION-AE	BIOCL	Bismuth(III) oxide chloride	BiClO	7787-59-9	260.4328
CORROSION-AE	CA2B2O5	Dicalcium diboron pentaoxide	B2Ca2O5		181.773056
CORROSION-AE	CA2FE2O5	Dicalcium diiron pentaoxide	Ca2Fe2O5		271.846985
CORROSION-AE	CA2FEIICN6	Calcium ferrocyanide(II)	C6Ca2FeN6		292.109802
CORROSION-AE	CA3AL2O6	Tricalcium dialuminum hexaoxide	Al2Ca3O6		270.193481
CORROSION-AE	CA3FECN62	Calcium ferricyanide(III)	C12Ca3Fe2N12		544.141602
CORROSION-AE	CA4AL2FE2O1	Tetracalcium dialuminum diiron decaoxide	Al2Ca4Fe2O10		485.963074
CORROSION-AE	CAAL2O4	Calcium dialuminum tetraoxide	Al2CaO4		158.038681
CORROSION-AE	CAB2O4	Calcium diboron tetraoxide	B2CaO4		125.695663
CORROSION-AE	CAB4O7	Calcium tetraboron heptaoxide	B4CaO7	12007-56-6	195.313919
CORROSION-AE	CACLO42	Calcium perchlorate	CaCl2O8		238.979202
CORROSION-AE	CACO3.H2O	Calcium carbonate monohydrate	CaCH2O4		118.102638

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	CAFE2O4	Calcium diiron tetraoxide	CaFe2O4		215.769608
CORROSION-AE	CAFEIICN6ION	Calcium hexacyanoferric(II) ion(-2)	C6CaFeN6-2		252.031799
CORROSION-AE	CAFEIICN6ION	Calcium hexacyanoferric(III) ion(-1)	C6CaFeN6-1		252.031799
CORROSION-AE	CAO	Calcium oxide	CaO	1305-78-8	56.0774
CORROSION-AE	CAS2O3	Calcium thiosulfate	CaO3S2	10124-41-1	152.208206
CORROSION-AE	CDBR2	Cadmium bromide	Br2Cd	7789-42-6	272.217987
CORROSION-AE	CDBR2.4H2O	Cadmium bromide tetrahydrate	Br2CdH8O4		344.279358
CORROSION-AE	CDCLO42	Cadmium perchlorate	CdCl2O8		311.311188
CORROSION-AE	CDO	Cadmium oxide	CdO	1306-19-0	128.409393
CORROSION-AE	CDSCN2	Cadmium thiocyanate	C2CdN2S2		228.577606
CORROSION-AE	CDSCN3ION	Cadmium trithiocyanate ion(-1)	C3CdN3S3-1		286.661407
CORROSION-AE	CDSCN4ION	Cadmium tetrathiocyanate ion(-2)	C4CdN4S4-2		344.745209
CORROSION-AE	CDSCNION	Cadmium monothiocyanate ion(+1)	CCdNS+1		170.493805
CORROSION-AE	CDSO4.2.6H2O	Cadmium sulfate 2.6 hydrate	CdH5.2O6.6S		255.313477
CORROSION-AE	CHRYYSOTILE	Trimagnesium disilicon pentaoxide tetrahydroxide (monoclinic)	H4Mg3O9Si2		277.112488
CORROSION-AE	CO3N	Tricobalt nitride	Co3N		190.806305
CORROSION-AE	CO3O4	Tricobalt tetraoxide	Co3O4	1308-06-1	240.797195
CORROSION-AE	COIIIOH3	Cobalt(III) hydroxide	CoH3O3	21041-93-0	109.955307
CORROSION-AE	COIISCN2	Cobalt(II) thiocyanate	C2CoN2S2		175.1008
CORROSION-AE	COIISCNION	Cobalt(II) monocyanoide ion(+1)	CCoNS+1		117.016998
CORROSION-AE	COIISO4	Cobalt(II) sulfate	CoO4S	10124-43-3	154.996796
CORROSION-AE	COIISO4.1H2O	Cobalt(II) sulfate monohydrate	CoH2O5S		173.012146
CORROSION-AE	COIISO4.6H2O	Cobalt(II) sulfate hexahydrate	CoH12O10S		263.088837
CORROSION-AE	COIISO4.7H2O	Cobalt(II) sulfate heptahydrate	CoH14O11S		281.104187
CORROSION-AE	COO	Cobalt(II) oxide	CoO	1307-96-6	74.932602
CORROSION-AE	CORROSION-AEDIERHYD	Dimagnesium tetraaluminum pentasilicon octadecaoxide monohydrate	Al4H2Mg2O19Si5		602.968201
CORROSION-AE	CR2O3	Chromium(III) oxide	Cr2O3	1308-38-9	151.990204
CORROSION-AE	CR2SO4.14H2O	Chromium(III) sulfate tetradecahydrate	Cr2H28O26S3		644.397583
CORROSION-AE	CR2SO4.16H2O	Chromium(III) sulfate hexadecahydrate	Cr2H32O28S3		680.428223
CORROSION-AE	CRCLO43	Chromium(III) perchlorate	Cl3CrO12		350.347809
CORROSION-AE	CRIBR2	Chromium(II) bromide	CrBr2	10049-25-9	211.804001
CORROSION-AE	CRIBR3	Chromium(III) bromide	CrBr3	10031-25-1	291.708008
CORROSION-AE	CRO2	Chromium(IV) oxide	CrO2	12018-01-8	83.994797
CORROSION-AE	CRO3	Chromium(VI) trioxide	CrO3	1333-82-0	99.994202
CORROSION-AE	CS2O	Cesium oxide	Cs2O		281.810211
CORROSION-AE	CSBRO3	Cesium bromate	BrCsO3		260.807587
CORROSION-AE	CSCLO3	Cesium chlorate	ClCsO3		216.356598
CORROSION-AE	CSCLO4	Cesium perchlorate	ClCsO4		232.356003
CORROSION-AE	CSIO3	Cesium iodate	CsIO3		307.808594
CORROSION-AE	CU2OH2CO3	Dicopper dihydroxide carbonate	CCu2H2O5	12069-69-1	221.116043
CORROSION-AE	CU3ASO42	Copper(II) arsenate	As2Cu3O8		468.47641
CORROSION-AE	CU3OH2CO32	Tricopper dihydroxide dicarbonate	C2Cu3H2O8		344.671326
CORROSION-AE	CU5FEIIS4	Pentacopper(I) iron(III) tetrasulfide	Cu5FeS4		501.841003
CORROSION-AE	CUCLO42	Copper(II) perchlorate	Cl2CuO8	13770-18-8	262.447205
CORROSION-AE	CUFEIIS2	Copper(II) iron(II) disulfide	CuFeS2	1308-56-1	183.524994
CORROSION-AE	CUO	Copper(II) oxide	CuO	1317-38-0	79.545403
CORROSION-AE	CUSCN2	Copper(II) thiocyanate	C2CuN2S2		179.713593
CORROSION-AE	CUSCN3ION	Copper(II) trithiocyanate ion(-1)	C3CuN3S3-1		237.797394
CORROSION-AE	CUSCN4ION	Copper(II) tetrathiocyanate ion(-2)	C4CuN4S4-2		295.881195

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	CUSCNION	Copper(II) monothiocyanate ion(+1)	CCuNS+1		121.629799
CORROSION-AE	DIASPORE	Aluminum oxide hydroxide (diaspore)	AlHO2		59.988312
CORROSION-AE	DY2O3	Dysprosium oxide	Dy2O3		372.998199
CORROSION-AE	DYCLO43	Dysprosium perchlorate	Cl3DyO12		460.851807
CORROSION-AE	DYNO33	Dysprosium(III) nitrate	DyN3O9		348.514709
CORROSION-AE	ERCLO43	Erbium perchlorate	Cl3ErO12		465.611786
CORROSION-AE	ERNO33	Erbium(III) nitrate	ErN3O9		353.274689
CORROSION-AE	ETTRINGITE	Hexacalcium dialuminum dodecahydroxide trisulfate hexacosahydrate	Al2Ca6H64O50S3		1255.109131
CORROSION-AE	EU2O3	Europium oxide	Eu2O3		351.918213
CORROSION-AE	EU2O3C	Europium oxide (cubic)	Eu2O3		351.918213
CORROSION-AE	EUCLO43	Europium perchlorate	Cl3EuO12		450.311798
CORROSION-AE	EYB2O3	Ytterbium oxide	O3Yb2		394.078186
CORROSION-AE	EYBCL043	Ytterbium perchlorate	Cl3O12Yb		471.391815
CORROSION-AE	EYOH3	Yttrium hydroxide	H3O3Y		139.928009
CORROSION-AE	FE4FECN63	Iron(III) hexacyanoferrate(II)	C18Fe7N18	14038-43-8	859.24939
CORROSION-AE	FEASS	Arsenopyrite	AsFeS		162.834595
CORROSION-AE	FECL043	Iron(III) perchlorate	Cl3FeO12		354.198792
CORROSION-AE	FECR2O4	Dichromium iron tetraoxide	Cr2FeO4		223.836594
CORROSION-AE	FEHSION	Iron(II) hydrogen sulfide ion(+1)	HFeS+1		88.920967
CORROSION-AE	FEIICN6ION	Iron(II) hexacyanide ion(-4)	C6FeN6-4		211.953796
CORROSION-AE	FEIII2O3	Iron(III) oxide	Fe2O3	1309-37-1	159.6922
CORROSION-AE	FEIIIBR3	Iron(III) bromide	Br3Fe	10031-26-2	295.55899
CORROSION-AE	FEIIICN6ION	Iron(III) hexacyanide ion(-3)	C6FeN6-3		211.953796
CORROSION-AE	FEIIISCN2ION	Iron(III) dithiocyanate ion(+1)	C2FeN2S2+1		172.014603
CORROSION-AE	FEIIISCN3	Iron(III) thiocyanate	C3FeN3S3		230.098404
CORROSION-AE	FEIIISCNION	Iron(III) monothiocyanate ion(+2)	CFeNS+2		113.930801
CORROSION-AE	FEMOO4	Iron(II) molybdate(VI)	FeMoO4		215.784607
CORROSION-AE	FEO	Iron(II) oxide	FeO	1345-25-1	71.846397
CORROSION-AE	FEO4ION	Iron(VI) tetraoxide ion(-2)	FeO4-2		119.844597
CORROSION-AE	FEOOH	Iron(III) oxide hydroxide	FeHO2	20344-49-4	88.853767
CORROSION-AE	FESAMORPH	Iron(II) sulfide (amorphous)	FeS		87.913002
CORROSION-AE	FOSPHAGITE	Tetracalcium trisilicon nonaoxide dihydroxide hemihydrate	Ca4H3O11.5Si3		431.58551
CORROSION-AE	GA2O3	Gallium(III) oxide	Ga2O3		187.444199
CORROSION-AE	GD2O3	Gadolinium oxide	Gd2O3		362.498199
CORROSION-AE	GDCL043	Gadolinium perchlorate	Cl3GdO12		455.601807
CORROSION-AE	GDNO33	Gadolinium(III) nitrate	GdN3O9		343.264709
CORROSION-AE	GEEL	Germanium	Ge	7440-56-4	72.589996
CORROSION-AE	GEHLENITE	Dicalcium dialuminum silicon heptaoxide	Al2Ca2O7Si		274.200378
CORROSION-AE	GEIIION	Germanium(II) ion(+2)	Ge+2		72.589996
CORROSION-AE	GEION	Germanium(IV) ion(+4)	Ge+4		72.589996
CORROSION-AE	GEOCHEM	Germanium(II) oxide	GEOCHEM		88.589401
CORROSION-AE	GEOCHEM2	Germanium(IV) oxide (tetragonal)	GEOCHEM2	1310-53-8	104.588799
CORROSION-AE	GEOCHEM2AM	Germanium(IV) oxide (amorphous)	GEOCHEM2	1310-53-8	104.588799
CORROSION-AE	GEOCHEM2QT	Germanium(IV) oxide (hexagonal, quartz type)	GEOCHEM2	1310-53-8	104.588799
CORROSION-AE	GEOCHEMH2ION	Germanium(IV) dihydroxide ion(+2)	GeH2O2+2		106.604736
CORROSION-AE	GEOCHEMH3ION	Germanium(IV) trihydroxide ion(+1)	GeH3O3+1		123.612106
CORROSION-AE	GEOCHEMH4	Germanium(IV) hydroxide	GeH4O4		140.619476
CORROSION-AE	GEOCHEMH5ION	Germanium(IV) pentahydroxide ion(-1)	GeH5O5-1		157.626846
CORROSION-AE	GEOCHEMH6ION	Germanium(IV) hexahydroxide ion(-2)	GeH6O6-2		174.634216
CORROSION-AE	GEOCHEMHION	Germanium(IV) hydroxide ion(+3)	GEOCHEMH+3		89.597366

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	GREENALITE	Triiron disilicon pentaoxide tetrahydroxide	Fe3H4O9Si2		371.738495
CORROSION-AE	GREIGITE	Triiron tetrasulfide	Fe3S4		295.804993
CORROSION-AE	GROSSULAR	Tricalcium dialuminum trisilicon dodecaoxide	Al2Ca3O12Si3		450.446381
CORROSION-AE	GUANIDINE	Aminomethanamide	CH5N3	113-00-8	59.071049
CORROSION-AE	GYROLITE	Dicalcium trisilicon heptaoxide dihydroxide-1.5-water	Ca2H5O10.5Si3		337.446045
CORROSION-AE	H2FEIICN6ION	Dihydrogen ferrocyanide ion(-2)	C6FeH2N6-2		213.969742
CORROSION-AE	H2FEO4	Hydrogen iron(VI) tetraoxide	FeH2O4		121.860542
CORROSION-AE	H2SBO4ION	Dihydroantimonate ion(-1)	H2O4Sb-1		187.763535
CORROSION-AE	H3FEIICN6	Trihydrogen hexaferrocyanide	C6FeH3N6		214.977707
CORROSION-AE	H3SBO4	Antimonic(V) acid	H3O4Sb		188.771515
CORROSION-AE	H4FEIICN6	Tetrahydrogen ferrocyanide(II)	C6FeH4N6		215.985687
CORROSION-AE	HATURITE	Tricalcium silicon pentaoxide	Ca3O5Si		228.316498
CORROSION-AE	HERCYNITE	Iron dialuminum tetraoxide	Al2FeO4		173.807678
CORROSION-AE	HFEIICN6ION	Hydrogen ferrocyanide(II) ion(-3)	C6FeHN6-3		212.961777
CORROSION-AE	HG2CL2	Mercurous(I) chloride	Cl2Hg2		242.085999
CORROSION-AE	HG2SO4	Mercury(I) sulfate	Hg2O4S	7783-36-0	497.243591
CORROSION-AE	HGSCN2	Mercury(II) thiocyanate	C2HgN2S2	592-85-8	316.757599
CORROSION-AE	HGSCN3ION	Mercury(II) tri(thiocyanate) ion(-1)	C3HgN3S3-1		374.8414
CORROSION-AE	HGSCN4ION	Mercury(II) tetra(thiocyanate) ion(-2)	C4HgN4S4-2		432.925201
CORROSION-AE	HGSCNION	Mercury(II) monothiocyanate ion(+1)	CHgNS+1		258.673798
CORROSION-AE	HGSO4	Mercury(II) sulfate	HgO4S		296.653595
CORROSION-AE	HILLEBRAND	Dicalcium silicon trioxide dihydroxide-0.17-water	Ca2H2.34O5.17Si		193.317047
CORROSION-AE	HO2O3	Holmium oxide	Ho2O3		377.859009
CORROSION-AE	HOClO43	Holmium perchlorate	Cl3HoO12		463.282196
CORROSION-AE	HSBO4ION	Hydroantimonate ion(-2)	HO4Sb-2		186.755569
CORROSION-AE	HSCN		CHNS	463-56-9	59.09177
CORROSION-AE	HYDMAGNESITE	Pentamagnesium dihydroxide tetracarbonate tetrahydrate	C4H10Mg5O18	39409-82-0	467.638306
CORROSION-AE	IN2O3	Indium oxide	In2O3	1312-43-2	277.638214
CORROSION-AE	IN2SO43	Indium sulfate	In2S3O12	13464-82-9	517.830811
CORROSION-AE	INBR3	Indium bromide	Br3In		354.532013
CORROSION-AE	INCL3	Indium chloride	Cl3In	10025-82-8	221.179001
CORROSION-AE	INNO33	Indium nitrate	InN3O9		300.834686
CORROSION-AE	K1FEIICN6ION	Monopotassium ferrocyanide(II) ion(-3)	C6FeKN6-3		251.052094
CORROSION-AE	K1FEIICN6ION	Monopotassium ferricyanide(III) ion(-2)	C6FeKN6-2		251.052094
CORROSION-AE	K2B4O7	Dipotassium tetraboron heptaoxide	B4K2O7	1332-77-0	233.432526
CORROSION-AE	K2B6O10	Dipotassium hexaboron decaoxide	B6K2O10		303.050781
CORROSION-AE	K2B8O13	Dipotassium octaboron tridecaoxide	B8K2O13		372.669037
CORROSION-AE	K3ASO4	Potassium arsenate	AsK3O4		256.214111
CORROSION-AE	K3FEIICN6	Potassium ferricyanide(III)	C6FeK3N6		329.248688
CORROSION-AE	K4FECN6	Potassium ferrocyanide(II)	C6FeK4N6		368.346985
CORROSION-AE	K4FECN6.3H2O	Potassium ferrocyanide(II) trihydrate	C6FeH6K4N6O3		422.393005
CORROSION-AE	KBRO3	Potassium bromate	BrKO3	7758-01-2	167.000504
CORROSION-AE	KClO4	Potassium perchlorate	ClKO4	7778-74-7	138.548904
CORROSION-AE	KIO3	Potassium iodate	IKO3	7758-05-6	214.001495
CORROSION-AE	KIO4	Potassium periodate	IKO4	7790-21-8	230.0009
CORROSION-AE	KREO4	Potassium perhenate	KO4Re		289.302887
CORROSION-AE	KSCN	Potassium thiocyanate	CKNS		97.182098
CORROSION-AE	LA2O3	Lanthanum oxide	La2O3		325.809204
CORROSION-AE	LABR3	Lanthanum bromide	Br3La		378.617493
CORROSION-AE	LACLO43	Lanthanum perchlorate	Cl3LaO12		437.257294

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	LAIO33	Lanthanum iodate	I3LaO9		663.615112
CORROSION-AE	LI2B4O7	Dilithium tetraboron heptaoxide	B4Li2O7	1303-94-2	169.117722
CORROSION-AE	LI2B6O10	Dilithium hexaboron decaoxide	B6Li2O10		238.735977
CORROSION-AE	LI2CRO4.2H2O	Lithium chromate(IV) dihydrate	CrH4Li2O6		165.906082
CORROSION-AE	LI2SI2O5	Dilithium disilicon pentaoxide	Li2Si2O5		150.049805
CORROSION-AE	LI2SI5O11	Dilithium pentasilicon undecaoxide	Li2O11Si5		330.302704
CORROSION-AE	LI2SIO3	Dilithium silicon trioxide	Li2O3Si	10102-24-6	89.9655
CORROSION-AE	LI3ASO4	Lithium arsenate	AsLi3O4		159.741898
CORROSION-AE	LI4SIO4	Tetralithium silicon tetraoxide	Li4SiO4		119.846703
CORROSION-AE	LIBO2.2H2O	Lithium metaborate dihydrate	BH4LiO4		85.780411
CORROSION-AE	LIBO2.8H2O	Lithium metaborate octahydrate	BH16LiO10		193.872452
CORROSION-AE	LIBRO3	Lithium bromate	BrLiO3		134.843094
CORROSION-AE	LICLO3	Lithium chlorate	CLiO3		90.392097
CORROSION-AE	LICLO4	Lithium perchlorate	CILiO4	7791-03-9	106.391502
CORROSION-AE	LIIO3	Lithium iodate	ILiO3		181.844101
CORROSION-AE	LIMO.0.75H2O	Lithium molybdate(VI)-0.75-water	H1.5Li2MoO4.75		187.330902
CORROSION-AE	LINO2	Lithium nitrite	LiNO2		52.9464
CORROSION-AE	LUCLO43	Lutetium perchlorate	Cl3LuO12		473.318787
CORROSION-AE	LUNO33	Lutetium(III) nitrate	LuN3O9		360.981689
CORROSION-AE	MACKINAWITE	Iron(II) sulfide (tetragonal)	FeS		87.913002
CORROSION-AE	MAGNETITE	Triiron tetraoxide	Fe3O4	1317-61-9	231.538605
CORROSION-AE	MARCASITE	Iron(II) disulfide (orthorhombic)	FeS2		119.978996
CORROSION-AE	MAYENITE	Dodecacalcium tetradecaaluminum tritriacontaoxide	Al14Ca12O33		1386.657715
CORROSION-AE	MG2FEIICN6	Magnesium ferrocyanide(II)	C6FeMg2N6		260.563812
CORROSION-AE	MG2OH2CO3	Dimagnesium dihydroxide carbonate	CH2Mg2O5		142.634033
CORROSION-AE	MG2OH2CO3.3H2O	Dimagnesium dihydroxide carbonate trihydrate	CH8Mg2O8		196.680054
CORROSION-AE	MGCLO42	Magnesium perchlorate	Cl2MgO8	10034-81-8	223.206207
CORROSION-AE	MGFE2O4	Magnesium diiron teraoxide	Fe2MgO4		199.996597
CORROSION-AE	MGFEIICN6ION	Magnesium monoferrocyanide(II) ion(-2)	C6FeMgN6-2		236.258804
CORROSION-AE	MGO	Magnesium oxide	MgO	1309-48-4	40.304401
CORROSION-AE	MGS2O3	Magnesium thiosulfate	MgO3S2	10124-53-5	136.435196
CORROSION-AE	MGS2O6	Magnesium dithionate	MgO6S2		184.433395
CORROSION-AE	MINNESOTAIT	Triiron tetrasilicon decaoxide dihydroxide	Fe3H2O12Si4		473.891754
CORROSION-AE	MN2O3	Manganese(III) oxide	Mn2O3	1317-34-6	157.874207
CORROSION-AE	MN3O4	Trimanganese tetraoxide	Mn3O4	1317-35-7	228.8116
CORROSION-AE	MNBR2	Manganese(II) bromide	Br2Mn	13446-03-2	214.746002
CORROSION-AE	MNBR2.2H2O	Manganese(II) bromide dihydrate	Br2H4MnO2		250.776688
CORROSION-AE	MNBR2.4H2O	Manganese(II) bromide tetrahydrate	Br2H8MnO4		286.807373
CORROSION-AE	MNIIION	Manganese ion(+3)	Mn+3		54.938
CORROSION-AE	MNO	Manganese(II) oxide	MnO		70.937401
CORROSION-AE	MNO2	Manganese(IV) oxide	MnO2	1313-13-9	86.936798
CORROSION-AE	MNOH3	Manganese(III) hydroxide	H3MnO3		105.960114
CORROSION-AE	MNOOH	Manganese(III) oxide hydroxide	HMnO2		87.944771
CORROSION-AE	MOION	Molybdenum ion(+3)	Mo+3		95.940002
CORROSION-AE	MONTMORMG	0.495-Magnesium-1.67-aluminum tetrasilicon decaoxide dihydroxide	Al1.67H2Mg0.495O12Si4		363.440887
CORROSION-AE	MOO2	Molybdenum(IV) oxide	MoO2		127.938797
CORROSION-AE	MOO3	Molybdenum(VI) oxide	MoO3	1313-27-3	143.938202
CORROSION-AE	MOOH3	Molybdenum(III) hydroxide	H3MoO3		146.962112
CORROSION-AE	MOS2	Molybdenum disulfide (hexagonal)	MoS2	1317-33-5	160.072006
CORROSION-AE	NA2B4O7	Disodium tetraborate	B4Na2O7	1330-43-4	201.215866

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	NA2CRO4	Sodium chromate(VI)	CrNa2O4	7775-11-3	161.973541
CORROSION-AE	NA2CRO4.10H2O	Sodium chromate(VI) decahydrate	CrH20Na2O14		342.126953
CORROSION-AE	NA2CRO4.4H2O	Sodium chromate(VI) tetrahydrate	CrH8Na2O8		234.034897
CORROSION-AE	NA2CRO4.6H2O	Sodium chromate(VI) hexahydrate	CrH12Na2O10		270.065582
CORROSION-AE	NA2MOO4	Sodium molybdate(VI)	MoNa2O4	7631-95-0	205.917542
CORROSION-AE	NA2MOO4.10H2O	Sodium molybdate(VI) decahydrate	H20MoNa2O14		386.070953
CORROSION-AE	NA2MOO4.2H2O	Sodium molybdate(VI) dihydrate	H4MoNa2O6		241.948227
CORROSION-AE	NA2Si2O5	Disodium disilicon pentoxide	Na2O5Si2		182.147934
CORROSION-AE	NA2Si5O11	Disodium pentasilicon undecaoxide	Na2O11Si5		362.400848
CORROSION-AE	NA4P2O7	Sodium pyrophosphate(V)	Na4O7P2		265.903198
CORROSION-AE	NA6Si2O7	Hexasodium disilicon heptoxide	Na6O7Si2		306.106628
CORROSION-AE	NAB3O5	Sodium triboron pentoxide	B3NaO5		135.417053
CORROSION-AE	NABRO3	Sodium bromate	BrNaO3	7789-38-0	150.892166
CORROSION-AE	NAFEO2	Sodium iron(III) dioxide	FeNaO2		110.83577
CORROSION-AE	NAIO3	Sodium iodate	INaO3	7681-55-2	197.893173
CORROSION-AE	NASCN	Sodium thiocyanate	CNNaS		81.073769
CORROSION-AE	NASCN.1H2O	Sodium thiocyanate monohydrate	CH2NNaOS		99.089111
CORROSION-AE	NATROLITE	Disodium dialuminum trisilicon decaoxide dihydrate	Al2H4Na2O12Si3		380.224213
CORROSION-AE	NATRONITEH	2-Iron-0.33-aluminum-3.67-silicon-0.33-hydrogen decaoxide dihydroxide	Al0.33H2.33Fe2Si3.67O12		418.013062
CORROSION-AE	NBO	Niobium(II) oxide	NbO		108.9058
CORROSION-AE	NBO2	Niobium(IV) oxide	NbO2	12034-59-2	124.905197
CORROSION-AE	NDCLO43	Neodymium(III) perchlorate	Cl3NdO12		442.591797
CORROSION-AE	NDNO33	Neodymium(III) nitrate	N3NdO9		330.2547
CORROSION-AE	NH42CR2O7	Ammonium dichromate(VI)	Cr2H8N2O7		252.064957
CORROSION-AE	NH42CRO4	Ammonium chromate	CrH8N2O4	7788-98-9	152.070755
CORROSION-AE	NH4BR	Ammonium bromide	BrH4N	12124-97-9	97.942581
CORROSION-AE	NH4I	Ammonium iodide	H4IN	12027-06-4	144.943573
CORROSION-AE	NH4IO3	Ammonium iodate	H4INO3		192.941772
CORROSION-AE	NH4SCN	Ammonium thiocyanate	CH4N2S	1762-95-4	76.122383
CORROSION-AE	Ni3O4	Trinickel tetraoxide	Ni3O4		240.007599
CORROSION-AE	NiCR2O4	Dichromium nickel tetraoxide	Cr2NiO4		226.659607
CORROSION-AE	NiFE2O4	Diiiron nickel tetraoxide	Fe2NiO4		234.361603
CORROSION-AE	NiIIION	Nickel ion(+3)	Ni+3		58.669998
CORROSION-AE	NiO	Nickel(II) oxide	NiO	1313-99-1	74.669403
CORROSION-AE	NiO2	Nickel(IV) oxide	NiO2		90.6688
CORROSION-AE	NiOH3	Nickel(III) hydroxide	H3NiO3	12054-48-7	109.692108
CORROSION-AE	NiSCN2	Nickel(II) thiocyanate	C2N2NiS2		174.837601
CORROSION-AE	NiSCNION	Nickel(II) thiocyanate ion(+1)	CNNiS+1		116.753799
CORROSION-AE	NiSO4	Nickel(II) sulfate	NiO4S	7786-81-4	154.733597
CORROSION-AE	NiSO4.6H2O	Nickel(II) sulfate hexahydrate	H12NiO10S		262.825653
CORROSION-AE	NiSO4.7H2O	Nickel(II) sulfate heptahydrate	H14NiO11S		280.840973
CORROSION-AE	NiSO4B	Nickel(II) sulfate (beta)	NiO4S		154.733597
CORROSION-AE	NiSO4B.6H2O	Nickel(II) sulfate hexahydrate (beta)	H12NiO10S		262.825653
CORROSION-AE	NTi	Titanium(III) nitride	NTi		61.8867
CORROSION-AE	OKENITE	Calcium disilicon tetraoxide dihydroxide hydrate	CaH4O7Si2		212.276688
CORROSION-AE	PB3O4	Trilead tetraoxide	O4Pb3		685.597595
CORROSION-AE	PBCRO4	Lead chromate	CrO4Pb		323.193604
CORROSION-AE	PBiVION	Lead(IV) ion(+4)	Pb+4		207.199997
CORROSION-AE	PBO2	Lead(IV) oxide	O2Pb	1309-60-0	239.198807
CORROSION-AE	PBOH2	Lead(II) hydroxide	H2O2Pb		241.214737

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	PBSCN2	Lead(II) thiocyanate	C2N2PbS2		323.367615
CORROSION-AE	PBSCNION	Lead(II) thiocyanate ion(+1)	CNPbS+1		265.283813
CORROSION-AE	PDO	Palladium(II) oxide	Opd	1314-08-5	122.419403
CORROSION-AE	PETALITE	Lithium aluminum tetrasilicon decaoxide	AlLiO10Si4		306.258453
CORROSION-AE	PRCLO43	Praseodymium perchlorate	Cl3O12Pr		439.259491
CORROSION-AE	PRNO33	Praseodymium(III) nitrate	N3O9Pr		326.922394
CORROSION-AE	PTBR2	Platinum(II) bromide	Br2Pt		354.888
CORROSION-AE	PTIICL2	Platinum(II) chloride	Cl2Pt	10025-65-7	265.985992
CORROSION-AE	PTOH4	Platinum(IV) hydroxide	H4O4Pt		263.109467
CORROSION-AE	QUARTZ	Silicon dioxide (trigonal)	O2Si		60.084301
CORROSION-AE	RANKINITE	Tricalcium disilicon heptaoxide	Ca3O7Si2		288.400787
CORROSION-AE	RBBRO3	Rubidium bromate	BrO3Rb		213.369995
CORROSION-AE	RBCL03	Rubidium chlorate	ClO3Rb		168.919006
CORROSION-AE	RBCL04	Rubidium perchlorate	ClO4Rb		184.918396
CORROSION-AE	RBIO3	Rubidium iodate	IO3Rb		260.371002
CORROSION-AE	RUTILE	Titanium(IV) oxide (rutile)	O2Ti	13463-67-7	79.878799
CORROSION-AE	SANBORNITE	Barium disilicon pentaoxide	BaO5Si2		273.497986
CORROSION-AE	SAPONITEH	0.33-Hydrogen-3-magnesium-0.33-aluminum-3.67-silicon decaoxide dihydr	Al0.33H2.33Mg3O12Si3.67		379.23407
CORROSION-AE	SAPONITEMG	3.165-Magnesium-0.33-aluminum-3.67-silicon decaoxide dihydroxide	Al0.33H2Mg3.165O12Si3.67		382.911774
CORROSION-AE	SB2O5	Antimony(V) oxide	O5Sb2	1314-60-9	323.497009
CORROSION-AE	SBBR3	Antimony(III) bromide	Br3Sb	7789-61-9	361.462006
CORROSION-AE	SBCL3	Antimony(III) chloride	Cl3Sb	10025-91-9	228.108994
CORROSION-AE	SBO4ION	Antimonate ion(-3)	O4Sb-3		185.747604
CORROSION-AE	SBOCL	Antimony(III) oxide chloride	SbOCl	7791-08-4	173.202393
CORROSION-AE	SCNION	Thiocyanate ion(-1)	CNS-1		58.083801
CORROSION-AE	SCOLECITE	Calcium dialuminum trisilicon decaoxide trihydrate	Al2CaH6O13Si3		392.337585
CORROSION-AE	SI3N4	Trisilicon tetranitride (alpha)	N4Si3	12033-89-5	140.283295
CORROSION-AE	SM2O3	Samarium oxide	O3Sm2		348.718201
CORROSION-AE	SM2O3M	Samarium oxide (monoclinic)	O3Sm2		348.718201
CORROSION-AE	SMCLO43	Samarium perchlorate	Cl3O12Sm		448.711792
CORROSION-AE	SMNO33	Samarium(III) nitrate	N3O9Sm		336.374695
CORROSION-AE	SNO2	Tin(IV) oxide	O2Sn	18282-10-5	150.708801
CORROSION-AE	SNS	Tin(II) sulfide	SSn	1314-95-0	150.776001
CORROSION-AE	SNS2	Tin(IV) disulfide	S2Sn	1315-01-1	182.841995
CORROSION-AE	SNSCN2	Tin(II) thiocyanate	C2N2S2Sn		234.877594
CORROSION-AE	SNSCN3ION	Tin(II) trithiocyanate ion(-1)	C3N3S3Sn-1		292.961395
CORROSION-AE	SNSCNION	Tin(II) monothiocyanate ion(+1)	CNSSn+1		176.793793
CORROSION-AE	SRCLO42	Strontium perchlorate	Cl2O8Sr		286.52121
CORROSION-AE	SRO	Strontium oxide	OSr	1314-11-0	103.6194
CORROSION-AE	SRS2O3	Strontium thiosulfate	O3S2Sr		199.750198
CORROSION-AE	TA2N	Ditantalum nitride	NTa2		375.902496
CORROSION-AE	TAN	Tantalum nitride	NTa		194.954605
CORROSION-AE	TBBR3	Terbium bromide	Br3Tb		398.63739
CORROSION-AE	TBCLO43	Terbium perchlorate	Cl3O12Tb		457.277191
CORROSION-AE	TBNO33	Terbium(III) nitrate	N3O9Tb		344.940094
CORROSION-AE	TL2O	Thallium(I) oxide	OTl2	1314-12-1	424.765411
CORROSION-AE	TL2O3	Thallium(III) oxide	O3Tl2	1314-32-5	456.764191
CORROSION-AE	TL2SO4	Thallium(I) sulfate	O4STl2	7446-18-6	504.82959
CORROSION-AE	TLACET	Thallium(I) acetate	C2H3O2Tl	563-68-8	263.427917
CORROSION-AE	TLCLO4	Thallium(I) perchlorate	ClO4Tl		303.833588

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-AE	TLNO3	Thallium(I) nitrate	NO3Tl		266.387909
CORROSION-AE	TLOHION	Thallium(III) hydroxide ion(+2)	HOTl+2		221.390366
CORROSION-AE	TM2O3	Thulium(III) oxide	O3Tm2		385.866608
CORROSION-AE	TMCL043	Thulium perchlorate	Cl3O12Tm		467.286011
CORROSION-AE	TOBERMOR11A	Pentacalcium hexasilicon undecahydrogen-22.5-oxide	Ca5H11O22.5Si6		739.977173
CORROSION-AE	TOBERMOR14A	Pentacalcium hexasilicon henicosaahydrogen-27.5-oxide	Ca5H21O27.5Si6		830.053894
CORROSION-AE	TOBERMOR9A	Pentacalcium hexasilicon hexahydrogen icosaoxide	Ca5H6O20Si6		694.938843
CORROSION-AE	U4O9	Tetrauranium nonaoxide	O9U4		1096.102173
CORROSION-AE	UO2OH2	Uranyl(VI) hydroxide	H2O4U		304.040436
CORROSION-AE	UO3	Uranium(VI) oxide	O3U	1344-58-7	286.025085
CORROSION-AE	UO3.2H2O	Uranium(VI) oxide dihydrate	H4O5U		322.055786
CORROSION-AE	V2O2	Divanadium dioxide	O2V2		133.881805
CORROSION-AE	V2O5	Vanadium(V) pentoxide	O5V2	1314-62-1	181.880005
CORROSION-AE	VO	Vanadium(II) oxide	OV		66.940903
CORROSION-AE	WO3	Tungsten(VI) oxide	O3W	1314-35-8	231.848206
CORROSION-AE	WURTZITE	Zinc sulfide (hexagonal)	SZn	1314-98-3	97.456001
CORROSION-AE	WUSTITE	0.947-Iron oxide	Fe0.947O		68.886513
CORROSION-AE	XONOTLITE	Hexacalcium hexasilicon heptadecaoxide dihydroxide	Ca6H2O19Si6		714.985535
CORROSION-AE	YBNO33	Ytterbium nitrate	N3O9Yb		359.054688
CORROSION-AE	ZN3ASO42	Zinc arsenate(VI)	As2O8Zn3		474.008392
CORROSION-AE	ZNCLO42	Zinc perchlorate	Cl2O8Zn	13637-61-1	264.291199
CORROSION-AE	ZNO	Zinc oxide	OZn	1314-13-2	81.389397
CORROSION-AE	ZNOH4ION	Zinc tetrahydroxide ion(-2)	H4O4Zn-2		133.419479
CORROSION-AE	ZNSCN2	Zinc dithiocyanate	C2N2S2Zn		181.557602
CORROSION-AE	ZNSCN3ION	Zinc trithiocyanate ion(-1)	C3N3S3Zn-1		239.641403
CORROSION-AE	ZNSCN4ION	Zinc tetrathiocyanate ion(-4)	C4N4S4Zn-2		297.725189
CORROSION-AE	ZNSCNION	Zinc monothiocyanate ion(+1)	CNSZn+1		123.473801
CORROSION-MSEPUB	AFWILLITE	Tricalcium disilicon tetraoxide hexahydroxide	Ca3H6O10Si2		342.446808
CORROSION-MSEPUB	AGCLO3	Silver chlorate	AgClO3	7783-92-8	191.319397
CORROSION-MSEPUB	AGCLO4	Silver perchlorate	AgClO4	7783-93-9	207.318802
CORROSION-MSEPUB	AGIIION	Silver ion(+2)	Ag+2		107.868202
CORROSION-MSEPUB	AGO	Silver(II) oxide	AgO	1301-96-8	123.867599
CORROSION-MSEPUB	AGSCN	Silver thiocyanate	AgCNS		165.951996
CORROSION-MSEPUB	AGSCN2ION	Silver dithiocyanate ion(-1)	AgC2N2S2-1		224.035797
CORROSION-MSEPUB	AGSCN3ION	Silver trithiocyanate ion(-2)	AgC3N3S3-2		282.119598
CORROSION-MSEPUB	AGSCN4ION	Silver tetrathiocyanate ion(-3)	AgC4N4S4-3		340.2034
CORROSION-MSEPUB	AL2O3	Aluminum oxide	Al2O3	1344-28-1	101.961281
CORROSION-MSEPUB	ALBITEHIGH	Sodium aluminum trisilicon octaoxide (high albite)	AlNaO8Si3		262.223206

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	ALBITELOWTEMP	Sodium aluminum trisilicon octaoxide (LOWTEMP albite)	AlNaO8Si3		262.223206
CORROSION-MSEPUB	ALCLO43	Aluminum perchlorate	AlCl3O12		325.333344
CORROSION-MSEPUB	ALN	Aluminium nitride	AlN	24304-00-5	40.988239
CORROSION-MSEPUB	AMESITE14A	Tetramagnesium tetraaluminum disilicon decaoxide octahydroxide	Al4H8Mg4O18Si2		557.370117
CORROSION-MSEPUB	ARAGONITE	Calcium carbonate (aragonite)	CCaO3	471-34-1	100.087303
CORROSION-MSEPUB	ASI3	Arsenic(III) iodide	AsI3	7784-45-4	455.636597
CORROSION-MSEPUB	AU2O3	Gold(III) oxide	Au2O3	1303-58-8	441.931213
CORROSION-MSEPUB	BA2FEIICN6	Barium hexacyanoferrate(II)	Ba2C6FeN6		486.6138
CORROSION-MSEPUB	BABRO32	Barium bromate	BaBr2O6	13967-90-3	393.134399
CORROSION-MSEPUB	BACLO42	Barium perchlorate	BaCl2O8	13465-95-7	336.231201
CORROSION-MSEPUB	BAO	Barium oxide	BaO	1304-28-5	153.329407
CORROSION-MSEPUB	BAS2O3	Barium thiosulfate	BaO3S2	35112-53-9	249.460205
CORROSION-MSEPUB	BASSANITE	Calcium sulfate hemihydrate	CaHO4.5S		145.149277
CORROSION-MSEPUB	BE2O3H2	Diberyllium oxide dihydroxide	Be2H2O3		68.038506
CORROSION-MSEPUB	BEC2O4	Beryllium oxalate	BeC2O4		97.031982
CORROSION-MSEPUB	BECL2	Beryllium dichloride	BeCl2	7787-47-5	79.918182
CORROSION-MSEPUB	BECLO42	Beryllium perchlorate	BeCl2O8		207.913376
CORROSION-MSEPUB	BEIDELLITCA	0.165-Calcium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33Ca0.165H2O12Si3.67		366.562378
CORROSION-MSEPUB	BEIDELLITCS	0.33-Cesium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33Cs0.33H2O12Si3.67		403.808289
CORROSION-MSEPUB	BEIDELLITEH	2.33-Aluminum-3.67-silicon-0.33-hydrogen decaoxide dihydroxide	Al2.33H2.33O12Si3.67		360.282135
CORROSION-MSEPUB	BEIDELLITEK	0.33-Potassium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33H2K0.33O12Si3.67		372.851959
CORROSION-MSEPUB	BEIDELLITMG	0.165-Magnesium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33H2Mg0.165O12Si3.67		363.959839
CORROSION-MSEPUB	BEIDELLITNA	0.33-Sodium-2.33-aluminum-3.67-silicon decaoxide dihydroxide	Al2.33H2Na0.33O12Si3.67		367.536194
CORROSION-MSEPUB	BEO	Beryllium oxide	BeO	1304-56-9	25.011581
CORROSION-MSEPUB	BEOH2A	Beryllium hydroxide (alpha)	BeH2O2	13327-32-7	43.02692

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	BEOH2B	Beryllium hydroxide (beta)	BeH2O2	13327-32-7	43.02692
CORROSION-MSEPUB	BESO4	Beryllium sulfate	BeO4S		105.075783
CORROSION-MSEPUB	BI2O3	Bismuth oxide	Bi2O3	1304-76-3	465.959015
CORROSION-MSEPUB	BIOCL	Bismuth(III) oxide chloride	BiClO	7787-59-9	260.4328
CORROSION-MSEPUB	CA2B2O5	Dicalcium diboron pentaoxide	B2Ca2O5		181.773056
CORROSION-MSEPUB	CA2FE2O5	Dicalcium diiron pentaoxide	Ca2Fe2O5		271.846985
CORROSION-MSEPUB	CA2FEIICN6	Calcium ferrocyanide(II)	C6Ca2FeN6		292.109802
CORROSION-MSEPUB	CA3AL2O6	Tricalcium dialuminum hexaoxide	Al2Ca3O6		270.193481
CORROSION-MSEPUB	CA3FECN62	Calcium ferricyanide(III)	C12Ca3Fe2N12		544.141602
CORROSION-MSEPUB	CA4AL2FE2O1	Tetracalcium dialuminum diiron decaoxide	Al2Ca4Fe2O10		485.963074
CORROSION-MSEPUB	CAAL2O4	Calcium dialuminum tetraoxide	Al2CaO4		158.038681
CORROSION-MSEPUB	CAB2O4	Calcium diboron tetraoxide	B2CaO4		125.695663
CORROSION-MSEPUB	CAB4O7	Calcium tetraboron heptaoxide	B4CaO7	12007-56-6	195.313919
CORROSION-MSEPUB	CACLO42	Calcium perchlorate	CaCl2O8		238.979202
CORROSION-MSEPUB	CACO3.H2O	Calcium carbonate monohydrate	CaCH2O4		118.102638
CORROSION-MSEPUB	CAFE2O4	Calcium diiron tetraoxide	CaFe2O4		215.769608
CORROSION-MSEPUB	CAFEIICN6ION	Calcium hexacyanoferric(II) ion(-2)	C6CaFeN6-2		252.031799
CORROSION-MSEPUB	CAFEIICN6ION	Calcium hexacyanoferric(III) ion(-1)	C6CaFeN6-1		252.031799
CORROSION-MSEPUB	CAO	Calcium oxide	CaO	1305-78-8	56.0774
CORROSION-MSEPUB	CAS2O3	Calcium thiosulfate	CaO3S2	10124-41-1	152.208206
CORROSION-MSEPUB	CDBR2	Cadmium bromide	Br2Cd	7789-42-6	272.217987
CORROSION-MSEPUB	CDBR2.4H2O	Cadmium bromide tetrahydrate	Br2CdH8O4		344.279358
CORROSION-MSEPUB	CDCLO42	Cadmium perchlorate	CdCl2O8		311.311188
CORROSION-MSEPUB	CDO	Cadmium oxide	CdO	1306-19-0	128.409393
CORROSION-MSEPUB	CDSCN2	Cadmium thiocyanate	C2CdN2S2		228.577606

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	CDSCN3ION	Cadmium trithiocyanate ion(-1)	C3CdN3S3-1		286.661407
CORROSION-MSEPUB	CDSCN4ION	Cadmium tetrathiocyanate ion(-2)	C4CdN4S4-2		344.745209
CORROSION-MSEPUB	CDSCNION	Cadmium monothiocyanate ion(+1)	CCdNS+1		170.493805
CORROSION-MSEPUB	CDSO4.2.6H2O	Cadmium sulfate 2.6 hydrate	CdH5.2O6.6S		255.313477
CORROSION-MSEPUB	CHRYSOTILE	Trimagnesium disilicon pentaoxide tetrahydroxide (monoclinic)	H4Mg3O9Si2		277.112488
CORROSION-MSEPUB	CO3N	Tricobalt nitride	Co3N		190.806305
CORROSION-MSEPUB	CO3O4	Tricobalt tetraoxide	Co3O4	1308-06-1	240.797195
CORROSION-MSEPUB	COIIIH3	Cobalt(III) hydroxide	CoH3O3	21041-93-0	109.955307
CORROSION-MSEPUB	COIISCN2	Cobalt(II) thiocyanate	C2CoN2S2		175.1008
CORROSION-MSEPUB	COIISCNION	Cobalt(II) monocyanide ion(+1)	CCoNS+1		117.016998
CORROSION-MSEPUB	COIIISO4	Cobalt(II) sulfate	CoO4S	10124-43-3	154.996796
CORROSION-MSEPUB	COIIISO4.1H2O	Cobalt(II) sulfate monohydrate	CoH2O5S		173.012146
CORROSION-MSEPUB	COIIISO4.6H2O	Cobalt(II) sulfate hexahydrate	CoH12O10S		263.088837
CORROSION-MSEPUB	COIIISO4.7H2O	Cobalt(II) sulfate heptahydrate	CoH14O11S		281.104187
CORROSION-MSEPUB	COO	Cobalt(II) oxide	CoO	1307-96-6	74.932602
CORROSION-MSEPUB	CORROSION-AEDIERHYD	Dimagnesium tetraaluminum pentasilicon octadecaoxide monohydrate	Al4H2Mg2O19Si5		602.968201
CORROSION-MSEPUB	CR2O3	Chromium(III) oxide	Cr2O3	1308-38-9	151.990204
CORROSION-MSEPUB	CR2SO4.14H2O	Chromium(III) sulfate tetradecahydrate	Cr2H28O26S3		644.397583
CORROSION-MSEPUB	CR2SO4.16H2O	Chromium(III) sulfate hexadecahydrate	Cr2H32O28S3		680.428223
CORROSION-MSEPUB	CRCLO43	Chromium(III) perchlorate	Cl3CrO12		350.347809
CORROSION-MSEPUB	CRIIIBR2	Chromium(II) bromide	CrBr2	10049-25-9	211.804001
CORROSION-MSEPUB	CRIIIBR3	Chromium(III) bromide	CrBr3	10031-25-1	291.708008
CORROSION-MSEPUB	CRO2	Chromium(IV) oxide	CrO2	12018-01-8	83.994797
CORROSION-MSEPUB	CRO3	Chromium(VI) trioxide	CrO3	1333-82-0	99.994202
CORROSION-MSEPUB	CS2O	Cesium oxide	Cs2O		281.810211

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	CSBRO3	Cesium bromate	BrCsO3		260.807587
CORROSION-MSEPUB	CSCLO3	Cesium chlorate	ClCsO3		216.356598
CORROSION-MSEPUB	CSCLO4	Cesium perchlorate	ClCsO4		232.356003
CORROSION-MSEPUB	CSIO3	Cesium iodate	CsIO3		307.808594
CORROSION-MSEPUB	CU2OH2CO3	Dicopper dihydroxide carbonate	CCu2H2O5	12069-69-1	221.116043
CORROSION-MSEPUB	CU3ASO42	Copper(II) arsenate	As2Cu3O8		468.47641
CORROSION-MSEPUB	CU3OH2CO32	Tricopper dihydroxide dicarbonate	C2Cu3H2O8		344.671326
CORROSION-MSEPUB	CU5FEIIS4	Pentacopper(I) iron(III) tetrasulfide	Cu5FeS4		501.841003
CORROSION-MSEPUB	CUCLO42	Copper(II) perchlorate	Cl2CuO8	13770-18-8	262.447205
CORROSION-MSEPUB	CUFEIIS2	Copper(II) iron(II) disulfide	CuFeS2	1308-56-1	183.524994
CORROSION-MSEPUB	CUO	Copper(II) oxide	CuO	1317-38-0	79.545403
CORROSION-MSEPUB	CUSCN2	Copper(II) thiocyanate	C2CuN2S2		179.713593
CORROSION-MSEPUB	CUSCN3ION	Copper(II) trithiocyanate ion(-1)	C3CuN3S3-1		237.797394
CORROSION-MSEPUB	CUSCN4ION	Copper(II) tetrathiocyanate ion(-2)	C4CuN4S4-2		295.881195
CORROSION-MSEPUB	CUSCNION	Copper(II) monothiocyanate ion(+1)	CCuNS+1		121.629799
CORROSION-MSEPUB	DIASPORE	Aluminum oxide hydroxide (diaspore)	AlHO2		59.988312
CORROSION-MSEPUB	DY2O3	Dysprosium oxide	Dy2O3		372.998199
CORROSION-MSEPUB	DYCLO43	Dysprosium perchlorate	Cl3DyO12		460.851807
CORROSION-MSEPUB	DYNO33	Dysprosium(III) nitrate	DyN3O9		348.514709
CORROSION-MSEPUB	ERCLO43	Erbium perchlorate	Cl3ErO12		465.611786
CORROSION-MSEPUB	ERNO33	Erbium(III) nitrate	ErN3O9		353.274689
CORROSION-MSEPUB	ETTRINGITE	Hexacalcium dialuminum dodecahydroxide trisulfate hexacosahydrate	Al2Ca6H64O50S3		1255.109131
CORROSION-MSEPUB	EU2O3	Europium oxide	Eu2O3		351.918213
CORROSION-MSEPUB	EU2O3C	Europium oxide (cubic)	Eu2O3		351.918213
CORROSION-MSEPUB	EUCLO43	Europium perchlorate	Cl3EuO12		450.311798

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	EYB2O3	Ytterbium oxide	O3Yb2		394.078186
CORROSION-MSEPUB	EYBCLO43	Ytterbium perchlorate	Cl3O12Yb		471.391815
CORROSION-MSEPUB	EYOH3	Yttrium hydroxide	H3O3Y		139.928009
CORROSION-MSEPUB	FE4FECN63	Iron(III) hexacyanoferrate(II)	C18Fe7N18	14038-43-8	859.24939
CORROSION-MSEPUB	FEASS	Arsenopyrite	AsFeS		162.834595
CORROSION-MSEPUB	FECLO43	Iron(III) perchlorate	Cl3FeO12		354.198792
CORROSION-MSEPUB	FECR2O4	Dichromium iron tetraoxide	Cr2FeO4		223.836594
CORROSION-MSEPUB	FEHSION	Iron(II) hydrogen sulfide ion(+1)	HFeS+1		88.920967
CORROSION-MSEPUB	FEIICN6ION	Iron(II) hexacyanide ion(-4)	C6FeN6-4		211.953796
CORROSION-MSEPUB	FEIII2O3	Iron(III) oxide	Fe2O3	1309-37-1	159.6922
CORROSION-MSEPUB	FEIIIBR3	Iron(III) bromide	Br3Fe	10031-26-2	295.55899
CORROSION-MSEPUB	FEIIICN6ION	Iron(III) hexacyanide ion(-3)	C6FeN6-3		211.953796
CORROSION-MSEPUB	FEIIISCN2ION	Iron(III) dithiocyanate ion(+1)	C2FeN2S2+1		172.014603
CORROSION-MSEPUB	FEIIISCN3	Iron(III) thiocyanate	C3FeN3S3		230.098404
CORROSION-MSEPUB	FEIIISCNION	Iron(III) monothiocyanate ion(+2)	CFeNS+2		113.930801
CORROSION-MSEPUB	FEMOO4	Iron(II) molybdate(VI)	FeMoO4		215.784607
CORROSION-MSEPUB	FEO	Iron(II) oxide	FeO	1345-25-1	71.846397
CORROSION-MSEPUB	FEO4ION	Iron(VI) tetraoxide ion(-2)	FeO4-2		119.844597
CORROSION-MSEPUB	FEOOH	Iron(III) oxide hydroxide	FeHO2	20344-49-4	88.853767
CORROSION-MSEPUB	FESAMORPH	Iron(II) sulfide (amorphous)	FeS		87.913002
CORROSION-MSEPUB	FOSPHAGITE	Tetracalcium trisilicon nonaoxide dihydroxide hemihydrate	Ca4H3O11.5Si3		431.58551
CORROSION-MSEPUB	GA2O3	Gallium(III) oxide	Ga2O3		187.444199
CORROSION-MSEPUB	GD2O3	Gadolinium oxide	Gd2O3		362.498199
CORROSION-MSEPUB	GDCL043	Gadolinium perchlorate	Cl3GdO12		455.601807
CORROSION-MSEPUB	GDNO33	Gadolinium(III) nitrate	GdN3O9		343.264709

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	GEEL	Germanium	Ge	7440-56-4	72.589996
CORROSION-MSEPUB	GEHLENITE	Dicalcium dialuminum silicon heptaoxide	Al ₂ Ca ₂ O ₇ Si		274.200378
CORROSION-MSEPUB	GEIIION	Germanium(II) ion(+2)	Ge+2		72.589996
CORROSION-MSEPUB	GEION	Germanium(IV) ion(+4)	Ge+4		72.589996
CORROSION-MSEPUB	GEOCHEM	Germanium(II) oxide	GEOCHEM		88.589401
CORROSION-MSEPUB	GEOCHEM2	Germanium(IV) oxide (tetragonal)	GEOCHEM2	1310-53-8	104.588799
CORROSION-MSEPUB	GEOCHEM2AM	Germanium(IV) oxide (amorphous)	GEOCHEM2	1310-53-8	104.588799
CORROSION-MSEPUB	GEOCHEM2QT	Germanium(IV) oxide (hexagonal, quartz type)	GEOCHEM2	1310-53-8	104.588799
CORROSION-MSEPUB	GEOCHEMH2ION	Germanium(IV) dihydroxide ion(+2)	GeH ₂ O ₂ +2		106.604736
CORROSION-MSEPUB	GEOCHEMH3ION	Germanium(IV) trihydroxide ion(+1)	GeH ₃ O ₃ +1		123.612106
CORROSION-MSEPUB	GEOCHEMH4	Germanium(IV) hydroxide	GeH ₄ O ₄		140.619476
CORROSION-MSEPUB	GEOCHEMH5ION	Germanium(IV) pentahydroxide ion(-1)	GeH ₅ O ₅ -1		157.626846
CORROSION-MSEPUB	GEOCHEMH6ION	Germanium(IV) hexahydroxide ion(-2)	GeH ₆ O ₆ -2		174.634216
CORROSION-MSEPUB	GEOCHEMHION	Germanium(IV) hydroxide ion(+3)	GEOCHEMH+3		89.597366
CORROSION-MSEPUB	GREENALITE	Triiron disilicon pentaoxide tetrahydroxide	Fe ₃ H ₄ O ₉ Si ₂		371.738495
CORROSION-MSEPUB	GREIGITE	Triiron tetrasulfide	Fe ₃ S ₄		295.804993
CORROSION-MSEPUB	GROSSULAR	Tricalcium dialuminum trisilicon dodecaoxide	Al ₂ Ca ₃ O ₁₂ Si ₃		450.446381
CORROSION-MSEPUB	GUANIDINE	Aminomethanamide	CH ₅ N ₃	113-00-8	59.071049
CORROSION-MSEPUB	GYROLITE	Dicalcium trisilicon heptaoxide dihydroxide-1.5-water	Ca ₂ H ₅ O _{10.5} Si ₃		337.446045
CORROSION-MSEPUB	H2FEIICN6ION	Dihydrogen ferrocyanide ion(-2)	C ₆ FeH ₂ N ₆ -2		213.969742
CORROSION-MSEPUB	H2FEO4	Hydrogen iron(VI) tetraoxide	FeH ₂ O ₄		121.860542
CORROSION-MSEPUB	H2SBO4ION	Dihydroantimonate ion(-1)	H ₂ O ₄ Sb-1		187.763535
CORROSION-MSEPUB	H3FEIICN6	Trihydrogen hexaferricyanide	C ₆ FeH ₃ N ₆		214.977707
CORROSION-MSEPUB	H3SBO4	Antimonic(V) acid	H ₃ O ₄ Sb		188.771515
CORROSION-MSEPUB	H4FEIICN6	Tetrahydrogen ferrocyanide(II)	C ₆ FeH ₄ N ₆		215.985687

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	HATURITE	Tricalcium silicon pentaoxide	Ca3O5Si		228.316498
CORROSION-MSEPUB	HERCYNITE	Iron dialuminum tetraoxide	Al2FeO4		173.807678
CORROSION-MSEPUB	HFEIICN6ION	Hydrogen ferrocyanide(II) ion(-3)	C6FeHN6-3		212.961777
CORROSION-MSEPUB	HG2CL2	Mercurous(I) chloride	Cl2Hg2		472.085999
CORROSION-MSEPUB	HG2SO4	Mercury(I) sulfate	Hg2O4S	7783-36-0	497.243591
CORROSION-MSEPUB	HGSCN2	Mercury(II) thiocyanate	C2HgN2S2	592-85-8	316.757599
CORROSION-MSEPUB	HGSCN3ION	Mercury(II) tri(thiocyanate) ion(-1)	C3HgN3S3-1		374.8414
CORROSION-MSEPUB	HGSCN4ION	Mercury(II) tetra(thiocyanate) ion(-2)	C4HgN4S4-2		432.925201
CORROSION-MSEPUB	HGSCNION	Mercury(II) monothiocyanate ion(+1)	CHgNS+1		258.673798
CORROSION-MSEPUB	HGSO4	Mercury(II) sulfate	HgO4S		296.653595
CORROSION-MSEPUB	HILLEBRAND	Dicalcium silicon trioxide dihydroxide-0.17-water	Ca2H2.34O5.17Si		193.317047
CORROSION-MSEPUB	HO2O3	Holmium oxide	Ho2O3		377.859009
CORROSION-MSEPUB	HOClO43	Holmium perchlorate	Cl3HoO12		463.282196
CORROSION-MSEPUB	HSBO4ION	Hydroantimonate ion(-2)	HO4Sb-2		186.755569
CORROSION-MSEPUB	HSCN		CHNS	463-56-9	59.09177
CORROSION-MSEPUB	HYDMAGNESITE	Pentamagnesium dihydroxide tetracarbonate tetrahydrate	C4H10Mg5O18	39409-82-0	467.638306
CORROSION-MSEPUB	IN2O3	Indium oxide	In2O3	1312-43-2	277.638214
CORROSION-MSEPUB	IN2SO43	Indium sulfate	In2S3O12	13464-82-9	517.830811
CORROSION-MSEPUB	INBR3	Indium bromide	Br3In		354.532013
CORROSION-MSEPUB	INCL3	Indium chloride	Cl3In	10025-82-8	221.179001
CORROSION-MSEPUB	INNO33	Indium nitrate	InN3O9		300.834686
CORROSION-MSEPUB	K1FEIICN6ION	Monopotassium ferrocyanide(II) ion(-3)	C6FeKN6-3		251.052094
CORROSION-MSEPUB	K1FEIIICN6ION	Monopotassium ferricyanide(III) ion(-2)	C6FeKN6-2		251.052094
CORROSION-MSEPUB	K2B4O7	Dipotassium tetraboron heptaoxide	B4K2O7	1332-77-0	233.432526
CORROSION-MSEPUB	K2B6O10	Dipotassium hexaboron decaoxide	B6K2O10		303.050781

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	K2B8O13	Dipotassium octaboron tridecaoxide	B8K2O13		372.669037
CORROSION-MSEPUB	K3ASO4	Potassium arsenate	AsK3O4		256.214111
CORROSION-MSEPUB	K3FEIICN6	Potassium ferricyanide(III)	C6FeK3N6		329.248688
CORROSION-MSEPUB	K4FECN6	Potassium ferrocyanide(II)	C6FeK4N6		368.346985
CORROSION-MSEPUB	K4FECN6.3H2O	Potassium ferrocyanide(II) trihydrate	C6FeH6K4N6O3		422.393005
CORROSION-MSEPUB	KBRO3	Potassium bromate	BrKO3	7758-01-2	167.000504
CORROSION-MSEPUB	KCLO4	Potassium perchlorate	ClKO4	7778-74-7	138.548904
CORROSION-MSEPUB	KIO3	Potassium iodate	IKO3	7758-05-6	214.001495
CORROSION-MSEPUB	KIO4	Potassium periodate	IKO4	7790-21-8	230.0009
CORROSION-MSEPUB	KREO4	Potassium perrhenate	KO4Re		289.302887
CORROSION-MSEPUB	KSCN	Potassium thiocyanate	CKNS		97.182098
CORROSION-MSEPUB	LA2O3	Lanthanum oxide	La2O3		325.809204
CORROSION-MSEPUB	LABR3	Lanthanum bromide	Br3La		378.617493
CORROSION-MSEPUB	LACLO43	Lanthanum perchlorate	Cl3LaO12		437.257294
CORROSION-MSEPUB	LAIO33	Lanthanum iodate	I3LaO9		663.615112
CORROSION-MSEPUB	LI2B4O7	Dilithium tetraboron heptaoxide	B4Li2O7	1303-94-2	169.117722
CORROSION-MSEPUB	LI2B6O10	Dilithium hexaboron decaoxide	B6Li2O10		238.735977
CORROSION-MSEPUB	LI2CRO4.2H2O	Lithium chromate(IV) dihydrate	CrH4Li2O6		165.906082
CORROSION-MSEPUB	LI2SI2O5	Dilithium disilicon pentaoxide	Li2Si2O5		150.049805
CORROSION-MSEPUB	LI2SI5O11	Dilithium pentasilicon undecaoxide	Li2O11Si5		330.302704
CORROSION-MSEPUB	LI2SIO3	Dilithium silicon trioxide	Li2O3Si	10102-24-6	89.9655
CORROSION-MSEPUB	LI3ASO4	Lithium arsenate	AsLi3O4		159.741898
CORROSION-MSEPUB	LI4SIO4	Tetralithium silicon tetraoxide	Li4SiO4		119.846703
CORROSION-MSEPUB	LIBO2.2H2O	Lithium metaborate dihydrate	BH4LiO4		85.780411
CORROSION-MSEPUB	LIBO2.8H2O	Lithium metaborate octahydrate	BH16LiO10		193.872452

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	LIBRO3	Lithium bromate	BrLiO3		134.843094
CORROSION-MSEPUB	LICLO3	Lithium chlorate	CLiO3		90.392097
CORROSION-MSEPUB	LICLO4	Lithium perchlorate	CLiO4	7791-03-9	106.391502
CORROSION-MSEPUB	LIIO3	Lithium iodate	LIiO3		181.844101
CORROSION-MSEPUB	LIMO.0.75H2O	Lithium molybdate(VI)-0.75-water	H1.5Li2MoO4.75		187.330902
CORROSION-MSEPUB	LINO2	Lithium nitrite	LiNO2		52.9464
CORROSION-MSEPUB	LUCLO43	Lutetium perchlorate	Cl3LuO12		473.318787
CORROSION-MSEPUB	LUNO33	Lutetium(III) nitrate	LuN3O9		360.981689
CORROSION-MSEPUB	MACKINAWITE	Iron(II) sulfide (tetragonal)	FeS		87.913002
CORROSION-MSEPUB	MAGNETITE	Triiron tetraoxide	Fe3O4	1317-61-9	231.538605
CORROSION-MSEPUB	MARCASITE	Iron(II) disulfide (orthorhombic)	FeS2		119.978996
CORROSION-MSEPUB	MAYENITE	Dodecacalcium tetradecaaluminum tritriacontaoxide	Al14Ca12O33		1386.657715
CORROSION-MSEPUB	MG2FEIICN6	Magnesium ferrocyanide(II)	C6FeMg2N6		260.563812
CORROSION-MSEPUB	MG2OH2CO3	Dimagnesium dihydroxide carbonate	CH2Mg2O5		142.634033
CORROSION-MSEPUB	MG2OH2CO3.3H2O	Dimagnesium dihydroxide carbonate trihydrate	CH8Mg2O8		196.680054
CORROSION-MSEPUB	MGCLO42	Magnesium perchlorate	Cl2MgO8	10034-81-8	223.206207
CORROSION-MSEPUB	MGFE2O4	Magnesium diiron teraoxide	Fe2MgO4		199.996597
CORROSION-MSEPUB	MGFEIICN6ION	Magnesium monoferrocyanoide(II) ion(-2)	C6FeMgN6-2		236.258804
CORROSION-MSEPUB	MGO	Magnesium oxide	MgO	1309-48-4	40.304401
CORROSION-MSEPUB	MGS2O3	Magnesium thiosulfate	MgO3S2	10124-53-5	136.435196
CORROSION-MSEPUB	MGS2O6	Magnesium dithionate	MgO6S2		184.433395
CORROSION-MSEPUB	MINNESOTAIT	Triiron tetrasilicon decaoxyde dihydroxide	Fe3H2O12Si4		473.891754
CORROSION-MSEPUB	MN2O3	Manganese(III) oxide	Mn2O3	1317-34-6	157.874207
CORROSION-MSEPUB	MN3O4	Trimanganese tetraoxide	Mn3O4	1317-35-7	228.8116
CORROSION-MSEPUB	MNBR2	Manganese(II) bromide	Br2Mn	13446-03-2	214.746002

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	MNBR2.2H2O	Manganese(II) bromide dihydrate	Br2H4MnO2		250.776688
CORROSION-MSEPUB	MNBR2.4H2O	Manganese(II) bromide tetrahydrate	Br2H8MnO4		286.807373
CORROSION-MSEPUB	MNIIIIION	Manganese ion(+3)	Mn+3		54.938
CORROSION-MSEPUB	MNO	Manganese(II) oxide	MnO		70.937401
CORROSION-MSEPUB	MNO2	Manganese(IV) oxide	MnO2	1313-13-9	86.936798
CORROSION-MSEPUB	MNOH3	Manganese(III) hydroxide	H3MnO3		105.960114
CORROSION-MSEPUB	MNOOH	Manganese(III) oxide hydroxide	HMnO2		87.944771
CORROSION-MSEPUB	MOION	Molybdenum ion(+3)	Mo+3		95.940002
CORROSION-MSEPUB	MONTMORMG	0.495-Magnesium-1.67-aluminum tetrasilicon decaoxide dihydroxide	Al1.67H2Mg0.495O12Si4		363.440887
CORROSION-MSEPUB	MOO2	Molybdenum(IV) oxide	MoO2		127.938797
CORROSION-MSEPUB	MOO3	Molybdenum(VI) oxide	MoO3	1313-27-3	143.938202
CORROSION-MSEPUB	MOOH3	Molybdenum(III) hydroxide	H3MoO3		146.962112
CORROSION-MSEPUB	MOS2	Molybdenum disulfide (hexagonal)	MoS2	1317-33-5	160.072006
CORROSION-MSEPUB	NA2B4O7	Disodium tetraborate	B4Na2O7	1330-43-4	201.215866
CORROSION-MSEPUB	NA2CRO4	Sodium chromate(VI)	CrNa2O4	7775-11-3	161.973541
CORROSION-MSEPUB	NA2CRO4.10H2O	Sodium chromate(VI) decahydrate	CrH20Na2O14		342.126953
CORROSION-MSEPUB	NA2CRO4.4H2O	Sodium chromate(VI) tetrahydrate	CrH8Na2O8		234.034897
CORROSION-MSEPUB	NA2CRO4.6H2O	Sodium chromate(VI) hexahydrate	CrH12Na2O10		270.065582
CORROSION-MSEPUB	NA2MOO4	Sodium molybdate(VI)	MoNa2O4	7631-95-0	205.917542
CORROSION-MSEPUB	NA2MOO4.10H2O	Sodium molybdate(VI) decahydrate	H20MoNa2O14		386.070953
CORROSION-MSEPUB	NA2MOO4.2H2O	Sodium molybdate(VI) dihydrate	H4MoNa2O6		241.948227
CORROSION-MSEPUB	NA2Si2O5	Disodium disilicon pentaoxide	Na2O5Si2		182.147934
CORROSION-MSEPUB	NA2Si5O11	Disodium pentasilicon undecaoxide	Na2O11Si5		362.400848
CORROSION-MSEPUB	NA4P2O7	Sodium pyrophosphate(V)	Na4O7P2		265.903198
CORROSION-MSEPUB	NA6Si2O7	Hexasodium disilicon heptaoxide	Na6O7Si2		306.106628

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	NAB3O5	Sodium triboron pentaoxide	B3NaO5		135.417053
CORROSION-MSEPUB	NABRO3	Sodium bromate	BrNaO3	7789-38-0	150.892166
CORROSION-MSEPUB	NAFEO2	Sodium iron(III) dioxide	FeNaO2		110.83577
CORROSION-MSEPUB	NAIO3	Sodium iodate	INaO3	7681-55-2	197.893173
CORROSION-MSEPUB	NASCN	Sodium thiocyanate	CNNaS		81.073769
CORROSION-MSEPUB	NASCN.1H2O	Sodium thiocyanate monohydrate	CH2NNaOS		99.089111
CORROSION-MSEPUB	NATROLITE	Disodium dialuminum trisilicon decaoxide dihydrate	Al2H4Na2O12Si3		380.224213
CORROSION-MSEPUB	NATRONITEH	2-Iron-0.33-aluminum-3.67-silicon-0.33-hydrogen decaoxide dihydroxide	Al0.33H2.33Fe2Si3.67O12		418.013062
CORROSION-MSEPUB	NBO	Niobium(II) oxide	NbO		108.9058
CORROSION-MSEPUB	NBO2	Niobium(IV) oxide	NbO2	12034-59-2	124.905197
CORROSION-MSEPUB	NDCLO43	Neodymium(III) perchlorate	Cl3NdO12		442.591797
CORROSION-MSEPUB	NDNO33	Neodymium(III) nitrate	N3NdO9		330.2547
CORROSION-MSEPUB	NH42CR2O7	Ammonium dichromate(VI)	Cr2H8N2O7		252.064957
CORROSION-MSEPUB	NH42CRO4	Ammonium chromate	CrH8N2O4	7788-98-9	152.070755
CORROSION-MSEPUB	NH4BR	Ammonium bromide	BrH4N	12124-97-9	97.942581
CORROSION-MSEPUB	NH4I	Ammonium iodide	H4IN	12027-06-4	144.943573
CORROSION-MSEPUB	NH4IO3	Ammonium iodate	H4INO3		192.941772
CORROSION-MSEPUB	NH4SCN	Ammonium thiocyanate	CH4N2S	1762-95-4	76.122383
CORROSION-MSEPUB	NI3O4	Trinickel tetraoxide	Ni3O4		240.007599
CORROSION-MSEPUB	NICR2O4	Dichromium nickel tetraoxide	Cr2NiO4		226.659607
CORROSION-MSEPUB	NIFE2O4	Diiron nickel tetraoxide	Fe2NiO4		234.361603
CORROSION-MSEPUB	NIIIIION	Nickel ion(+3)	Ni+3		58.669998
CORROSION-MSEPUB	NIO	Nickel(II) oxide	NiO	1313-99-1	74.669403
CORROSION-MSEPUB	NIO2	Nickel(IV) oxide	NiO2		90.6688
CORROSION-MSEPUB	NIOH3	Nickel(III) hydroxide	H3NiO3	12054-48-7	109.692108

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	NISCN2	Nickel(II) thiocyanate	C2N2NiS2		174.837601
CORROSION-MSEPUB	NISCNION	Nickel(II) thiocyanate ion(+1)	CNNiS+1		116.753799
CORROSION-MSEPUB	NISO4	Nickel(II) sulfate	NiO4S	7786-81-4	154.733597
CORROSION-MSEPUB	NISO4.6H2O	Nickel(II) sulfate hexahydrate	H12NiO10S		262.825653
CORROSION-MSEPUB	NISO4.7H2O	Nickel(II) sulfate heptahydrate	H14NiO11S		280.840973
CORROSION-MSEPUB	NISO4B	Nickel(II) sulfate (beta)	NiO4S		154.733597
CORROSION-MSEPUB	NISO4B.6H2O	Nickel(II) sulfate hexahydrate (beta)	H12NiO10S		262.825653
CORROSION-MSEPUB	NTI	Titanium(III) nitride	NTi		61.8867
CORROSION-MSEPUB	OKENITE	Calcium disilicon tetraoxide dihydroxide hydrate	CaH4O7Si2		212.276688
CORROSION-MSEPUB	PB3O4	Trilead tetraoxide	O4Pb3		685.597595
CORROSION-MSEPUB	PBCRO4	Lead chromate	CrO4Pb		323.193604
CORROSION-MSEPUB	PBIVION	Lead(IV) ion(+4)	Pb+4		207.199997
CORROSION-MSEPUB	PBO2	Lead(IV) oxide	O2Pb	1309-60-0	239.198807
CORROSION-MSEPUB	PBOH2	Lead(II) hydroxide	H2O2Pb		241.214737
CORROSION-MSEPUB	PBSCN2	Lead(II) thiocyanate	C2N2PbS2		323.367615
CORROSION-MSEPUB	PBSCNION	Lead(II) thiocyanate ion(+1)	CNPbS+1		265.283813
CORROSION-MSEPUB	PDO	Palladium(II) oxide	OPd	1314-08-5	122.419403
CORROSION-MSEPUB	PETALITE	Lithium aluminum tetrasilicon decaoxide	AlLiO10Si4		306.258453
CORROSION-MSEPUB	PRCLO43	Praseodymium perchlorate	Cl3O12Pr		439.259491
CORROSION-MSEPUB	PRNO33	Praseodymium(III) nitrate	N3O9Pr		326.922394
CORROSION-MSEPUB	PTBR2	Platinum(II) bromide	Br2Pt		354.888
CORROSION-MSEPUB	PTIICL2	Platinum(II) chloride	Cl2Pt	10025-65-7	265.985992
CORROSION-MSEPUB	PTOH4	Platinum(IV) hydroxide	H4O4Pt		263.109467
CORROSION-MSEPUB	QUARTZ	Silicon dioxide (trigonal)	O2Si		60.084301
CORROSION-MSEPUB	RANKINITE	Tricalcium disilicon heptaoxide	Ca3O7Si2		288.400787

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	RBBRO3	Rubidium bromate	BrO3Rb		213.369995
CORROSION-MSEPUB	RBCLO3	Rubidium chlorate	ClO3Rb		168.919006
CORROSION-MSEPUB	RBCLO4	Rubidium perchlorate	ClO4Rb		184.918396
CORROSION-MSEPUB	RBIO3	Rubidium iodate	IO3Rb		260.371002
CORROSION-MSEPUB	RUTILE	Titanium(IV) oxide (rutile)	O2Ti	13463-67-7	79.878799
CORROSION-MSEPUB	SANBORNITE	Barium disilicon pentaoxide	BaO5Si2		273.497986
CORROSION-MSEPUB	SAPONITEH	0.33-Hydrogen-3-magnesium-0.33-aluminum-3.67-silicon decaoxide dihydr	Al0.33H2.33Mg3O12Si3.67		379.23407
CORROSION-MSEPUB	SAPONITEMG	3.165-Magnesium-0.33-aluminum-3.67-silicon decaoxide dihydroxide	Al0.33H2Mg3.165O12Si3.67		382.911774
CORROSION-MSEPUB	SB2O5	Antimony(V) oxide	O5Sb2	1314-60-9	323.497009
CORROSION-MSEPUB	SBBR3	Antimony(III) bromide	Br3Sb	7789-61-9	361.462006
CORROSION-MSEPUB	SBCL3	Antimony(III) chloride	Cl3Sb	10025-91-9	228.108994
CORROSION-MSEPUB	SBO4ION	Antimonate ion(-3)	O4Sb-3		185.747604
CORROSION-MSEPUB	SBOCL	Antimony(III) oxide chloride	SbOCl	7791-08-4	173.202393
CORROSION-MSEPUB	SCNION	Thiocyanate ion(-1)	CNS-1		58.083801
CORROSION-MSEPUB	SCOLECITE	Calcium dialuminum trisilicon decaoxide trihydrate	Al2CaH6O13Si3		392.337585
CORROSION-MSEPUB	SI3N4	Trisilicon tetranitride (alpha)	N4Si3	12033-89-5	140.283295
CORROSION-MSEPUB	SM2O3	Samarium oxide	O3Sm2		348.718201
CORROSION-MSEPUB	SM2O3M	Samarium oxide (monoclinic)	O3Sm2		348.718201
CORROSION-MSEPUB	SMCLO43	Samarium perchlorate	Cl3O12Sm		448.711792
CORROSION-MSEPUB	SMNO33	Samarium(III) nitrate	N3O9Sm		336.374695
CORROSION-MSEPUB	SNO2	Tin(IV) oxide	O2Sn	18282-10-5	150.708801
CORROSION-MSEPUB	SNS	Tin(II) sulfide	SSn	1314-95-0	150.776001
CORROSION-MSEPUB	SNS2	Tin(IV) disulfide	S2Sn	1315-01-1	182.841995
CORROSION-MSEPUB	SNSCN2	Tin(II) thiocyanate	C2N2S2Sn		234.877594
CORROSION-MSEPUB	SNSCN3ION	Tin(II) trithiocyanate ion(-1)	C3N3S3Sn-1		292.961395

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	SNSCNION	Tin(II) monothiocyanate ion(+1)	CNSSn+1		176.793793
CORROSION-MSEPUB	SRCL042	Strontium perchlorate	Cl2O8Sr		286.52121
CORROSION-MSEPUB	SRO	Strontium oxide	OSr	1314-11-0	103.6194
CORROSION-MSEPUB	SRS2O3	Strontium thiosulfate	O3S2Sr		199.750198
CORROSION-MSEPUB	TA2N	Ditantalum nitride	NTa2		375.902496
CORROSION-MSEPUB	TAN	Tantalum nitride	NTa		194.954605
CORROSION-MSEPUB	TBBR3	Terbium bromide	Br3Tb		398.63739
CORROSION-MSEPUB	TBCLO43	Terbium perchlorate	Cl3O12Tb		457.277191
CORROSION-MSEPUB	TBNO33	Terbium(III) nitrate	N3O9Tb		344.940094
CORROSION-MSEPUB	TL2O	Thallium(I) oxide	OTl2	1314-12-1	424.765411
CORROSION-MSEPUB	TL2O3	Thallium(III) oxide	O3Tl2	1314-32-5	456.764191
CORROSION-MSEPUB	TL2SO4	Thallium(I) sulfate	O4STl2	7446-18-6	504.82959
CORROSION-MSEPUB	TLACET	Thallium(I) acetate	C2H3O2Tl	563-68-8	263.427917
CORROSION-MSEPUB	TLCLO4	Thallium(I) perchlorate	ClO4Tl		303.833588
CORROSION-MSEPUB	TLNO3	Thallium(I) nitrate	NO3Tl		266.387909
CORROSION-MSEPUB	TLOHION	Thallium(III) hydroxide ion(+2)	HOTl+2		221.390366
CORROSION-MSEPUB	TM2O3	Thulium(III) oxide	O3Tm2		385.866608
CORROSION-MSEPUB	TMCL043	Thulium perchlorate	Cl3O12Tm		467.286011
CORROSION-MSEPUB	TOBERMOR11A	Pentacalcium hexasilicon undecahydrogen-22.5-oxide	Ca5H11O22.5Si6		739.977173
CORROSION-MSEPUB	TOBERMOR14A	Pentacalcium hexasilicon henicosaahydrogen-27.5-oxide	Ca5H21O27.5Si6		830.053894
CORROSION-MSEPUB	TOBERMOR9A	Pentacalcium hexasilicon hexahydrogen icosaoxide	Ca5H6O20Si6		694.938843
CORROSION-MSEPUB	U4O9	Tetrauranium nonaoxide	O9U4		1096.102173
CORROSION-MSEPUB	UO2OH2	Uranyl(VI) hydroxide	H2O4U		304.040436
CORROSION-MSEPUB	UO3	Uranium(VI) oxide	O3U	1344-58-7	286.025085
CORROSION-MSEPUB	UO3.2H2O	Uranium(VI) oxide dihydrate	H4O5U		322.055786

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
CORROSION-MSEPUB	V2O2	Divanadium dioxide	O2V2		133.881805
CORROSION-MSEPUB	V2O5	Vanadium(V) pentoxide	O5V2	1314-62-1	181.880005
CORROSION-MSEPUB	VO	Vanadium(II) oxide	OV		66.940903
CORROSION-MSEPUB	WO3	Tungsten(VI) oxide	O3W	1314-35-8	231.848206
CORROSION-MSEPUB	WURTZITE	Zinc sulfide (hexagonal)	SZn	1314-98-3	97.456001
CORROSION-MSEPUB	WUSTITE	0.947-Iron oxide	Fe0.947O		68.886513
CORROSION-MSEPUB	XONOTLITE	Hexacalcium hexasilicon heptadecaoxide dihydroxide	Ca6H2O19Si6		714.985535
CORROSION-MSEPUB	YBNO33	Ytterbium nitrate	N3O9Yb		359.054688
CORROSION-MSEPUB	ZN3ASO42	Zinc arsenate(VI)	As2O8Zn3		474.008392
CORROSION-MSEPUB	ZNCLO42	Zinc perchlorate	Cl2O8Zn	13637-61-1	264.291199
CORROSION-MSEPUB	ZNO	Zinc oxide	OZn	1314-13-2	81.389397
CORROSION-MSEPUB	ZNOH4ION	Zinc tetrahydroxide ion(-2)	H4O4Zn-2		133.419479
CORROSION-MSEPUB	ZNSCN2	Zinc dithiocyanate	C2N2S2Zn		181.557602
CORROSION-MSEPUB	ZNSCN3ION	Zinc trithiocyanate ion(-1)	C3N3S3Zn-1		239.641403
CORROSION-MSEPUB	ZNSCN4ION	Zinc tetrathiocyanate ion(-4)	C4N4S4Zn-2		297.725189
CORROSION-MSEPUB	ZNSCNION	Zinc monothiocyanate ion(+1)	CNSZn+1		123.473801
GEOCHEM	ACRIST	Silicon dioxide (tetragonal)	O2Si		60.084301
GEOCHEM	AEGERINE	Sodium iron disilicon hexaoxide	FeNaO6Si2		231.004364
GEOCHEM	AL2O3	Aluminum oxide	Al2O3	1344-28-1	101.961281
GEOCHEM	AL2SILICAT	Dialuminum tetrasilicon decaoxide dihydroxide	Al2H2O12Si4		360.313812
GEOCHEM	ALBITE	Sodium aluminum trisilicon octaoxide	AlNaO8Si3	12244-10-9	262.223206
GEOCHEM	ALBITEHIGH	Sodium aluminum trisilicon octaoxide (high albite)	AlNaO8Si3		262.223206
GEOCHEM	ALBITELOWTEMP	Sodium aluminum trisilicon octaoxide (LOWTEMP albite)	AlNaO8Si3		262.223206
GEOCHEM	ANDALUSITE	Dialuminum silicon pentaoxide (orthorhombic)	Al2O5Si		162.045578
GEOCHEM	ANDRADITE	Tricalcium diiron trisilicon dodecaoxide	Ca3Fe2O12Si3		508.177307
GEOCHEM	ANTIGORITE	Octatetracontamagnesium pentatricosilicon pentaoctacontaoxide 62hy	Mg48H62Si34O147		4535.953125
GEOCHEM	ARAGONITE	Calcium carbonate (aragonite)	CCaO3	471-34-1	100.087303
GEOCHEM	BA2SIO4	Dibarium silicon tetraoxide	Ba2O4Si		366.743103
GEOCHEM	BASIO3	Barium silicon trioxide	BaO3Si		213.413696
GEOCHEM	BI2O3	Bismuth oxide	Bi2O3	1304-76-3	465.959015
GEOCHEM	CA2MGSIO2O7	Dicalcium magnesium disilicon heptaoxide	Ca2MgO7Si2	14567-90-9	272.627808
GEOCHEM	CA3MGSIO42	Tricalcium magnesium disilicon octaoxide	Ca3MgO8Si2	13596-18-4	328.7052
GEOCHEM	CA5OHPO43	Pentacalcium hydroxide phosphate	Ca5HO13P3		502.311462
GEOCHEM	CAAL2SIO8	Calcium dialuminum disilicon octaoxide	Al2CaO8Si2		278.207275

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
GEOCHEM	CAALALSIO6	Calcium dialuminum silicon hexaoxide	Al ₂ CaO ₆ Si		218.122986
GEOCHEM	CAFE2O4	Calcium diiron tetraoxide	CaFe ₂ O ₄		215.769608
GEOCHEM	CAFESIO32	Calcium iron disilicon hexaoxide	CaFeO ₆ Si ₂		248.092407
GEOCHEM	CAMG3CO34	Calcium trimagnesium carbonate	C ₄ CaMg ₃ O ₁₂		353.030212
GEOCHEM	CAMGSIO4	Calcium magesium silicon tetraoxide	CaMgO ₄ Si	14567-83-0	156.466095
GEOCHEM	CAO	Calcium oxide	CaO	1305-78-8	56.0774
GEOCHEM	CASIO3	Calcium silicon trioxide (wollastonite)	CaO ₃ Si	13983-17-0	116.161697
GEOCHEM	CDSIO3	Cadmium silicon trioxide	CdO ₃ Si		188.493698
GEOCHEM	CHALCEDONY	Silicon dioxide (hexagonal)	O ₂ Si		60.084301
GEOCHEM	CHRYSSOTILE	Trimagnesium disilicon pentaoxide tetrahydroxide (monoclinic)	H ₄ Mg ₃ O ₉ Si ₂		277.112488
GEOCHEM	CL14A	Pentamagnesium dialuminum trisilicon decaoxide octahydroxide (14A)	Al ₂ H ₈ Mg ₅ O ₁₈ Si ₃		555.797546
GEOCHEM	CL7A	Pentamagnesium dialuminum trisilicon decaoxide octahydroxide (7A)	Al ₂ H ₈ Mg ₅ O ₁₈ Si ₃		555.797546
GEOCHEM	CLINZOISIT	Dicalcium trialuminum trisilicon dodecaoxide hydroxide (monoclinic)	Al ₃ Ca ₂ HO ₁₃ Si ₃		454.3573
GEOCHEM	CO2SIO4	Dicobalt silicon tetraoxide	Co ₂ O ₄ Si		209.949493
GEOCHEM	COESITE	Silicon dioxide (monoclinic)	O ₂ Si		60.084301
GEOCHEM	CORROSION-AEDIERIT	Dimagnesium tetraaluminum pentasilicon octadecaoxide	Al ₄ Mg ₂ O ₁₈ Si ₅		584.952881
GEOCHEM	CR2O3	Chromium(III) oxide	Cr ₂ O ₃	1308-38-9	151.990204
GEOCHEM	CU2OH2CO3	Dicopper dihydroxide carbonate	CCu ₂ H ₂ O ₅	12069-69-1	221.116043
GEOCHEM	CU3OH2CO32	Tricopper dihydroxide dicarbonate	C ₂ Cu ₃ H ₂ O ₈		344.671326
GEOCHEM	CU5FEIIS4	Pentacopper(I) iron(III) tetrasulfide	Cu ₅ FeS ₄		501.841003
GEOCHEM	CUFEIIS2	Copper(II) iron(II) disulfide	CuFeS ₂	1308-56-1	183.524994
GEOCHEM	CUO	Copper(II) oxide	CuO	1317-38-0	79.545403
GEOCHEM	DIASPORE	Aluminum oxide hydroxide (diaspore)	AlHO ₂		59.988312
GEOCHEM	DIOPSIDE	Calcium magnesium disilicon hexaoxide (monoclinic)	CaMgO ₆ Si ₂	14483-19-3	216.5504
GEOCHEM	DISDOL	Calcium magnesium carbonate (disordered dolomite)	C ₂ CaMgO ₆		184.401596
GEOCHEM	DOLomite	Calcium magnesium carbonate	C ₂ CaMgO ₆		184.401596
GEOCHEM	DY2O3	Dysprosium oxide	Dy ₂ O ₃	1308-87-8	372.998199
GEOCHEM	ENSTATITE	Magnesium silicon trioxide (orthorhombic)	MgO ₃ Si		100.388702
GEOCHEM	ER2O3	Erbium oxide	Er ₂ O ₃	12061-16-4	382.518188
GEOCHEM	EU2O3	Europium oxide	Eu ₂ O ₃	1308-96-9	351.918213
GEOCHEM	EUIIO	Europium(II) oxide	EuO		167.959396
GEOCHEM	EYB2O3	Ytterbium oxide	O ₃ Yb ₂	1314-37-0	394.078186
GEOCHEM	FEIISIO4	Diiron silicon tetraoxide	Fe ₂ O ₄ Si	13918-37-1	203.7771
GEOCHEM	FEIII2O3	Iron(III) oxide	Fe ₂ O ₃	1309-37-1	159.6922
GEOCHEM	FEIISIO3	Iron silicon trioxide	FeO ₃ Si		131.930695
GEOCHEM	FEO	Iron(II) oxide	FeO	1345-25-1	71.846397
GEOCHEM	FEOOH	Iron(III) oxide hydroxide	FeHO ₂	20344-49-4	88.853767
GEOCHEM	FORSTERITE	Dimagnesium silicon tetraoxide	Mg ₂ O ₄ Si		140.6931
GEOCHEM	GD2O3	Gadolinium oxide	Gd ₂ O ₃	12064-62-9	362.498199
GEOCHEM	GEHLENITE	Dicalcium dialuminum silicon heptaoxide	Al ₂ Ca ₂ O ₇ Si		274.200378
GEOCHEM	GROSSULAR	Tricalcium dialuminum trisilicon dodecaoxide	Al ₂ Ca ₃ O ₁₂ Si ₃		450.446381
GEOCHEM	HO2O3	Holmium oxide	Ho ₂ O ₃	12055-62-8	377.859009
GEOCHEM	HYDCORROSION-AED	Dimagnesium tetraluminum pentasilicon octadecaoxide	Al ₄ Mg ₂ O ₁₈ Si ₅		584.952881
GEOCHEM	HYDCORROSION-AED.1H2O	Dimagnesium tetraluminum pentasilicon dodecaoxide monohydrate	Al ₄ H ₂ Mg ₂ O ₁₉ Si ₅		602.968201
GEOCHEM	K2O	Potassium oxide	K ₂ O		94.195999
GEOCHEM	K2SI2O5	Dipotassium disilicon pentaoxide	K ₂ O ₅ Si ₂		214.364594
GEOCHEM	K2SIO3	Dipotassium silicon trioxide	K ₂ O ₃ Si		154.280304
GEOCHEM	KAL3SULFAT	Potassium trialuminum hexahydroxide sulfate	Al ₃ H ₆ KO ₁₄ S ₂	1302-91-6	414.214325
GEOCHEM	KALSI3O8	Potassium aluminum trisilicon octaoxide (monoclinic, high-T form)	AlKO ₈ Si ₃		278.331543
GEOCHEM	KALSIO4	Potassium aluminum silicon tetraoxide	AlKO ₄ Si		158.162933

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
GEOCHEM	KAOLINITE	Dialuminum disilicon pentaoxide tetrahydroxide	Al ₂ H ₄ O ₉ Si ₂	1318-74-7	258.160553
GEOCHEM	KFELDSPAR	Potassium aluminum trisilicon octaoxide (monoclinic)	AlK ₂ O ₈ Si ₃		278.331543
GEOCHEM	KYANITE	Dialuminum silicon pentaoxide (triclinic)	Al ₂ O ₅ Si		162.045578
GEOCHEM	LA2O3	Lanthanum oxide	La ₂ O ₃		325.809204
GEOCHEM	LARNITE	Dicalcium silicon tetraoxide (monoclinic)	Ca ₂ O ₄ Si		172.239105
GEOCHEM	LAUMONTAN	Laumontite anhydrous	Al ₂ CaO ₁₂ Si ₄		398.375885
GEOCHEM	LAUMONTITE	Calcium dialuminum tetrasilicon dodecaoxide tetrahydrate	Al ₂ CaH ₈ O ₁₆ Si ₄		470.437225
GEOCHEM	LAWSONITE	Calcium dialuminum disilicon heptaoxide dihydroxide	Al ₂ CaH ₂ O ₉ Si ₂		296.222626
GEOCHEM	LAWSONITE.1H2O	Calcium dialuminum disilicon heptaoxide dihydroxide monohydrate	Al ₂ CaH ₄ O ₁₀ Si ₂		314.237946
GEOCHEM	LU2O3	Lutetium oxide	Lu ₂ O ₃	12032-20-1	397.93219
GEOCHEM	MAGNESITE	Pentamagnesium dihydroxide carbonate tetrahydrate	C ₄ H ₁₀ Mg ₅ O ₁₈	39409-82-0	467.638306
GEOCHEM	MAGNETITE	Triiron tetraoxide	Fe ₃ O ₄	1317-61-9	231.538605
GEOCHEM	MARGARITE	Calcium tetraaluminum disilicon decaoxide dihydroxide	Al ₄ CaH ₂ O ₁₂ Si ₂		398.183899
GEOCHEM	MAXMIC	Potassium aluminum trisilicon octaoxide (triclinic)	AlK ₂ O ₈ Si ₃		278.331543
GEOCHEM	MAYENITE	Dodecacalcium tetradecaaluminum tritriacontaoxide	Al ₁₄ Ca ₁₂ O ₃₃		1386.657715
GEOCHEM	MG2OH2CO3	Dimagnesium dihydroxide carbonate	CH ₂ Mg ₂ O ₅		142.634033
GEOCHEM	MG2OH2CO3.3H2O	Dimagnesium dihydroxide carbonate trihydrate	CH ₈ Mg ₂ O ₈		196.680054
GEOCHEM	MG7SILICAT	Heptamagnesium disilicon octaoxide dihydroxide	H ₂ Mg ₇ O ₂₄ Si ₈		780.820557
GEOCHEM	MGAL2O4	Magnesium dialuminum tetraoxide	Al ₂ MgO ₄	1302-67-6	142.265686
GEOCHEM	MGFE2O4	Magnesium diiron tetraoxide	Fe ₂ MgO ₄		199.996597
GEOCHEM	MGO	Magnesium oxide	MgO	1309-48-4	40.304401
GEOCHEM	MN2SIO4	Dimanganese silicon tetraoxide	Mn ₂ O ₄ Si		201.959106
GEOCHEM	MNO	Manganese(II) oxide	MnO		70.937401
GEOCHEM	MNSIO3	Manganese silicon trioxide	MnSiO ₃		131.021698
GEOCHEM	MUSCOVITE	Potassium trialuminum trisilicon decaoxide dihydroxide	Al ₃ H ₂ KO ₁₂ Si ₃	1318-94-1	398.308167
GEOCHEM	NA2O	Sodium oxide	Na ₂ O	1313-59-3	61.97934
GEOCHEM	NA2SI2O5	Disodium disilicon pentaoxide	Na ₂ O ₅ Si ₂		182.147934
GEOCHEM	NA2SIO3.8H2O	Disodium silicon trioxide octahydrate	H ₁₆ Na ₂ O ₁₁ Si		266.186371
GEOCHEM	NA4SIO4	Tetrasodium silicon tetraoxide	Na ₄ O ₄ Si		184.042984
GEOCHEM	NAALSIO6	Sodium aluminum disilicon hexaoxide (anhydrous analcime)	AlNaO ₆ Si ₂	1318-10-1	202.138916
GEOCHEM	NAALSIO6.1H2O	Sodium aluminum disilicon hexaoxide monohydrate	AlH ₂ NaO ₇ Si ₂	1318-10-1	220.154251
GEOCHEM	NAALSIO32	Sodium aluminum disilicon hexaoxide (monoclinic, high-T,P)	AlNaO ₆ Si ₂		202.138916
GEOCHEM	NAALSIO4	Sodium aluminum silicon tetraoxide	AlNaO ₄ Si	12251-27-3	142.054611
GEOCHEM	NAJAROSITE	Sodium triiron(III) hexahydroxide sulfate	Fe ₃ H ₆ NaO ₁₄ S ₂		484.702393
GEOCHEM	ND2O3	Neodymium oxide	Nd ₂ O ₃	1313-97-9	336.47821
GEOCHEM	NIO	Nickel(II) oxide	NiO		74.669403
GEOCHEM	OLIVINE	Dicalcium silicon tetraoxide (orthorhombic)	Ca ₂ O ₄ Si		172.239105
GEOCHEM	ORDDOL	Calcium magnesium carbonate (ordered dolomite)	C ₂ CaMgO ₆		184.401596
GEOCHEM	PARAGONITE	Sodium trialuminum trisilicon decaoxide dihydroxide	Al ₃ H ₂ NaO ₁₂ Si ₃		382.199829
GEOCHEM	PBOH2	Lead(II) hydroxide	H ₂ O ₂ Pb	1311-11-1	241.214737
GEOCHEM	PBSIO3	Lead silicon trioxide	O ₃ PbSi		283.283691
GEOCHEM	PDO	Palladium(II) oxide	OPd		122.419403
GEOCHEM	PR2O3	Praseodymium oxide	O ₃ Pr ₂	12036-32-7	329.813599
GEOCHEM	PREHNITE	Dicalcium dialuminum trisilicon decaoxide dihydroxide	Al ₂ Ca ₂ H ₂ O ₁₂ Si ₃		412.384308
GEOCHEM	PWOLLAST	Calcium silicon trioxide (pseudowollastonite)	CaO ₃ Si		116.161697
GEOCHEM	PYROPE	Trimagnesium dialuminum trisilicon dodecaoxide	Al ₂ Mg ₃ O ₁₂ Si ₃		403.12738
GEOCHEM	QUARTZ	Silicon dioxide (trigonal)	O ₂ Si		60.084301
GEOCHEM	RUTILE	Titanium(IV) oxide (rutile)	O ₂ Ti	13463-67-7	79.878799
GEOCHEM	SEPIOLITE	Tetramagnesium hexasilicon pentadecaoxide dihydroxide pentahydrate	H ₁₄ Mg ₄ O ₂₃ Si ₆		647.83075
GEOCHEM	SILLIMANIT	Dialuminum silicon pentaoxide (orthorhombic, high-T form)	Al ₂ O ₅ Si		162.045578

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
GEOCHEM	SM2O3	Samarium oxide	O3Sm2	12060-58-1	348.718201
GEOCHEM	SNO	Tin(II) oxide	O2Sn	21651-19-4	134.709396
GEOCHEM	SNO2	Tin(IV) oxide	O2Sn	18282-10-5	150.708801
GEOCHEM	SNS	Tin(II) sulfide	SSn	1314-95-0	150.776001
GEOCHEM	SNS2	Tin(IV) disulfide	S2Sn	1315-01-1	182.841995
GEOCHEM	SPHENE	Calcium titanium silicon pentaoxide	CaO5SiTi		196.040497
GEOCHEM	SR2SIO4	Strontium silicon tetraoxide	SiSr2O4		267.32309
GEOCHEM	SR5SIO3	Strontium silicon trioxide	O3SiSr		163.703705
GEOCHEM	TALC	Trimagnesium tetrasilicon decaoxide dihydroxide	H2Mg3O12Si4	14807-96-6	379.265747
GEOCHEM	TREMOLITE	Dicalcium pentamagnesium octasilicon docosaoxide dihydroxide	Ca2H2Mg5O24Si8	14567-73-8	812.366516
GEOCHEM	USIO4	Uranium silicon tetraoxide	O4SiU		330.109985
GEOCHEM	WAIRAKITAN	Wairakite anhydrous	Al2CaO12Si4		398.375885
GEOCHEM	WAIRAKITE	Calcium dialuminum tetrasilicon dodecaoxide dihydrate	Al2CaH4O14Si4		434.406555
GEOCHEM	WURTZITE	Zinc sulfide (hexagonal)	SZn		97.456001
GEOCHEM	ZN2SIO4	Dizinc silicon tetraoxide	O4SiZn2		222.863098
GEOCHEM	ZN5CLOH	Pentazinc octahydroxide dichloride	Cl2H8O8Zn5		533.914978
GEOCHEM	ZN5CLOH.1H2O	Pentazinc octahydroxide dichloride monohydrate	Cl2H10O9Zn5		551.930298
GEOCHEM	ZNFE2O4	Zinc diiron(III) tetraoxide	Fe2O4Zn		241.081604
GEOCHEM	ZNO	Zinc oxide	OZn	1314-13-2	81.389397
GEOCHEM	ZNOH2EPS	Zinc hydroxide	H2O2Zn		99.404739
GEOCHEM	ZNSIO3	Zinc silicon trioxide	O3SiZn		141.473694
GEOCHEM	ZOISITE	Dicalcium trialuminum trisilicon dodecaoxide hydroxide (orthorhom.)	Al3Ca2HO13Si3		454.3573
GEOCHEM	ZRSIO4	Zirconium silicon tetraoxide	O4SiZr	10101-52-7	183.307098
LOWTEMP	AG2O	Silver(I) oxide	Ag2O	20667-12-3	231.735794
LOWTEMP	AG2SEO4	Disilver selenium tetraoxide	Ag2O4Se	7784-07-8	358.694
LOWTEMP	AG2SO4	Silver(I) sulfate	Ag2O4S	10294-26-5	311.799988
LOWTEMP	AGACET	Silver(I) acetate	C2H3AgO2		166.913116
LOWTEMP	AGBR	Silver(I) bromide	AgBr	7785-23-1	187.772202
LOWTEMP	AGCL	Silver chloride	AgCl	7783-90-6	143.321198
LOWTEMP	AGF.4H2O	Silver(I) fluoride tetrahydrate	AgFH8O4		198.927963
LOWTEMP	AGI	Silver iodide	AgI	7783-96-2	234.773193
LOWTEMP	AGNO2	Silver nitrite	AgNO2		153.873703
LOWTEMP	AGNO3	Silver nitrate	AgNO3	7761-88-8	169.873093
LOWTEMP	AL2SO43	Aluminum sulfate	Al2O12S3		342.1539
LOWTEMP	AL2SO43.16H2O	Aluminum sulfate hexadecahydrate	Al2H32O28S3		630.399292
LOWTEMP	ALCL3.6H2O	Aluminum chloride hexahydrate	AlCl3H12O6	7784-13-6	241.432587
LOWTEMP	ALF3.3H2O	Aluminum fluoride trihydrate	AlF3H6O3	15098-87-0	138.022766
LOWTEMP	ALNO33.9H2O	Aluminum nitrate nonahydrate	AlH18N3O18	7784-27-2	375.134308
LOWTEMP	AS2O5.4H2O	Arsenic(V) oxide tetrahydrate	As2H8O9		301.90155
LOWTEMP	BAAC2.3H2O	Barium acetate trihydrate	C4H12BaO7		309.465851
LOWTEMP	BABR2.2H2O	Barium bromide dihydrate	BaBr2H4O2		333.168671
LOWTEMP	BACL2.2H2O	Barium chloride dihydrate	BaCl2H4O2	10326-27-9	244.266678
LOWTEMP	BACOOH2	Barium formate	C2H2BaO4		227.365738
LOWTEMP	BAF2	Barium fluoride	BaF2	7787-32-8	175.326813
LOWTEMP	BAI2.7.5H2O	Barium iodide 7.5 hydrate	BaH15I2O7.5		526.255066
LOWTEMP	BANO22.1H2O	Barium nitrite monohydrate	BaH2N2O5	7787-38-4	247.356339
LOWTEMP	BANO32	Barium nitrate	BaN2O6	10022-31-8	261.339813
LOWTEMP	BAOH2.8H2O	Barium hydroxide octahydrate	BaH18O10	12230-71-6	315.467468
LOWTEMP	BAOX.3.5H2O	Barium oxalate 3.5 hydrate	C2H7BaO7.5		288.403503
LOWTEMP	BAS	Barium sulfide	BaS	21109-95-5	169.395996

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
LOWTEMP	CAACET2.2H2O	Calcium acetate dihydrate	C4H10CaO6		194.198502
LOWTEMP	CABR2.6H2O	Calcium bromide hexahydrate	Br2CaH12O6		307.978027
LOWTEMP	CAC2O4.1H2O	Calcium oxalate monohydrate	C2H2CaO5		146.113144
LOWTEMP	CACL2.6H2O	Calcium chloride hexahydrate	CaCl2H12O6	7774-34-7	219.076035
LOWTEMP	CACOOH2	Calcium formate	C2H2CaO4	544-17-2	130.113739
LOWTEMP	CAI2	Calcium iodide	CaI2	10102-68-8	293.888
LOWTEMP	CANO22.4H2O	Calcium nitrite tetrahydrate	CaH8N2O8		204.15036
LOWTEMP	CANO32.4H2O	Calcium nitrate tetrahydrate	CaH8N2O10		236.149155
LOWTEMP	CASO4.2H2O	Calcium sulfate dihydrate	CaH4O6S		172.172287
LOWTEMP	CDBR2.4H2O	Cadmium bromide tetrahydrate	Br2CdH8O4		344.279358
LOWTEMP	CDCL2.2.5H2O	Cadmium chloride 2.5-hydrate	CdCl2H5O2.5		228.354355
LOWTEMP	CDCOOH2.2H2O	Cadmium formate dihydrate	C2H6CdO6		238.476425
LOWTEMP	CDI2	Cadmium iodide	CdI2	7790-80-9	366.220001
LOWTEMP	CDSEO4.2H2O	Cadmium selenate dihydrate	CdH4O6Se		291.398285
LOWTEMP	CDSO4.2.6H2O	Cadmium sulfate 2.6 hydrate	CdH5.2O6.6S		255.313477
LOWTEMP	COIIBR2.6H2O	Cobalt(II) bromide hexahydrate	Br2CoH12O6		326.833252
LOWTEMP	COIICL2.6H2O	Cobalt(II) chloride hexahydrate	Cl2CoH12O6		237.931244
LOWTEMP	COIICO3	Cobalt(II) carbonate	CCoO3		118.942497
LOWTEMP	COIINO32.6H2O	Cobalt(II) nitrate hexahydrate	CoH12N2O12		291.035034
LOWTEMP	COIIS	Cobalt(II) sulfide	CoS		90.999199
LOWTEMP	COIISO4.7H2O	Cobalt(II) sulfate heptahydrate	CoH14O11S		281.104187
LOWTEMP	COSEO4.7H2O	Cobalt(II) selenate heptahydrate	CoH14O11Se		327.998169
LOWTEMP	CRIIINO33.9H2O	Chromium(III) nitrate nonahydrate	CrH18N3O18		400.148773
LOWTEMP	CRO3	Chromium(VI) trioxide	CrO3	1333-82-0	99.994202
LOWTEMP	CS2SO4	Cesium sulfate	Cs2O4S	10294-54-9	361.87439
LOWTEMP	CSCL	Cesium chloride	ClCs	7647-17-8	168.358398
LOWTEMP	CSCOOH.1H2O	Cesium formate monohydrate	CH3CsO3		195.938614
LOWTEMP	CSI	Cesium iodide	CsI	7789-17-5	259.810394
LOWTEMP	CSNBO3	Cesium niobate	CsNbO3		273.809998
LOWTEMP	CSNO3	Cesium nitrate	CsNO3	7789-18-6	194.910294
LOWTEMP	CSTAO3	Cesium tantalate	CsO3Ta		361.851501
LOWTEMP	CUBR2.4H2O	Copper(II) bromide tetrahydrate	Br2CuH8O4		295.415375
LOWTEMP	CUCL2.2H2O	Copper(II) chloride dihydrate	Cl2CuH4O2	10125-13-0	170.482681
LOWTEMP	CUNO32.6H2O	Copper(II) nitrate hexahydrate	CuH12N2O12		295.647827
LOWTEMP	CUSEO4.5H2O	Copper(II) selenate pentahydrate	CuH10O9Se		296.580292
LOWTEMP	CUSO4.5H2O	Copper(II) sulfate pentahydrate	CuH10O9S		249.686295
LOWTEMP	EY2SO43.8H2O	Yttrium sulfate octahydrate	H16O20S3Y2		610.125305
LOWTEMP	EYBR3	Yttrium(III) bromide	Br3Y		328.617889
LOWTEMP	EYCL3.6H2O	Yttrium(III) chloride hexahydrate	Cl3H12O6Y		303.356934
LOWTEMP	EYNO33	Yttrium nitrate	N3O9Y		274.920593
LOWTEMP	FECL3.6H2O	Iron(III) chloride hexahydrate	Cl3FeH12O6		270.298035
LOWTEMP	FEIIBR2.6H2O	Iron(II) bromide hexahydrate	Br2FeH12O6		323.74704
LOWTEMP	FEIICL2.6H2O	Iron(II) chloride hexahydrate	Cl2FeH12O6	18990-23-3	234.845047
LOWTEMP	FEIIINO33.9H2O	Iron(III) nitrate nonahydrate	FeH18N3O18		403.999756
LOWTEMP	FEIINO32.6H2O	Iron(II) nitrate hexahydrate	FeH12N2O12		287.948853
LOWTEMP	FEIISO4.7H2O	Iron(II) sulfate heptahydrate	FeH14O11S		278.017975
LOWTEMP	H2O	Water	H2O	7732-18-5	18.015341
LOWTEMP	HGBR2	Mercury(II) bromide	Br2Hg	7789-47-1	360.39801
LOWTEMP	HGCL2	Mercury(II) chloride	Cl2Hg	7487-94-7	271.496002
LOWTEMP	HGCN2	Mercury(II) cyanide	C2HgN2	592-04-1	252.625595

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
LOWTEMP	HGI2	Mercury(II) iodide	HgI2	7774-29-0	454.399994
LOWTEMP	K2C2O4.1H2O	Potassium oxalate monohydrate	C2H2K2O5		184.231735
LOWTEMP	K2CO3.1.5H2O	Potassium carbonate 1.5 hydrate	CH3K2O4.5		165.228912
LOWTEMP	K2CR2O7	Potassium dichromate(VI)	Cr2K2O7	7778-50-9	294.184387
LOWTEMP	K2HPO4.6H2O	Potassium hydrogen orthophosphate(V) hexahydrate	H13K2O10P		282.267975
LOWTEMP	K2MOO4	Potassium molybdate(VI)	K2MoO4	13446-49-6	238.134201
LOWTEMP	K2SE03.4H2O	Potassium selenite(IV) tetrahydrate	H8K2O7Se		277.216156
LOWTEMP	K2SEO4	Potassium selenate(VI)	K2O4Se		221.154205
LOWTEMP	K2SO3	Potassium sulfite(IV)	K2O3S	10117-38-1	158.260803
LOWTEMP	K2SO4.1H2O	Potassium sulfate(VI) monohydrate	H2K2O5S		192.275543
LOWTEMP	K3PO4.7H2O	Potassium orthophosphate(V) heptahydrate	H14K3O11P		338.373627
LOWTEMP	K4FECN6.3H2O	Potassium ferrocyanide(II) trihydrate	C6FeH6K4N6O3		422.393005
LOWTEMP	KBR	Potassium bromide	BrK	7758-02-3	119.002296
LOWTEMP	KCL	Potassium chloride	ClK	7447-40-7	74.5513
LOWTEMP	KClO3	Potassium chlorate(V)	ClO3K	3811-04-9	122.5495
LOWTEMP	KCN	Potassium cyanide	CKN	151-50-8	65.116096
LOWTEMP	KCOOH	Potassium formate	CHKO2	590-29-4	84.116173
LOWTEMP	KF.4H2O	Potassium fluoride tetrahydrate	FH8KO4	34341-58-7	130.158066
LOWTEMP	KH2PO4	Potassium dihydrogen orthophosphate(V)	H2KO4P	7778-77-0	136.085602
LOWTEMP	KHCO3	Potassium bicarbonate	CHKO3	298-14-6	100.11557
LOWTEMP	KI	Potassium iodide	IK	7681-11-0	166.003296
LOWTEMP	KIO3	Potassium iodate	IKO3	7758-05-6	214.001495
LOWTEMP	KMNO4	Potassium permanganate(VII)	KMnO4	7722-64-7	158.033905
LOWTEMP	KNBO3	Potassium niobate(V)	KNbO3		180.002899
LOWTEMP	KNO2	Potassium nitrite(III)	KNO2	7758-09-0	85.103798
LOWTEMP	KNO3	Potassium nitrate(VI)	KNO3	7757-79-1	101.103203
LOWTEMP	KOH.2H2O	Potassium hydroxide dihydrate	H5KO3		92.136353
LOWTEMP	KSCN	Potassium thiocyanate	CKNS		97.182098
LOWTEMP	KTAO3	Potassium tantalate(V)	KO3Ta		268.044403
LOWTEMP	LA2MOO43	Lanthanum(III) molybdate(VI)	La2Mo3O12		757.623779
LOWTEMP	LA2SO43.9H2O	Lanthanum(III) sulfate nonahydrate	H18La2O21S3		728.139832
LOWTEMP	LA2WO43	Lanthanum(III) tungstate(VI)	La2O12W3		1021.353821
LOWTEMP	LAcl3	Lanthanum(III) chloride	Cl3La	10099-58-8	245.264496
LOWTEMP	LAcl3.7H2O	Lanthanum(III) chloride heptahydrate	Cl3H14LaO7	10025-84-0	371.371887
LOWTEMP	Li2CO3	Lithium carbonate	CLi2O3	554-13-2	73.891098
LOWTEMP	Li2CRO4.2H2O	Lithium chromate(IV) dihydrate	CrH4Li2O6		165.906082
LOWTEMP	Li2SO4.1H2O	Lithium sulfate(VI) monohydrate	H2Li2O5S		127.960739
LOWTEMP	Li3VO4.9H2O	Lithium orthovanadate(V) nonahydrate	H18Li3O13V		297.899872
LOWTEMP	LIACET.2H2O	Lithium acetate dihydrate	C2H7LiO4		102.016487
LOWTEMP	LIBO2.8H2O	Lithium metaborate octahydrate	BH16LiO10		193.872452
LOWTEMP	LICL.2H2O	Lithium chloride dihydrate	ClH4LiO2		78.424583
LOWTEMP	LICOOH.1H2O	Lithium formate monohydrate	CH3LiO3		69.974113
LOWTEMP	LIF	Lithium fluoride	FLi	7789-24-4	25.939302
LOWTEMP	LIMO.0.75H2O	Lithium molybdate(VI)-0.75-water	H1.5Li2MoO4.75		187.330902
LOWTEMP	LINBO3	Lithium niobate(V)	LiNbO3		147.845505
LOWTEMP	LI0H.1H2O	Lithium hydroxide monohydrate	H3LiO2	1310-66-3	41.963612
LOWTEMP	LITAO3	Lithium tantalate(V)	LiO3Ta		235.886993
LOWTEMP	MGACET2.4H2O	Magnesium acetate tetrahydrate	C4H14MgO8		214.456177
LOWTEMP	MGBR2.6H2O	Magnesium bromide hexahydrate	Br2H12MgO6		292.205048
LOWTEMP	MGC2O4.2H2O	Magnesium oxalate dihydrate	C2H4MgO6		148.355484

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
LOWTEMP	MGCL2.6H2O	Magnesium chloride hexahydrate	Cl2H12MgO6	7791-18-6	203.30304
LOWTEMP	MGCOOH2.2H2O	Magnesium formate dihydrate	C2H6MgO6		150.371414
LOWTEMP	MG12.8H2O	Magnesium iodide octahydrate	H16I2MgO8		422.237732
LOWTEMP	MGNO32.6H2O	Magnesium nitrate hexahydrate	H12MgN2O12		256.40683
LOWTEMP	MGSEO4.6H2O	Magnesium selenate(VI) hexahydrate	H12MgO10Se		275.354645
LOWTEMP	MGSO3.6H2O	Magnesium sulfite hexahydrate	H12MgO9S		212.461243
LOWTEMP	MGSO4.7H2O	Magnesium sulfate heptahydrate	H14MgO11S		246.475983
LOWTEMP	MNBR2.4H2O	Manganese(II) bromide tetrahydrate	Br2H8MnO4		286.807373
LOWTEMP	MNC2O4.2H2O	Manganese(II) oxalate dihydrate	C2H4MnO6		178.98848
LOWTEMP	MNCL2.4H2O	Manganese(II) chloride tetrahydrate	Cl2H8MnO4	13446-34-9	197.905365
LOWTEMP	MNF2.4H2O	Manganese(II) fluoride tetrahydrate	F2H8MnO4		164.99617
LOWTEMP	MNNO32.6H2O	Manganese(II) nitrate hexahydrate	H12MnN2O12		287.039825
LOWTEMP	MNSO4.7H2O	Manganese(II) sulfate heptahydrate	H14MnO11S		277.108978
LOWTEMP	NA2C2O4	Sodium oxalate	C2Na2O4	62-76-0	133.999741
LOWTEMP	NA2CR2O7.2H2O	Sodium dichromate dihydrate	Cr2H4Na2O9		297.998413
LOWTEMP	NA2CRO4.10H2O	Sodium chromate(VI) decahydrate	CrH20Na2O14		342.126953
LOWTEMP	NA2HPO4.12H2O	Sodium hydrogen orthophosphate dodecahydrate	H25Na2O16P		358.143341
LOWTEMP	NA2MOO4.10H2O	Sodium molybdate(VI) decahydrate	H20MoNa2O14		386.070953
LOWTEMP	NA2S.9H2O	Sodium sulfide nonahydrate	H18Na2O9S		240.184006
LOWTEMP	NA2S2O3.5H2O	Sodium thiosulfate pentahydrate	H10Na2O8S2		248.186844
LOWTEMP	NA2SEO3.5H2O	Sodium selenite(IV) pentahydrate	H10Na2O8Se		263.014832
LOWTEMP	NA2SEO4.10H2O	Sodium selenate(VI) decahydrate	H20Na2O14Se		369.090942
LOWTEMP	NA2SO3.7H2O	Sodium sulfite heptahydrate	H14Na2O10S		252.15152
LOWTEMP	NA2SO4.10H2O	Sodium sulfate decahydrate	H20Na2O14S		322.19693
LOWTEMP	NA2WO4.2H2O	Sodium tungstate(VI) dihydrate	H4Na2O6W		329.858215
LOWTEMP	NAACET.3H2O	Sodium acetate trihydrate	C2H9NaO5		136.080902
LOWTEMP	NABO2.4H2O	Sodium metaborate tetrahydrate	BH8NaO6		137.860153
LOWTEMP	NABR.2H2O	Sodium bromide dihydrate	BrH4NaO2		138.924652
LOWTEMP	NACL	Sodium chloride	ClNa	7647-14-5	58.44297
LOWTEMP	NACLO3	Sodium chlorate(V)	ClNaO3	7775-09-9	106.44117
LOWTEMP	NACLO4.1H2O	Sodium perchlorate(VII) monohydrate	ClH2NaO5		140.455917
LOWTEMP	NACN.2H2O	Sodium cyanide dihydrate	CH4NNaO2		85.038452
LOWTEMP	NACOOH.3H2O	Sodium formate trihydrate	CH7NaO5		122.053864
LOWTEMP	NAF	Sodium fluoride	FNa	7681-49-4	41.988373
LOWTEMP	NAH2PO4.2H2O	Sodium dihydrogen orthophosphate dihydrate	H6NaO6P		156.00795
LOWTEMP	NAHCO3	Sodium bicarbonate	CHNaO3	144-55-8	84.00724
LOWTEMP	NAI.2H2O	Sodium iodide dihydrate	H4INaO2		185.925644
LOWTEMP	NAIO3.5H2O	Sodium iodate pentahydrate	H10INaO8		287.969879
LOWTEMP	NAMNO4.3H2O	Sodium permanganate(VII) trihydrate	H6MnNaO7		195.971588
LOWTEMP	NANBO3	Sodium niobium trioxide	NaNbO3		163.894577
LOWTEMP	NANO2	Sodium nitrite	NNaO2	7632-00-0	68.995468
LOWTEMP	NANO3	Sodium nitrate	NNaO3	7631-99-4	84.994873
LOWTEMP	NAOH.1H2O	Sodium hydroxide monohydrate	H3NaO2		58.01268
LOWTEMP	NASCN.1H2O	Sodium thiocyanate monohydrate	CH2NNaOS		99.089111
LOWTEMP	NATAO3	Sodium tantalate(V)	NaO3Ta		251.936066
LOWTEMP	NAVO3	Sodium metavanadate(V)	NaO3V		121.929672
LOWTEMP	NH42HPO4.2H2O	Ammonium hydrogen orthophosphate dihydrate	H13N2O6P		168.087173
LOWTEMP	NH42OX.1H2O	Ammonium oxalate monohydrate	C2H10N2O5		142.112305
LOWTEMP	NH42SO3.1H2O	Ammonium sulfite monohydrate	H10N2O4S	10196-04-0	134.156693
LOWTEMP	NH42SO4	Ammonium sulfate	H8N2O4S	7783-20-2	132.140762

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
LOWTEMP	NH4CL	Ammonium chloride	ClH4N	12125-02-9	53.491581
LOWTEMP	NH4CLO4	Ammonium perchlorate	ClH4NO4	7790-98-9	117.489182
LOWTEMP	NH4COOH	Ammonium formate	CH5NO2		63.05645
LOWTEMP	NH4F	Ammonium fluoride	FH4N	12125-01-8	37.036983
LOWTEMP	NH4H2PO4	Ammonium dihydrogen orthophosphate	H6NO4P	7722-76-1	115.025879
LOWTEMP	NH4HCO3	Ammonium bicarbonate	CH5NO3	1066-33-7	79.055847
LOWTEMP	NH4HF2	Ammonium hydrogen difluoride	F2H5N	1341-49-7	57.043358
LOWTEMP	NH4NO2	Ammonium nitrite	H4N2O2		64.044083
LOWTEMP	NH4NO3	Ammonium nitrate	H4N2O3	6484-52-2	80.04348
LOWTEMP	NH4VO3	Ammonium vanadate(V)	NH4VO3	7803-55-6	116.978279
LOWTEMP	NIBR2.6H2O	Nickel(II) bromide hexahydrate	Br2H12NiO6		326.570038
LOWTEMP	NIC2O4.2H2O	Nickel(II) oxalate dihydrate	C2H4NiO6		182.720474
LOWTEMP	NICL2.6H2O	Nickel(II) chloride hexahydrate	Cl2H12NiO6	7791-20-0	237.668045
LOWTEMP	NIF2.4H2O	Nickel(II) fluoride tetrahydrate	F2H8NiO4	13940-83-5	168.728165
LOWTEMP	NINO32.6H2O	Nickel(II) nitrate hexahydrate	H12N2NiO12		290.771851
LOWTEMP	NISEO4.6H2O	Nickel(II) selenate(VI) hexahydrate	H12NiO10Se		309.719635
LOWTEMP	NISO4.7H2O	Nickel(II) sulfate heptahydrate	H14NiO11S		280.840973
LOWTEMP	PBACET2	Lead(II) acetate	C4H6O4Pb		325.289825
LOWTEMP	PBBR2	Lead(II) bromide	Br2Pb	10031-22-8	367.007996
LOWTEMP	PBCL2	Lead(II) chloride	Cl2Pb	7758-95-4	278.105988
LOWTEMP	PBF2	Lead(II) fluoride	F2Pb	7783-46-2	245.196808
LOWTEMP	PBI2	Lead(II) iodide	I2Pb	10101-63-0	461.01001
LOWTEMP	PBNO32	Lead(II) nitrate	N2O6Pb	10099-74-8	331.209808
LOWTEMP	PBSO4	Lead(II) sulfate	O4PbS	7446-14-2	303.263611
LOWTEMP	RB2CRO4	Rubidium chromate(VI)	CrO4Rb2		286.929199
LOWTEMP	RB2SO4	Rubidium sulfate	O4Rb2S		266.999207
LOWTEMP	RBBR	Rubidium bromide	BrRb	7789-39-1	165.371796
LOWTEMP	RBCL	Rubidium chloride	ClRb	7791-11-9	120.920799
LOWTEMP	RBI	Rubidium iodide	IRb	7790-29-6	212.372803
LOWTEMP	RBNBO3	Rubidium niobate	NbO3Rb		226.372406
LOWTEMP	RBNO3	Rubidium nitrate	NO3Rb		147.472702
LOWTEMP	SRAC2.4H2O	Strontium acetate tetrahydrate	C4H14O8Sr		277.771179
LOWTEMP	SRBR2.6H2O	Strontium bromide hexahydrate	Br2H12O6Sr		355.52005
LOWTEMP	SRCL2.6H2O	Strontium chloride hexahydrate	Cl2H12O6Sr	10025-70-4	266.618042
LOWTEMP	SRCRO4	Strontium chromate	CrO4Sr	7789-06-2	203.613602
LOWTEMP	SRI2.6H2O	Strontium iodide hexahydrate	H12I2O6Sr		449.522034
LOWTEMP	SRNO22.1H2O	Strontium nitrite monohydrate	H2N2O5Sr		197.646347
LOWTEMP	SRNO32.4H2O	Strontium nitrate tetrahydrate	H8N2O10Sr		283.691162
LOWTEMP	SROH2.8H2O	Strontium hydroxide octahydrate	H18O10Sr		265.757446
LOWTEMP	SRSO4	Strontium sulfate	O4SSr	7759-02-6	183.683594
LOWTEMP	THNO34.6H2O	Thorium(IV) nitrate hexahydrate	H12N4O18Th		588.149719
LOWTEMP	UO2NO32.6H2O	Uranyl(VI) nitrate hexahydrate	H12N2O14U	10102-0-4	502.127533
LOWTEMP	UO2SO4.3H2O	Uranyl(VI) sulfate trihydrate	H6O9SU		420.135315
LOWTEMP	ZNBR2.2H2O	Zinc bromide dihydrate	Br2H4O2Zn		261.228668
LOWTEMP	ZNCL2.3H2O	Zinc chloride trihydrate	Cl2H6O3Zn		190.342026
LOWTEMP	ZNCOOH2.2H2O	Zinc formate dihydrate	C2H6O6Zn		191.456421
LOWTEMP	ZNI2.2H2O	Zinc iodide dihydrate	H4I2O2Zn		355.230682
LOWTEMP	ZNNO32.6H2O	Zinc nitrate hexahydrate	H12N2O12Zn		297.491852
LOWTEMP	ZNSEO4.6H2O	Zinc selenate hexahydrate	H12O10SeZn		316.439636
LOWTEMP	ZNSO4.7H2O	Zinc sulfate heptahydrate	H14O11SZn		287.560974

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	ACENITRILE	Acetonitrile	C2H3N	75-05-8	41.052811
MSEPUB	ACET2	Acetic acid, dimer	C4H8O4		120.105759
MSEPUB	ACETACID	Acetic acid	C2H4O2	64-19-7	60.052879
MSEPUB	ACETATEION	Acetate ion(-1)	C2H3O2-1		59.04491
MSEPUB	ACETONE	Acetone	C3H6O	67-64-1	58.080521
MSEPUB	ADIPATION	Adipate ion(-2)	C6H8O4-2		144.12796
MSEPUB	ADIPICACID	Adipic acid	C6H10O4	124-04-9	146.143906
MSEPUB	AG2O	Silver(I) oxide	Ag2O	20667-12-3	231.735794
MSEPUB	AG2S	Silver(I) sulfide	Ag2S	21548-73-2	247.802399
MSEPUB	AGEL	Silver	Ag	7440-22-4	107.868202
MSEPUB	AGION	Silver ion(+1)	Ag+1		107.868202
MSEPUB	AGOH	Silver hydroxide	AgHO		124.875572
MSEPUB	AGOH2ION	Silver dihydroxide ion(-1)	AgH2O2-1		141.882935
MSEPUB	AL2CO33	Aluminum carbonate	Al2C3O9		233.990982
MSEPUB	AL2O3	Aluminum oxide	Al2O3	1344-28-1	101.961281
MSEPUB	AL2O5H5CL	Dialuminum chloride pentahydroxide	Al2ClH5O5		174.452927
MSEPUB	AL2S3	Aluminum sulfide	Al2S3	1302-81-4	150.161087
MSEPUB	AL2SO43	Aluminum sulfate	Al2O12S3	10043-01-3	342.15387
MSEPUB	AL2SO43.16H2O	Aluminum sulfate hexadecahydrate	Al2H32O28S3		630.399292
MSEPUB	AL2SO43.6H2O	Aluminum sulfate hexahydrate	Al2H12O18S3		450.245911
MSEPUB	ALCL3	Aluminum chloride	AlCl3	7446-70-0	133.340546
MSEPUB	ALCL3.6H2O	Aluminum chloride hexahydrate	AlCl3H12O6	7784-13-6	241.432587
MSEPUB	ALEL	Aluminum	Al	7429-90-5	26.981541
MSEPUB	ALF2ION	Aluminum difluoride ion(+1)	AlF2+1		64.978348
MSEPUB	ALF3	Aluminum fluoride	AlF3	7784-18-1	83.976746
MSEPUB	ALF3.3H2O	Aluminum fluoride trihydrate	AlF3H6O3	15098-87-0	138.022766
MSEPUB	ALF4ION	Aluminum tetrafluoride ion(-1)	AlF4-1		102.975151
MSEPUB	ALF5ION	Aluminum pentafluoride ion(-2)	AlF5-2		121.973557
MSEPUB	ALF6ION	Aluminum hexafluoride ion(-3)	AlF6-3		140.971954
MSEPUB	ALFION	Aluminum monofluoride ion(+2)	AlF+2		45.979942
MSEPUB	ALION	Aluminum ion(+3)	Al+3		26.981541
MSEPUB	ALNAS.12H2O	Sodium alum	AlH24NaO20S2		458.282776
MSEPUB	ALNO33	Aluminum nitrate	AlN3O9		212.996246
MSEPUB	ALNO33.6H2O	Aluminum nitrate hexahydrate	AlH12N3O15		321.088287
MSEPUB	ALNO33.9H2O	Aluminum nitrate nonahydrate	AlH18N3O18	7784-27-2	375.134308
MSEPUB	ALO2H2CL	Aluminum chloride dihydroxide	AlH2O2Cl		96.44928
MSEPUB	ALOH2ION	Aluminum dihydroxide ion(+1)	AlH2O2+1		60.996281
MSEPUB	ALOH3	Aluminum hydroxide	AlH3O3	21645-51-2	78.003647
MSEPUB	ALOH4CLION	aluminum hydroxychloride ion	AlClH4O4-2		130.46402
MSEPUB	ALOH4ION	Aluminum tetrahydroxide ion(-1)	AlH4O4-1		95.011017
MSEPUB	ALOHCL2	Aluminum dichloride hydroxide	AlCl2HO		114.894913
MSEPUB	ALOHION	Aluminum monohydroxide ion(+2)	AlHO+2		43.988911
MSEPUB	ALOOH	Aluminum oxide hydroxide (boehmite)	AlHO2		59.988312
MSEPUB	ALSO42ION	Aluminum disulfate ion(-1)	AlO8S2-1		219.108734
MSEPUB	ALSO4ION	Aluminum monosulfate ion(+1)	AlO4S+1		123.045143
MSEPUB	AMIIION	Americium(III) ion(+3)	Am+3		243
MSEPUB	AMIIIOH2ION	Americium(III) dihydroxide ion(+1)	AmH2O2+1		277.01474
MSEPUB	AMIIIOH3	Americium(III) hydroxide	AmH3O3		294.022125

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	AMIIIION	Americium(III) monohydroxide ion(2)	AmHO+2		260.007385
MSEPUB	AMIVION	Americium ion(+4)	Am+4		243
MSEPUB	AMIVOH4	Americium(IV) hydroxide	AmH4O4		311.02948
MSEPUB	AMO2ION	Dioxyamericium(VI) ion(+2)	AmO2+2		274.99881
MSEPUB	AMO2OH2	Americium dioxide dihydroxide	AmH2O4		309.01355
MSEPUB	AMVO2ION	Dioxyamericium(V) ion(+1)	AmO2+1		274.99881
MSEPUB	AMVO2OH	Americium dioxide hydroxide	AmHO3		292.006165
MSEPUB	ANATASE	Titanium(IV) oxide (anatase)	O2Ti		79.878799
MSEPUB	ANTHRACEN	Anthracene	C14H10	120-12-7	178.235107
MSEPUB	AR	Argon	Ar	7440-37-1	39.948002
MSEPUB	ARSEL	Arsenic	As	7440-38-2	74.9216
MSEPUB	ARSO2ION	Arsenic(III) dioxide ion(-1)	AsO2-1		106.920403
MSEPUB	ARSO3ION	Arsenic(III) trioxide ion(-3)	AsO3-3		122.9198
MSEPUB	ARSO4ION	Arsenic(V) tetraoxide ion(-3)	AsO4-3		138.919205
MSEPUB	ARSOION	Arsenic(III) monooxide ion(+1)	AsO+1		90.920998
MSEPUB	AS2O3	Arsenic(III) oxide	As2O3	1327-53-3	197.8414
MSEPUB	AS2O5	Arsenic(V) oxide	As2O5	1303-28-2	229.840195
MSEPUB	AS2O5.1.7H2O	Arsenic(V) oxide 1.7-hydroxide	As2H3.4O6.7		260.466278
MSEPUB	AS2O5.4H2O	Arsenic(V) oxide tetrahydrate	As2H8O9		301.90155
MSEPUB	AS2S3	Arsenic(III) sulfide	As2S3	1303-33-9	246.041199
MSEPUB	AS2S4ION	Diarsenic(III) tetrasulfide ion(-2)	As2S4-2		278.107208
MSEPUB	AS2S5	Arsenic(V) sulfide	As2S5		310.173187
MSEPUB	ASH3	Arsenic trihydride	AsH3	7784-42-1	77.945511
MSEPUB	AUEL	Gold	Au	7440-57-5	196.966507
MSEPUB	B2OOH5ION	Diboron oxide pentahydroxide ion(-1)	B2H5O6-1		122.656303
MSEPUB	B2S3	Diboron trisulfide	B2S3		117.818062
MSEPUB	B3O3OH4ION	Triboron trioxide tetrahydroxide ion(-1)	B3H4O7-1	17927-68-3	148.457794
MSEPUB	B4O5OH4ION	Tetraboron pentaoxide tetrahydroxide ion(-2)	B4H4O9-2	12344-83-1	191.266602
MSEPUB	B5O6OH6ION	Pentaboron hexaoxide hexahydroxide ion(-3)	B5H6O12-3		252.090805
MSEPUB	BAEL	Barium	Ba	7440-39-3	137.330002
MSEPUB	BAION	Barium ion(+2)	Ba+2		137.330002
MSEPUB	BAOH2	Barium hydroxide	BaH2O2	17194-00-2	171.344742
MSEPUB	BAOH2.8H2O	Barium hydroxide octahydrate	BaH18O10	12230-71-6	315.467468
MSEPUB	BAOHION	Barium hydroxide ion(+1)	BaHO+1		154.337372
MSEPUB	BEEL	Beryllium	Be	7440-41-7	9.012182
MSEPUB	BEION	Beryllium ion (+2)	Be+2		9.012182
MSEPUB	BEL	Boron	B	7440-42-8	10.81003
MSEPUB	BENZENE	Benzene	C6H6	71-43-2	78.114418
MSEPUB	BEO2ION	Beryllate ion (-2)	BeO2-2		41.010983
MSEPUB	BEOH2	Beryllium hydroxide	BeH2O2		43.02692
MSEPUB	BH4ION	Borohydride ion(-1)	H4B-1		14.84191
MSEPUB	Bi2S3	Bismuth(III) sulfide	Bi2S3	1345-07-9	514.158813
MSEPUB	BIEL	Bismuth	Bi	7440-69-9	208.980392
MSEPUB	BIION	Bismuth ion(+3)	Bi+3		208.980392
MSEPUB	BIOH2ION	Bismuth(III) dihydroxide ion(+1)	BiH2O2+1		242.995132
MSEPUB	BIOH3	Bismuth(III) hydroxide	BiH3O3	10361-43-0	260.002502
MSEPUB	BIOH4ION	Bismuth(III) tetrahydroxide ion(-1)	BiH4O4-1		277.009888
MSEPUB	BIOHION	Bismuth(III) monohydroxide ion(+2)	BiHO+2		225.987762
MSEPUB	BNZDIOL12	1,2-Benzenediol	C6H6O2	120-80-9	110.11322
MSEPUB	BOH3	Boric acid	BH3O3	10043-35-3	61.832142

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	BOH4ION	Boron tetrahydroxide ion(-1)	BH4O4-1		78.839508
MSEPUB	BR2	Bromine	Br2	7726-95-6	159.807999
MSEPUB	BR2EL	Bromine (standard state)	Br2	7726-95-6	159.807999
MSEPUB	BR3ION	Tribromide ion(-1)	Br3-1		239.712006
MSEPUB	BR5ION	pentabromide ion(-1)	Br5-1		399.519989
MSEPUB	BRION	Bromide ion (-1)	Br-1		79.903999
MSEPUB	BRO3ION	Bromate ion (-1)	BrO3-1		127.902199
MSEPUB	BRO4ION	Perbromate(VII) ion (-1)	BrO4-1		143.901596
MSEPUB	BROION	Hypobromite(I) ion (-1)	BrO-1		95.903397
MSEPUB	BU4NION	Tetrabutylammonium ion(+1)	C16H36N+1		242.471222
MSEPUB	BU4NOH	Tetrabutylammonium hydroxide	C16H37NO		259.478577
MSEPUB	BUTENE1	1-Butene	C4H8	106-98-9	56.108158
MSEPUB	BUTRALDEHY	n-Butanal	C4H8O	123-72-8	72.107559
MSEPUB	BZDIOL12ION	1,2-Benzenediol ion(-2)	C6H4O2-2		108.097282
MSEPUB	C10H22	n-Decane	C10H22	124-18-5	142.286301
MSEPUB	C11H24	n-Undecane	C11H24	1120-21-4	156.3134
MSEPUB	C12H26	n-Dodecane	C12H26	112-40-3	170.340393
MSEPUB	C13H28	n-Tridecane	C13H28	629-50-5	184.367493
MSEPUB	C14H30	n-Tetradecane	C14H30	629-59-4	198.394501
MSEPUB	C15H32	n-Pentadecane	C15H32	629-62-9	212.421494
MSEPUB	C16H34	n-Hexadecane	C16H34	544-76-3	226.448593
MSEPUB	C17H36	n-Heptadecane	C17H36	629-78-7	240.475601
MSEPUB	C18H38	n-Octadecane	C18H38	593-45-3	254.502701
MSEPUB	C19H40	n-Nonadecane	C19H40	629-92-5	268.529694
MSEPUB	C20H42	n-Eicosane	C20H42	112-98-5	282.556702
MSEPUB	C2H4	Ethene	C2H4	74-85-1	28.054079
MSEPUB	C2H6	Ethane	C2H6	74-84-0	30.070021
MSEPUB	C3H6	Propene	C3H6	115-07-1	42.08112
MSEPUB	C3H8	Propane	C3H8	74-98-6	44.097061
MSEPUB	C4H10	n-Butane	C4H10	106-97-8	58.1241
MSEPUB	C5H12	n-Pentane	C5H12	109-66-0	72.151138
MSEPUB	C6H14	n-Hexane	C6H14	110-54-3	86.178177
MSEPUB	C6H5OH	Phenol	C6H6O	108-95-2	94.113823
MSEPUB	C6H5OION	Phenol ion(-1)	C6H5O-1		93.10585
MSEPUB	C7H16	n-Heptane	C7H16	142-82-5	100.2052
MSEPUB	C8H18	n-Octane	C8H18	111-65-9	114.2323
MSEPUB	C9H20	n-Nonane	C9H20	111-84-2	128.259293
MSEPUB	CA3PO42	Calcium orthophosphate	Ca3O8P2	7758-87-4	310.176727
MSEPUB	CA5CLPO43	Clorapatite	Ca5ClO12P3		520.75708
MSEPUB	CA5FPO43	Fluorapatite	Ca5FO12P3		504.30249
MSEPUB	CA5OHPO43	Pentacalcium hydroxide phosphate	Ca5HO13P3		502.311462
MSEPUB	CACL2	Calcium chloride	CaCl2	10043-52-4	110.984001
MSEPUB	CACL2.0.33H2O	Calcium chloride 0.33 hydrate	CaCl2H0.666666O0.333333		116.989105
MSEPUB	CACL2.1H2O	Calcium chloride monohydrate	CaCl2H2O		128.999344
MSEPUB	CACL2.2H2O	Calcium chloride dihydrate	CaCl2H4O2	10035-04-8	147.014679
MSEPUB	CACL2.4H2O	Calcium chloride tetrahydrate	CaCl2H8O4	25094-02-4	183.045364
MSEPUB	CACL2.6H2O	Calcium chloride hexahydrate	CaCl2H12O6	7774-34-7	219.076035
MSEPUB	CACLNO32	Ca2Cl2NO32	Ca2Cl2N2O6		275.071808
MSEPUB	CACLNO32.4H2O	Ca2Cl2NO32.4H2O	Ca2Cl2H8N2O10		347.133148
MSEPUB	CACO3	Calcium carbonate	CCaO3	471-34-1	100.087303

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	CADEG2	Calcium diethylene glycolate	C8CaH18O6		250.306656
MSEPUB	CAEL	Calcium	Ca	7440-70-2	40.077999
MSEPUB	CAF2	Calcium fluoride	CaF2	7789-75-5	78.074806
MSEPUB	CAFION	Calcium monofluoride ion(+1)	CaF+1		59.076405
MSEPUB	CAH2PO42	Calcium dihydrogen orthophosphate	CaH4O8P2	7758-23-8	234.052597
MSEPUB	CAH2PO42.1H2O	Calcium dihydrogen orthophosphate monohydrate	CaH6O9P2		252.067947
MSEPUB	CAH2PO4ION	Calcium dihydrogen orthophosphate(V) ion(+1)	CaH2O4P+1		137.065308
MSEPUB	CAHPO4	Calcium hydrogen orthophosphate	CaHO4P	7757-93-9	136.057327
MSEPUB	CAHPO4.2H2O	Calcium hydrogen orthophosphate dihydrate	CaH5O6P		172.088013
MSEPUB	CAION	Calcium ion(+2)	Ca+2		40.077999
MSEPUB	CAK4NO36	CaK4NO36	CaK4N6O18		568.50061
MSEPUB	CAMEG2	Calcium monoethylene glycolate	C4CaH10O4		162.199707
MSEPUB	CAMG2CL6	CaMg2Cl6	CaCl6Mg2		301.406006
MSEPUB	CAMG2CL6.12H2O	Tachhydrite	CaCl6H24Mg2O12		517.590088
MSEPUB	CANO32	Calcium nitrate	CaN2O6	10124-37-5	164.087799
MSEPUB	CANO32.2H2O	Calcium nitrate dihydrate	CaH4N2O8		200.118484
MSEPUB	CANO32.3H2O	Calcium nitrate trihydrate	CaH6N2O9		218.13382
MSEPUB	CANO32.4H2O	Calcium nitrate tetrahydrate	CaH8N2O10		236.149155
MSEPUB	CAO	calcium oxide	CaO		56.0774
MSEPUB	CAOH2	Calcium hydroxide	CaH2O2	1305-62-0	74.092743
MSEPUB	CAOHCL	Calcium hydroxide chloride	CaClHO		92.538368
MSEPUB	CAOHION	Calcium hydroxide ion(+1)	CaHO+1		57.085369
MSEPUB	CASO4	Calcium sulfate	CaO4S	7778-18-9	136.141602
MSEPUB	CASO4.2H2O	Calcium sulfate dihydrate	CaH4O6S		172.172302
MSEPUB	CATEG2	Calcium triethylene glycolate	C12CaH26O8		338.413635
MSEPUB	CBUTEN	cis-2-Butene	C4H8	590-18-1	56.108158
MSEPUB	CDEL	Cadmium	Cd	7440-43-9	112.410004
MSEPUB	CDHS2	Cadmium bisulfide	CdH2S2		178.557938
MSEPUB	CDHS3ION	Cadmium tri(hydrogen sulfide) ion(-1)	CdH3S3-1		211.631912
MSEPUB	CDHS4ION	Cadmium tetra(hydrogen sulfide) ion(-2)	CdH4S4-2		244.705887
MSEPUB	CDHSION	Cadmium bisulfide ion(+1)	CdHS+1		145.483963
MSEPUB	CDION	Cadmium ion(+2)	Cd+2		112.410004
MSEPUB	CDOH2	Cadmium hydroxide	CdH2O2	21041-95-2	146.424744
MSEPUB	CDOH3ION	Cadmium trihydroxide ion(-1)	CdH3O3-1		163.432114
MSEPUB	CDOH4ION	Cadmium tetrahydroxide ion(-2)	CdH4O4-2		180.439484
MSEPUB	CDOHION	Cadmium monohydroxide ion(+1)	CdHO+1		129.417374
MSEPUB	CE2O3	CERAMICS-AEium(III) oxide	Ce2O3		328.23819
MSEPUB	CE2S3	CERAMICS-AEium(III) sulfide	Ce2S3		376.437988
MSEPUB	CEEL	CERAMICS-AEium	Ce	7440-45-1	140.119995
MSEPUB	CEION	CERAMICS-AEium ion(+3)	Ce+3		140.119995
MSEPUB	CEIVION	CERAMICS-AEium ion(+4)	Ce+4		140.119995
MSEPUB	CEL	Carbon (graphite)	C	7782-42-5	12.0111
MSEPUB	CEO2	CERAMICS-AEium(IV) oxide	CeO2	1306-38-3	172.118805
MSEPUB	CEOH2ION	CERAMICS-AEium(III) dihydroxide ion(+1)	CeH2O2+1		174.134735
MSEPUB	CEOH3	CERAMICS-AEium(III) hydroxide	CeH3O3		191.142105
MSEPUB	CEOH4ION	CERAMICS-AEium(III) tetrahydroxide ion(-1)	CeH4O4-1		208.149475
MSEPUB	CEOHION	CERAMICS-AEium(III) monohydroxide ion(+2)	CeHO+2		157.127365
MSEPUB	CH3SO3ION	Methanesulfonic acid ion(-1)	CH3O3S-1		95.099213
MSEPUB	CH4	Methane	CH4	74-82-8	16.04298
MSEPUB	CH4SO3	Methanesulfonic acid	CH4O3S	75-75-2	96.107178

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	CH4SO3.1H2O	Methanesulfonic acid monohydrate	CH6O4S		114.12252
MSEPUB	CH4SO3.3H2O	Methanesulfonic acid trihydrate	CH10O6S		150.153198
MSEPUB	CHLOROFM	Chloroform	CHCl3	67-66-3	119.378067
MSEPUB	CHXANOL	Cyclohexanol	C6H12O	108-93-0	100.161636
MSEPUB	CITRAC	Citric acid	C6H8O7	77-92-9	192.12616
MSEPUB	CITRAC.1H2O	Citric acid monohydrate	C6H10O8		210.141495
MSEPUB	CITRATION	Citrate ion(-3)	C6H5O7-3		189.102249
MSEPUB	CL2	Chlorine	Cl2	7782-50-5	70.905998
MSEPUB	CLION	Chloride ion(-1)	Cl-1		35.452999
MSEPUB	CLO2	Chlorine dioxide	ClO2	10049-04-4	67.451797
MSEPUB	CLO2ION	Chlorite ion(-1)	ClO2-1		67.451797
MSEPUB	CLO3ION	Chlorate ion(-1)	ClO3-1		83.451202
MSEPUB	CLO4ION	Perchlorate ion(-1)	ClO4-1		99.4506
MSEPUB	CLOION	Hypochlorite ion(-1)	ClO-1		51.4524
MSEPUB	CO2	Carbon dioxide	CO2	124-38-9	44.009899
MSEPUB	CO3ION	Carbonate ion(-2)	CO3-2		60.0093
MSEPUB	COEL	Cobalt	Co	7440-48-4	58.933201
MSEPUB	COIIIION	Cobalt ion(+3)	Co+3		58.933201
MSEPUB	COIIIOH3	Cobalt(III) hydroxide	CoH3O3		109.955307
MSEPUB	COIIIOHION	Cobalt(III) monohydroxide ion(+2)	CoHO+2		75.940567
MSEPUB	COIIION	Cobalt ion(+2)	Co+2		58.933201
MSEPUB	COIIIOH2	Cobalt(II) hydroxide	CoH2O2		92.947937
MSEPUB	COIIIOH3ION	Cobalt(II) trihydroxide ion(-1)	CoH3O3-1		109.955307
MSEPUB	COIIIOH4ION	Cobalt(II) tetrahydroxide ion(-2)	CoH4O4-2		126.962677
MSEPUB	COIIIOHION	Cobalt(II) monohydroxide ion(+1)	CoHO+1		75.940567
MSEPUB	COIIS	Cobalt(II) sulfide	CoS		90.999199
MSEPUB	COOHION	Formate ion(-1)	CHO2-1		45.017872
MSEPUB	CR2O7ION	Dichromate(VI) ion(-2)	Cr2O7-2		215.987793
MSEPUB	CR2S3	Chromium(III) sulfide	Cr2S3		200.190002
MSEPUB	CREL	Chromium	Cr	7440-47-3	51.995998
MSEPUB	CRIIIION	Chromium ion(+3)	Cr+3		51.995998
MSEPUB	CRIIION	Chromium ion(+2)	Cr+2		51.995998
MSEPUB	CRIIIOH2	Chromium(II) hydroxide	CrH2O2		86.010742
MSEPUB	CRO3	Chromium(VI) trioxide	CrO3	1333-82-0	99.994202
MSEPUB	CRO4ION	Chromate(VI) ion(-2)	CrO4-2		115.993599
MSEPUB	CROH2ION	Chromium(III) dihydroxide ion(+1)	CrH2O2+1		86.010742
MSEPUB	CROH3	Chromium(III) hydroxide (amorphous)	CrH3O3		103.018112
MSEPUB	CROH4ION	Chromium(III) tetrahydroxide ion(-1)	CrH4O4-1		120.025482
MSEPUB	CROHION	Chromium(III) monohydroxide ion(+2)	CrHO+2		69.003372
MSEPUB	CRS	Chromium(II) sulfide	CrS		84.061996
MSEPUB	CSEL	Cesium	Cs	7440-46-2	132.905396
MSEPUB	CSION	Cesium ion(+1)	Cs+1		132.905396
MSEPUB	CSOH	Cesium hydroxide	CsHO	21351-79-1	149.912766
MSEPUB	CSOH.1H2O	Cesium hydroxide monohydrate	CsH3O2		167.928116
MSEPUB	CU2O	Copper(I) oxide	Cu2O	1317-39-1	143.0914
MSEPUB	CUCLO42	Copper(II) perchlorate	Cl2CuO8		262.447205
MSEPUB	CUEL	Copper	Cu	7440-50-8	63.546001
MSEPUB	CUHPAA2K	Copper Poly(acrylate)2000	C84CuH110O56		2079.321533
MSEPUB	CUI2S	Copper(I) sulfide	Cu2S	22205-45-4	159.158005
MSEPUB	CUIION	Copper ion(+1)	Cu+1		63.546001

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	CUIOH	Copper(I) hydroxide	CuHO		80.553368
MSEPUB	CUION	Copper(II) ion(+2)	Cu+2		63.546001
MSEPUB	CUMENE	Isopropylbenzene	C9H12	98-82-8	120.195503
MSEPUB	CUNO32	Copper(II) nitrate	CuN2O6		187.555801
MSEPUB	CUNO32.2.5H2O	Copper(II) nitrate 2.5 hydrate	CuH5N2O8.5		232.594147
MSEPUB	CUNO32.6H2O	Copper(II) nitrate hexahydrate	CuH12N2O12		295.647827
MSEPUB	CUNO32.9H2O	Copper (II) nitrate nonahydrate	CuH18N2O15		349.693848
MSEPUB	CUOH2	Copper(II) hydroxide	CuH2O2	20427-59-2	97.560738
MSEPUB	CUOH3ION	Copper(II) trihydroxide ion(-1)	CuH3O3-1		114.568108
MSEPUB	CUOH4ION	Copper(II) tetrahydroxide ion(-2)	CuH4O4-2		131.575485
MSEPUB	CUOHION	Copper(II) monohydroxide ion(+1)	CuHO+1		80.553368
MSEPUB	CUPAA2KION	Copper poly(acrylate ion)2000-1	C84CuH109O56-1		2078.313477
MSEPUB	CUS	Copper(II) sulfide	CuS	1317-40-4	95.612
MSEPUB	CUSO4	Copper(II) sulfate	CuO4S	7758-98-7	159.609604
MSEPUB	CUSO4.1H2O	Copper (II) sulfate hydrate	CuH2O5S		177.624939
MSEPUB	CUSO4.3H2O	Copper(II) sulfate trihydrate	CuH6O7S		213.655624
MSEPUB	CUSO4.5H2O	Copper(II) sulfate pentahydrate	CuH10O9S		249.686295
MSEPUB	CYCLOHEXAN	Cyclohexane	C6H12	110-82-7	84.162239
MSEPUB	DEG	2,2'-Oxybisethanol	C4H10O3	111-46-6	106.122299
MSEPUB	DEGCO2ION		C5H9O5-1		149.124237
MSEPUB	DEGHION	2,2-Oxybisethanoloxonium ion	C4H11O3+1		107.130272
MSEPUB	DEGION	2,2-Oxybisethanolate	C4H9O3-1		105.114326
MSEPUB	DIETHCARB	Diethyl carbonate	C5H10O3	105-58-8	118.1334
MSEPUB	DLMETHINN	DL-Methionine	C5H11NO2S	59-51-8	149.214706
MSEPUB	DMETHINNION	D-Methionine ion(-1)	C5H10NO2S-1		148.206696
MSEPUB	DMF	N,N-Dimethylformamide	C3H7NO	68-12-2	73.0952
MSEPUB	DOCOSAN	n-Docosane	C22H46	629-97-0	310.610809
MSEPUB	DOCTRIACON	n-Dotriacontane	C32H66	544-85-4	450.881195
MSEPUB	DYEL	Dysprosium	Dy	7429-91-6	162.5
MSEPUB	DYION	Dysprosium ion(+3)	Dy+3		162.5
MSEPUB	DYOH2ION	Dysprosium(III) dihydroxide ion(+1)	DyH2O2+1		196.51474
MSEPUB	DYOH3	Dysprosium(III) hydroxide	DyH3O3		213.52211
MSEPUB	DYOH4ION	Dysprosium(III) tetrahydroxide ion(-1)	DyH4O4-1		230.52948
MSEPUB	DYOHION	Dysprosium(III) monohydroxide ion(+2)	DyHO+2		179.50737
MSEPUB	EREL	Erbium	Er	7440-52-0	167.259995
MSEPUB	ERION	Erbium ion (+3)	Er+3		167.259995
MSEPUB	EROH2ION	Erbium(III) dihydroxide ion(+1)	ErH2O2+1		201.274734
MSEPUB	EROH3	Erbium(III) hydroxide	ErH3O3		218.282104
MSEPUB	EROH4ION	Erbium(III) tetrahydroxide ion(-1)	ErH4O4-1		235.289474
MSEPUB	EROHION	Erbium(III) monohydroxide ion(+2)	ErHO+2		184.267365
MSEPUB	ETBNZ	Ethylbenzene	C8H10	100-41-4	106.168503
MSEPUB	ETHANOL	Ethanol	C2H6O	64-17-5	46.06942
MSEPUB	ETHEGLYCOL	1,2-Ethandiol	C2H6O2	107-21-1	62.068821
MSEPUB	ETHEGLYION	Ethandiolate	C2H5O2-1		61.060848
MSEPUB	ETHGLYHION	Ethylene glycoxonium ion	C2H7O2+1		63.07679
MSEPUB	ETOH2ION	Ethoxonium ion	C2H7O+1		47.077389
MSEPUB	ETOION	Ethanolate	C2H5O-1		45.061451
MSEPUB	EUEL	Europium	Eu	7440-53-1	151.960007
MSEPUB	EUIIIION	Europium ion(+3)	Eu+3		151.960007
MSEPUB	EUIION	Europium ion(+2)	Eu+2		151.960007

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	EUIIOH2	Europium(II) hydroxide	EuH2O2		185.974747
MSEPUB	EUOH2ION	Europium(III) dihydroxide ion(+1)	EuH2O2+1		185.974747
MSEPUB	EUOH3	Europium(III) hydroxide	EuH3O3		202.982117
MSEPUB	EUOH4ION	Europium(III) tetrahydroxide ion(-1)	EuH4O4-1		219.989487
MSEPUB	EUOHION	Europium(III) monohydroxide ion(+2)	EuHO+2		168.967377
MSEPUB	EY2O3	Yttrium oxide	O3Y2		225.809998
MSEPUB	EYBEL	Ytterbium	Yb	7440-64-4	173.039993
MSEPUB	EYBIIIION	Ytterbium ion(+3)	Yb+3		173.039993
MSEPUB	EYBIIION	Ytterbium ion(+2)	Yb+2		173.039993
MSEPUB	EYBIIOH2	Ytterbium(II) hydroxide	H2O2Yb		207.054733
MSEPUB	EYBOH2ION	Ytterbium(III) dihydroxide ion(+1)	H2O2Yb+1		207.054733
MSEPUB	EYBOH3	Ytterbium(III) hydroxide	H3O3Yb		224.062103
MSEPUB	EYBOH4ION	Ytterbium(III) tetrahydroxide ion(-1)	H4O4Yb-1		241.069473
MSEPUB	EYBOHION	Ytterbium(III) monohydroxide ion(+2)	HOYb+2		190.047363
MSEPUB	EYEL	Yttrium	Y	7440-65-5	88.905899
MSEPUB	EYION	Yttrium ion(+3)	Y+3		88.905899
MSEPUB	EYOH2ION	Yttrium dihydroxide ion(+1)	H2O2Y+1		122.920639
MSEPUB	EYOH3	Yttrium hydroxide	H3O3Y		139.928009
MSEPUB	EYOH4ION	Yttrium tetrahydroxide ion(-1)	H4O4Y-1		156.935379
MSEPUB	EYOHION	Yttrium monohydroxide ion(+2)	HOY+2		105.913269
MSEPUB	F2	Fluorine	F2	7782-41-4	37.996807
MSEPUB	FE2BR6		Br6Fe2		591.117981
MSEPUB	FE2SO43	Iron(III) sulfate	Fe2O12S3	10028-22-5	399.884796
MSEPUB	FE2SO43.6H2O	Iron(III) sulfate hexahydrate	Fe2H12O18S3		507.976837
MSEPUB	FE2SO43.9H2O	Iron(III) sulfate nonahydrate	Fe2H18O21S3		562.022888
MSEPUB	FEBR3.1.5H2O	Iron(III) bromide hydrate	Br3FeH3O1.5		322.582001
MSEPUB	FEEL	Iron	Fe	7439-89-6	55.847
MSEPUB	FEH2SO44.2H2O	Iron(III) sulfate sulfuric acid dihydrate	Fe2H6O18S4		533.994873
MSEPUB	FEH2SO44.8H2O	Iron(III) sulfate sulfuric acid octahydrate	Fe2H18O24S4		642.08667
MSEPUB	FEIIBR2	Iron(II) bromide	Br2Fe	7789-46-0	215.654999
MSEPUB	FEIIBR2.2H2O	Iron(II) bromide dihydrate	Br2FeH4O2		251.685684
MSEPUB	FEIIBR2.4H2O	Iron(II) bromide tetrahydrate	Br2FeH8O4		287.71637
MSEPUB	FEIIBR2.6H2O	Iron(II) bromide hexahydrate	Br2FeH12O6		323.74704
MSEPUB	FEIIBR2.9H2O	Iron(II) bromide nonahydrate	Br2FeH18O9		377.79306
MSEPUB	FEIICO3	Iron(II) carbonate	CFeO3		115.8563
MSEPUB	FEIII2O3	Iron(III) oxide	Fe2O3	1309-37-1	159.6922
MSEPUB	FEIII2OH2ION	Diiiron(III) dihydroxide ion(+4)	H2Fe2O2+4		145.70874
MSEPUB	FEIII3	Iron(III) bromide	Br3Fe	10031-26-2	295.55899
MSEPUB	FEIIIBRION	ferric bromide ion	BrFe+2		135.751007
MSEPUB	FEIIIION	Iron ion(+3)	Fe+3		55.847
MSEPUB	FEIIIIOH2ION	Iron(III) dihydroxide ion(+1)	H2FeO2+1		89.86174
MSEPUB	FEIIIIOH3	Iron(III) hydroxide	FeH3O3		106.86911
MSEPUB	FEIIIIOH4ION	Iron(III) tetrahydroxide ion(-1)	FeH4O4-1		123.87648
MSEPUB	FEIIIIOHION	Iron(III) monohydroxide ion(+2)	HFeO+2		72.85437
MSEPUB	FEIIION	Iron ion(+2)	Fe+2		55.847
MSEPUB	FEIIOH2	Iron(II) hydroxide	H2FeO2		89.86174
MSEPUB	FEIIOH3ION	Iron(II) trihydroxide ion(-1)	H3FeO3-1		106.86911
MSEPUB	FEIIOH4ION	Iron(II) tetrahydroxide ion(-2)	FeH4O4-2		123.87648
MSEPUB	FEIIOHION	Iron(II) monohydroxide ion(+1)	HFeO+1		72.85437
MSEPUB	FEIIS	Iron(II) sulfide (hexagonal)	FeS	1317-37-9	87.913002

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	FEIIS2	Iron(II) disulfide (isometric)	FeS2	1309-36-0	119.978996
MSEPUB	FEIISO4	Iron(II) sulfate	FeO4S	7720-78-7	151.910599
MSEPUB	FEIISO4.1H2O	Iron(II) sulfate monohydrate	FeH2O5S		169.925934
MSEPUB	FEIISO4.7H2O	Iron(II) sulfate heptahydrate	FeH14O11S		278.017975
MSEPUB	FENO33	Iron(III) nitrate	FeN3O9	10421-48-4	241.861694
MSEPUB	FENO33.6H2O	Iron(III) nitrate hexahydrate	FeH12N3O15		349.953735
MSEPUB	FENO33.9H2O	Iron(III) nitrate nonahydrate	FeH18N3O18		403.999756
MSEPUB	FEO	Iron(II) oxide	FeO	1345-25-1	71.846397
MSEPUB	FION	Fluoride ion (-1)	F-1		18.998404
MSEPUB	FORM2	Formic acid, dimer	C2H4O4		92.051682
MSEPUB	GAEL	Gallium	Ga	7440-55-3	69.723
MSEPUB	GAION	Gallium ion(+3)	Ga+3		69.723
MSEPUB	GAOH3	Gallium hydroxide	GaH3O3		120.74511
MSEPUB	GDEL	Gadolinium	Gd	7440-54-2	157.25
MSEPUB	GDION	Gadolinium ion(+3)	Gd+3		157.25
MSEPUB	GDOH2ION	Gadolinium(III) dihydroxide ion(+1)	GdH2O2+1		191.26474
MSEPUB	GDOH3	Gadolinium(III) hydroxide	GdH3O3		208.27211
MSEPUB	GDOH4ION	Gadolinium(III) tetrahydroxide ion(-1)	GdH4O4-1		225.27948
MSEPUB	GDOHION	Gadolinium(III) monohydroxide ion(+2)	GdHO+2		174.25737
MSEPUB	GLDIIIION	Gold ion(+3)	Au+3		196.966507
MSEPUB	GLDIIIIONH3	Gold(III) hydroxide	AuH3O3	1303-52-2	247.988617
MSEPUB	GLDIIIOH4ION	Gold(III) tetrahydroxide ion(-1)	AuH4O4-1		264.995972
MSEPUB	GLDIIIOH5ION	Gold(III) pentahydroxide ion(-2)	AuH5O5-2		282.003357
MSEPUB	GLDIIION	Gold ion(+1)	Au+1		196.966507
MSEPUB	GLDIOH	Gold(I) hydroxide	AuHO		213.973877
MSEPUB	H2	Hydrogen	H2	1333-74-0	2.01594
MSEPUB	H2ACETION	acetate oxonium ion	C2H5O2+1		61.060848
MSEPUB	H2ASO4ION	Dihydrogen arsenate(VI) ion(-1)	AsH2O4-1		140.935135
MSEPUB	H2CITRATION	Dihydrogen citrate ion(-1)	C6H7O7-1		191.118195
MSEPUB	H2COOHION	formate oxonium ion	CH3O2+1		47.03381
MSEPUB	H2CR2O7	Dichromic(VI) acid	Cr2H2O7		218.003738
MSEPUB	H2CRO4	Chromic(VI) acid	CrH2O4		118.009537
MSEPUB	H2DMETHINNION	Hydrogen d-methionine ion(+1)	C5H12NO2S+1		150.222595
MSEPUB	H2FION	Dihydrogen fluoride ion (+1)	FH2+1		21.014343
MSEPUB	H2LMETHINNION	Hydrogen l-methionine ion(+1)	C5H12NO2S+1		150.222595
MSEPUB	H2MNO4	Manganic(VI) acid	H2MnO4		120.951538
MSEPUB	H2MO7O24ION	Dihydrogen Heptamolybdenate ion(-4)	H2Mo7O24-4		1057.581421
MSEPUB	H2MOO4	Molybdenic(VI) acid	H2MoO4		161.953537
MSEPUB	H2NICOTACDIION	Hydrogen nicotinic acid ion(+1)	C6H6NO2+1		124.119919
MSEPUB	H2O	Water	H2O	7732-18-5	18.015341
MSEPUB	H2O2	HYDROGEN PEROXIDE	H2O2	7722-84-1	34.01474
MSEPUB	H2P2O7ION	Dihydrogen pyrophosphate(V) ion(-2)	H2O7P2-2		175.959259
MSEPUB	H2P3O10ION	dihydrogen triphosphate ion	H2O10P3-3		254.931213
MSEPUB	H2PAA2000ION	Poly(acrylate ion)2000-1	C84H111O56-1		2016.718347
MSEPUB	H2PO2ION	Hypophosphorous ion(-1)	H2O2P-1		64.988503
MSEPUB	H2PO3ION	Dihydrogen phosphate(III) ion(-1)	H2O3P-1		80.9879
MSEPUB	H2PO4ION	Dihydrogen orthophosphate(V) ion(-1)	H2O4P-1		96.987297
MSEPUB	H2S	Hydrogen sulfide	H2S	7783-06-4	34.08194
MSEPUB	H2S2O3	Thiosulfuric acid	H2O3S2		114.146141
MSEPUB	H2S2O4	Dithionous acid	H2O4S2		130.145538

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	H2S2O6	Dithionic acid	H2O6S2		162.144333
MSEPUB	H2S2O8	Peroxodisulfuric(VII) acid	H2O8S2		194.143143
MSEPUB	H2S5O6	Pentathionic acid	H2O6S5		258.342346
MSEPUB	H2SEO3	Selenious(IV) acid	H2O3Se	7783-00-8	128.974136
MSEPUB	H2SEO4	Selenic(VI) acid	H2O4Se	7783-08-6	144.973541
MSEPUB	H2SIO4ION	Dihydrogen orthosilicate ion(-2)	H2O4Si-2		94.099037
MSEPUB	H2SO4	Sulfuric(VI) acid	H2O4S	7664-93-9	98.079536
MSEPUB	H2SO5	Peroxomonosulfuric(VIII) acid	H2SO5		114.078941
MSEPUB	H2TE	Hydrogen telluride	H2Te	7783-09-7	129.615936
MSEPUB	H2TEIVO3	Tellurous(IV) acid	H2O3Te	10049-23-7	177.614136
MSEPUB	H2TEO4	Telluric(VI) acid	H2O4Te		193.613541
MSEPUB	H2TMELLITION	Dihydrogen trimellitate ion	C9H5O6-1		209.136154
MSEPUB	H2VO4ION	Dihydrogen orthovanadate(V) ion(-1)	H2O4V-1		116.95504
MSEPUB	H2WO4	Tungstic(VI) acid	H2O4W		249.863541
MSEPUB	H3ASO3	Arsenious acid	AsH3O3		125.94371
MSEPUB	H3ASO4	Arsenic(VI) acid	AsH3O4	7778-39-4	141.943115
MSEPUB	H3MO7O24ION	trihydrogen Heptamolybdenate ion(-3)	H3Mo7O24-3		1058.589355
MSEPUB	H3O2ION		H3O2+1		35.022709
MSEPUB	H3OION	Hydronium ion(+1)	H3O+1		19.02331
MSEPUB	H3P2O7ION	Trihydrogen pyrophosphate(V) ion(-1)	H3O7P2-1		176.967224
MSEPUB	H3P3O10ION	trihydrogen triphosphate ion	H3O10P3-2		255.939194
MSEPUB	H3PAA2000ION	Poly(acrylic acid)-2000	C84H112O56	9003-01-4	2017.791382
MSEPUB	H3PO2	Hypophosphorous acid	H3O2P	6303-21-5	65.996468
MSEPUB	H3PO3	Phosphorous(III) acid	H3O3P	13598-36-2	81.995872
MSEPUB	H3PO4	Orthophosphoric acid	H3O4P	7664-38-2	97.99527
MSEPUB	H3PO4.0.5H2O	Phosphoric acid 0.5 hydrate	H4O4.5P		107.002937
MSEPUB	H3SIO4ION	Trihydrogen silicate ion(-1)	H3O4Si-1		95.10701
MSEPUB	H3VO4	Vanadic(V) acid	H3O4V		117.963013
MSEPUB	H4MO7O24CLION	Dihydrogen Heptamolybdenate HYDROGEN CHLORIDE ION (-4)	ClH4Mo7O24-3		1095.050293
MSEPUB	H4MO7O24NO3ION	trihydrogen Heptamolybdenate HYDROGEN nitrate ION (-3)	H4Mo7NO27-3		1121.602051
MSEPUB	H4P2O7	Pyrophosphoric(V) acid	H4O7P2	2466-09-3	177.975204
MSEPUB	H4P3O10ION	tetrahydrogen triphosphate ion	H4O10P3-1		256.947174
MSEPUB	H4SIO4	Silicic acid	H4O4Si	14475-38-8	96.114983
MSEPUB	H4TEO6ION	Tetrahydrogen orthotellurate ion(-2)	H4O6Te-2		227.628281
MSEPUB	H4W6O21CLION		ClH4O21W6-3		1478.572144
MSEPUB	H5IO6	Periodic(VII) acid	H5IO6	10450-60-9	227.941254
MSEPUB	H5MO7O24SO4ION		H5Mo7O28S-3		1156.668945
MSEPUB	H5P3O10	Tripolyphosphoric acid	H5O10P3		257.955139
MSEPUB	H5TEO6ION	Pentahydrogen orthotelluric acid ion(-1)	H5O6Te-1		228.636246
MSEPUB	H5W6O21NO3ION		H5NO24W6-2		1506.13208
MSEPUB	H6F6	Hydrofluoride, hexamer	F6H6		120.038239
MSEPUB	H6TEO6	Orthotelluric acid	H6O6Te	7803-68-1	229.644226
MSEPUB	HACETTOA	HAc.trioctylamine complex	C26H55NO2		413.732452
MSEPUB	HADIPATION	hydrogen adipate ion(-1)	C6H9O4-1		145.135925
MSEPUB	HARSO3ION	Biarsenate ion(-2)	AsHO3-2		123.927773
MSEPUB	HASO2	Metaarsenic(III) acid	AsHO2		107.928368
MSEPUB	HASO4ION	Hydrogen arsenate(VI) ion(-2)	AsHO4-2		139.92717
MSEPUB	HBR	Hydrogen bromide	BrH	10035-10-6	80.911972
MSEPUB	HBRO	Hypobromous acid	BrHO	13517-11-8	96.911369
MSEPUB	HBRO3	Bromic(VI) acid	BrHO3		128.910172

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	HBRO4	Perbromic(VII) acid	BrHO4		144.909576
MSEPUB	HBZDIOL12ION	Hydrogen 1,2-benzenediol ion(-1)	C6H5O2-1		109.105247
MSEPUB	HCITRATION	Hydrogen citrate ion(-2)	C6H6O7-2		190.110214
MSEPUB	HCL	Hydrogen chloride	ClH	7647-01-0	36.460972
MSEPUB	HCLO	Hypochlorous acid	ClHO	7790-92-3	52.460369
MSEPUB	HCLO2	Chlorous(III) acid	ClHO2		68.45977
MSEPUB	HCLO3	Chloric(VI) acid	ClHO3		84.459167
MSEPUB	HCLO4	Perchloric acid	ClHO4	7601-90-3	100.458572
MSEPUB	HCO3ION	Bicarbonate ion(-1)	CHO3-1		61.017269
MSEPUB	HCOOH	Formic acid	CH2O2	64-18-6	46.025841
MSEPUB	HCRO4ION	Bichromate(VI) ion(-1)	CrHO4-1		117.001572
MSEPUB	HDMETHINN	D-Methionine	C5H11NO2S	348-67-4	149.214706
MSEPUB	HDROXAMN	Hydroxylamine	H3NO	7803-49-8	33.03001
MSEPUB	HE	Helium	He	7440-59-7	4.002602
MSEPUB	HENEICOSAN	n-Heneicosane	C21H44	629-94-7	296.583801
MSEPUB	HENTRIACNT	n-Hentriacontane	C31H64	630-04-6	436.854187
MSEPUB	HF	Hydrogen fluoride	FH	7664-39-3	20.006372
MSEPUB	HG2ION	Dimercury(I) ion (+2)	Hg2+2		401.179993
MSEPUB	HG2OH2	Dimercury(I) dihydroxide	H2Hg2O2		435.194733
MSEPUB	HG2OHION	Dimercury(I) hydroxide ion(+1)	HHg2O+1		418.187378
MSEPUB	HGEL	Mercury	Hg		200.589996
MSEPUB	HGION	Mercury(II) ion(+2)	Hg+2		200.589996
MSEPUB	HGO	Mercury(II) oxide	HgO	21908-53-2	216.589401
MSEPUB	HGOH2	Mercury(II) hydroxide	H2HgO2		234.604736
MSEPUB	HGOH3ION	Mercury(II) trihydroxide ion(-1)	H3HgO3-1		251.612106
MSEPUB	HGOHION	Mercury(II) monohydroxide ion(+1)	HHgO+1		217.597366
MSEPUB	HGS	Mercury(II) sulfide	HgS	1344-48-5	232.656006
MSEPUB	HHDAMION	Hydrogen hydroxylamine ion(+1)	H4NO+1		34.037979
MSEPUB	HI	Hydrogen iodide	HI	10034-85-2	127.913002
MSEPUB	HIO	Hypoiodous(I) acid	HIO	14332-21-9	143.912369
MSEPUB	HIO3	Iodic(V) acid	HIO3	7782-68-5	175.911163
MSEPUB	HIOO4	Periodic(VII) acid	HIO4		191.910568
MSEPUB	HIPHTHTION	Hydrogen isophthalic acid ion(-1)	C8H5O4-1		165.126251
MSEPUB	HLMETHINN	L-Methionine	C5H11NO2S	63-68-3	149.214706
MSEPUB	HMNO4	Permanganic(VII) acid	HMnO4		119.943573
MSEPUB	HMO7O24ION	Hydrogen Heptamolybdenate ion(-5)	HMo7O24-5		1056.573608
MSEPUB	HMOO4ION	Hydrogen molybdenate ion(-1)	HMoO4-1		160.945572
MSEPUB	HNBO3	Niobic(V) acid	HNbO3		141.912567
MSEPUB	HNICOTACD	Nicotinic acid	C6H5NO2	59-67-6	123.111954
MSEPUB	HNO2	Nitrous(III) acid	HNO2	7782-77-6	47.01347
MSEPUB	HNO3	Nitric acid	HNO3	7697-37-2	63.012871
MSEPUB	HNO3SO32	Nitric acid sulfur trioxide	HNO9S2		223.141296
MSEPUB	HO2ION	Hydrogen peroxide ion(-1)	HO2-1		33.006771
MSEPUB	HOEL	Holmium	Ho	7440-60-0	164.930405
MSEPUB	HOION	Holmium ion(+3)	Ho+3		164.930405
MSEPUB	HOOH2ION	Holmium(III) dihydroxide ion(+1)	H2HoO2+1		198.945145
MSEPUB	HOOH3	Holmium(III) hydroxide	H3HoO3		215.952515
MSEPUB	HOOH4ION	Holmium(III) tetrahydroxide ion(-1)	H4HoO4-1		232.959885
MSEPUB	HOOHION	Holmium(III) monohydroxide ion(+2)	HHoO+2		181.937775
MSEPUB	HP2O7ION	Hydrogen pyrophosphate(V) ion(-3)	HO7P2-3		174.951294

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	HP3O10ION	monohydrogen triphosphate ion	HO10P3-4		253.923248
MSEPUB	HPAA2000ION	Poly(acrylate ion)2000-2	C84H110O56-2		2015.775513
MSEPUB	HPBO2ION	Hydrogen dioxylead ion(-1)	HO2Pb-1		240.206772
MSEPUB	HPEG1000	PEG-1000	C44H90O23		987.191895
MSEPUB	HPEG12000	PEG-12000	C544H1090O273		12000.56152
MSEPUB	HPEG1500	PEG-1500	C68H138O35		1515.833618
MSEPUB	HPEG20000	PEG-20000	C908H1818O455		20018.29492
MSEPUB	HPEG600	PEG-600	C26H54O14		590.710571
MSEPUB	HPEG6000	PEG-6000	C272H546O137		6009.288574
MSEPUB	HPO3ION	Hydrogen metaphosphate(III) ion(-2)	HO3P-2		79.979927
MSEPUB	HPO4ION	Hydrogen orthophosphate(V) ion (-2)	HO4P-2		95.979332
MSEPUB	HPTCOSAN	n-Heptacosane	C27H56	593-49-7	380.746002
MSEPUB	HREO4	Tetraoxorhenic(VII) acid	HO4Re		251.21257
MSEPUB	HSEION	Hydrogen selenide ion (-1)	HSe-1		79.967972
MSEPUB	HSEO3ION	Hydrogen selenite(IV) ion (-1)	HSeO3-1		127.966171
MSEPUB	HSEO4ION	Hydrogen selenate(VI) ion(-1)	HO4Se-1		143.965576
MSEPUB	HSION	Hydrogen sulfide ion (-1)	HS-1		33.073971
MSEPUB	HSNO2ION	Hydrogen tin(II) ion(-1)	HO2Sn-1		151.716766
MSEPUB	HSO3F		FHO3S		100.070602
MSEPUB	HSO3ION	Bisulfite(IV) ion (-1)	HO3S-1		81.072166
MSEPUB	HSO4ION	Bisulfate(VI) ion (-1)	HO4S-1		97.071571
MSEPUB	HSO5ION	Hydrogen persulfate(VIII) ion (-1)	HO5S-1		113.070969
MSEPUB	HTAO3	Tantal(V) acid	HO3Ta		229.954071
MSEPUB	HTCVIIO4	Pertechnetic(VII) acid	HO4Tc		163.911819
MSEPUB	HTEION	Hydrogen telluride ion(-1)	HTe-1		128.607971
MSEPUB	HTEIVIO3ION	Hydrogen tellurite(IV) ion(-1)	HO3Te-1		176.606171
MSEPUB	HTMELLITION	Hydrogen trimellitate ion	C9H4O6-2		208.128174
MSEPUB	HTPHTHTION	Hydrogen terephthalic acid ion(-1)	C8H5O4-1		165.126251
MSEPUB	HVO4ION	Hydrogen pervanadate(V) ion(-2)	HVO4-2		115.947067
MSEPUB	HW6O21ION		HO21W6-5		1440.094971
MSEPUB	HWO4ION	Hydrogen tungstate(VI) ion(-1)	HO4W-1		248.855576
MSEPUB	HXCOSAN	n-Hexacosane	C26H54	630-01-3	366.718994
MSEPUB	HXTACONTAN	n-Hexatriacontane	C36H74	630-06-8	506.98941
MSEPUB	INEL	Indium	In	7440-74-6	114.82
MSEPUB	INION	Indium ion(+3)	In+3		114.82
MSEPUB	INO3H	Indium(III) hydroxide	H3InO3		165.842117
MSEPUB	IOD2EL	Iodine	I2	7553-56-2	253.809998
MSEPUB	IODION	Iodide ion(-1)	I-1		126.904999
MSEPUB	IODO3ION	Iodate(VI) ion(-1)	IO3-1		174.903198
MSEPUB	IODO4ION	Periodate(VII) ion(-1)	IO4-1		190.902603
MSEPUB	IODOION	Hypoiodate(I) ion(-1)	IO-1		142.904404
MSEPUB	IPENTAN	Isopentane	C5H12	78-78-4	72.151138
MSEPUB	IPHTHALAC	Isophthalic acid	C8H6O4	121-91-5	166.134216
MSEPUB	IPHTHTION	Isophthalic acid ion(-2)	C8H4O4-2		164.118286
MSEPUB	ISOBUTANE	Isobutane	C4H10	75-28-5	58.1241
MSEPUB	ISOBUTENE	Isobutylene	C4H8	115-11-7	56.108158
MSEPUB	ISPROH2ION	2-Propanoxonium ion	C3H9O+1		61.104431
MSEPUB	ISPROION	2-Propanolate	C3H7O-1		59.08849
MSEPUB	ISPROPANOL	2-Propanol	C3H8O	67-63-0	60.096458
MSEPUB	K2ACET2.1H2O	Di-potassium acetate monohydrate	C4H8K2O5		214.301758

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	K2ACET2.3H2O	Di-potassium acetate trihydrate	C4H12K2O7		250.332443
MSEPUB	K2CA5SO46	Potassium calcium sulfate	Ca5K2O24S6		854.968201
MSEPUB	K2CA5SO46.H2O	Goergeyite	Ca5H2K2O25S6		872.983521
MSEPUB	K2CASO42	Potassium calcium sulfate	CaK2O8S2		310.401794
MSEPUB	K2CASO42.1H2O	Syngenite	CaH2K2O9S2		328.417145
MSEPUB	K2CO3	Potassium carbonate	CK2O3	584-08-7	138.205902
MSEPUB	K2CO3.1.5H2O	Potassium carbonate 1.5 hydrate	CH3K2O4.5		165.228912
MSEPUB	K2CO3.6H2O	Potassium carbonate hexahydrate	CH12K2O9		246.297943
MSEPUB	K2HPO4	Potassium hydrogen phosphate(V)	HK2O4P	7758-11-4	174.175934
MSEPUB	K2HPO4.3H2O	Potassium hydrogen orthophosphate(V) trihydrate	H7K2O7P		228.221954
MSEPUB	K2HPO4.6H2O	Potassium hydrogen orthophosphate(V) hexahydrate	H13K2O10P		282.267975
MSEPUB	K2NA2CO32	Sodium-Potassium carbonate	C2K2Na2O6		244.195145
MSEPUB	K2SO4	Potassium sulfate(VI)	K2O4S	7778-80-5	174.260193
MSEPUB	K3NASO42	Glaserite	K3NaO8S2		332.412079
MSEPUB	K3PO4	Potassium orthophosphate(V)	K3O4P	7778-53-2	212.266266
MSEPUB	K3PO4.3H2O	Potassium orthophosphate(V) trihydrate	H6K3O7P		266.312286
MSEPUB	K3PO4.7H2O	Potassium orthophosphate(V) heptahydrate	H14K3O11P		338.373627
MSEPUB	K4H2CO33.H2O	Potassium sesquicarbonate sesquihydrate	C3H5K4O10.5		365.460052
MSEPUB	KACET	Potassium acetate	C2H3KO2		98.143211
MSEPUB	KACCL3	Gidrofillite	CaCl3K		185.535294
MSEPUB	KCL	Potassium chloride	ClK	7447-40-7	74.5513
MSEPUB	KDEG	Potassium diethylene glycolate	C4H9KO3		144.212631
MSEPUB	KEL	Potassium	K	7440-09-7	39.098301
MSEPUB	KF	Potassium fluoride	FK	7789-23-3	58.096703
MSEPUB	KF.2H2O	Potassium fluoride dihydrate	FH4KO2	13455-21-5	94.12738
MSEPUB	KF.4H2O	Potassium fluoride tetrahydrate	FH8KO4	34341-58-7	130.158066
MSEPUB	KH2PO4	Potassium dihydrogen orthophosphate(V)	H2KO4P	7778-77-0	136.085602
MSEPUB	KHCO3	Potassium bicarbonate	CHKO3	298-14-6	100.11557
MSEPUB	KHSO4	Potassium bisulfate(VI)	HKO4S	7646-93-7	136.169876
MSEPUB	KION	Potassium ion(+1)	K+1		39.098301
MSEPUB	KMEG	Potassium monoethylene glycolate	C2H5KO2		100.159149
MSEPUB	KMGCL3	KMgCl3	Cl3KMg		169.762299
MSEPUB	KMGCL3.6H2O	Carnallite	Cl3H12KMgO6		277.85434
MSEPUB	KNACO3	Sodium potassium carbonate	CKNaO3		122.097572
MSEPUB	KNACO3.6H2O	Sodium-Potassium carbonate hydrate	CH12KNaO9		230.189606
MSEPUB	KNO3	Potassium nitrate	KNO3	7757-79-1	101.103203
MSEPUB	KOH	Potassium hydroxide	HKO	1310-58-3	56.105671
MSEPUB	KOH.1H2O	Potassium hydroxide monohydrate	H3KO2		74.12101
MSEPUB	KOH.2H2O	Potassium hydroxide dihydrate	H5KO3		92.136353
MSEPUB	KOH.4H2O	Potassium hydroxide 4 hydrate	H9KO5		128.167023
MSEPUB	KR	Krypton	Kr	7439-90-9	83.800003
MSEPUB	KTEG	Potassium triethylene glycolate	C6H13KO4		188.266113
MSEPUB	LA2S3	Lanthanum(III) sulfide	La2S3	12031-49-1	374.009003
MSEPUB	LAEL	Lanthanum	La	7439-91-0	138.905502
MSEPUB	LAION	Lanthanide ion(+3)	La+3		138.905502
MSEPUB	LAOH2ION	Lanthanum(III) dihydroxide ion(+1)	H2LaO2+1		172.920242
MSEPUB	LAOH3	Lanthanum(III) hydroxide	H3LaO3		189.927612
MSEPUB	LAOH4ION	Lanthanum(III) tetrahydroxide ion(-1)	H4LaO4-1		206.934982
MSEPUB	LAOHION	Lanthanum(III) monohydroxide ion(+2)	HLaO+2		155.912872
MSEPUB	LI2B4O7	Lithium tetraborate	B4Li2O7	12007-60-2	169.117706

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	LI2B4O7.3H2O	Lithium tetraborate trihydrate	B4H6Li2O10	12007-61-3	223.163895
MSEPUB	LI2B8O13	Lithium octaborate	B8Li2O13	12008-40-1	308.354187
MSEPUB	LI2ZNCL4.2H2O	Dilithium zinc chloride dihemihydrate	Cl4H5Li2O2.5Zn		266.122162
MSEPUB	LIB3O5	Lithium triborate	B3LiO5		119.367996
MSEPUB	LIB5O8	Lithium pentaborate	B5LiO8		188.986298
MSEPUB	LIB5O8.5H2O	Lithium pentaborate pentahydrate	B5H10LiO13		279.063293
MSEPUB	LIBO2	Lithium metaborate	BLiO2	13453-69-5	49.749729
MSEPUB	LIBO2.8H2O	Lithium orthoborate hexahydrate	BH16LiO10		193.872894
MSEPUB	LIBOH4	Lithium orthoborate	BH4LiO4	15293-74-0	85.780533
MSEPUB	LICACL3.5H2O	Lithium calcium chloride pentahydrate	CaCl3H10LiO5		243.454605
MSEPUB	LICL	Lithium chloride	CLi	7447-41-8	42.393902
MSEPUB	LICL.1H2O	Lithium chloride monohydrate	ClH2LiO	16712-20-2	60.409241
MSEPUB	LICL.2H2O	Lithium chloride dihydrate	ClH4LiO2		78.424583
MSEPUB	LICL.3H2O	Lithium chloride trihydrate	ClH6LiO3		96.439919
MSEPUB	LICL.5H2O	Lithium chloride pentahydrate	ClH10LiO5		132.470596
MSEPUB	LICLO4	Lithium perchlorate	CLiO4	7791-03-9	106.391502
MSEPUB	LIDEG	Lithium diethylene glycolate	C4H9LiO3		112.055229
MSEPUB	LIEL	Lithium	Li	7439-93-2	6.9409
MSEPUB	LIION	Lithium ion(+1)	Li+1		6.9409
MSEPUB	LIMEG	Lithium monoethylene glycolate	C2H5LiO2		68.001747
MSEPUB	LIOH	Lithium hydroxide	HLiO	1310-65-2	23.948271
MSEPUB	LIOH.1H2O	Lithium hydroxide monohydrate	H3LiO2	1310-66-3	41.963612
MSEPUB	LIPF6	Lithium hexafluorophosphate	F6LiP	21324-40-3	151.905075
MSEPUB	LITEG	lithium triethylene glycolate	C6H13LiO4		156.108704
MSEPUB	LMETHINNION	L-Methionine ion(-1)	C5H10NO2S-1		148.206696
MSEPUB	LUEL	Lutetium	Lu	7439-94-3	174.966995
MSEPUB	LUION	Lutetium ion(+3)	Lu+3		174.966995
MSEPUB	LUOH2ION	Lutetium(III) dihydroxide ion(+1)	H2LuO2+1		208.981735
MSEPUB	LUOH3	Lutetium(III) hydroxide	H3LuO3		225.989105
MSEPUB	LUOH4ION	Lutetium(III) tetrahydroxide ion(-1)	H4LuO4-1		242.996475
MSEPUB	LUOHION	Lutetium(III) monohydroxide ion(+2)	HLuO+2		191.974365
MSEPUB	M4PNTON2	4-Methyl-2-pentanone	C6H12O	108-10-1	100.161636
MSEPUB	MDEXH	Diethanolmethylamine	C5H13NO2	105-59-9	119.164612
MSEPUB	MDEXH2ION	Hydrogen diethanolmethylamine ion(+1)	C5H14NO2+1		120.172577
MSEPUB	MEGCO2ION		C3H5O4-1		105.070747
MSEPUB	MEOH2ION	Methoxonium ion	CH5O+1		33.05035
MSEPUB	MEOION	Methanolate	CH3O-1		31.03441
MSEPUB	MEPYROLIDN	1-Methyl-2-pyrrolidinone	C5H9NO	872-50-4	99.133331
MSEPUB	METHANOL	Methanol	CH4O	67-56-1	32.042381
MSEPUB	MGCA2CL6	MgCa2Cl6	Ca2Cl6Mg		317.178986
MSEPUB	MGCA2CL6.6H2O	MgCa2Cl6.6H2O	Ca2Cl6H12MgO6		425.271027
MSEPUB	MGCL2	Magnesium chloride	Cl2Mg	7786-30-3	95.210999
MSEPUB	MGCL2.12H2O	Magnesium chloride 12 hydrate	Cl2H24MgO12		311.395081
MSEPUB	MGCL2.2H2O	Magnesium chloride dihydrate	Cl2H4MgO2	19098-17-0	113.241684
MSEPUB	MGCL2.4H2O	Magnesium chloride tetrahydrate	Cl2H8MgO4	22695-80-3	167.272354
MSEPUB	MGCL2.6H2O	Magnesium chloride hexahydrate	Cl2H12MgO6	7791-18-6	203.30304
MSEPUB	MGCL2.8H2O	Magnesium chloride octahydrate	Cl2H16MgO8		239.333725
MSEPUB	MGClOH	Magnesium chloride hydroxide	ClHMgO		76.765373
MSEPUB	MGCO3	Magnesium carbonate	CMgO3		84.314301
MSEPUB	MGDEG2	Magnesium diethylene glycolate	C8H18MgO6		234.533661

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	MGEL	Magnesium	Mg	7439-95-4	24.305
MSEPUB	MGF2	Magnesium fluoride	F2Mg	7783-40-6	62.301807
MSEPUB	MGFION	Magnesium monofluoride ion(+1)	FMg+1		43.303402
MSEPUB	MGION	Magnesium ion(+2)	Mg+2		24.305
MSEPUB	MGMEG2	Magnesium monoethylene glycolate	C4H10MgO4		146.426697
MSEPUB	MGNO32	Magnesium nitrate(V)	MgN2O6	10377-60-3	148.314804
MSEPUB	MGNO32.2H2O	Magnesium nitrate(V) dihydrate	H4MgN2O8		184.345474
MSEPUB	MGNO32.6H2O	Magnesium nitrate hexahydrate	H12MgN2O12		256.40683
MSEPUB	MGNO32.9H2O	Magnesium nitrate nonahydrate	H18MgN2O15		310.45285
MSEPUB	MGOH2	Magnesium hydroxide	H2MgO2	1309-42-8	58.31974
MSEPUB	MGOHION	Magnesium hydroxide ion(+1)	HMgO+1		41.31237
MSEPUB	MGSO4	Magnesium sulfate	MgO4S	7487-88-9	120.368599
MSEPUB	MGSO4.1H2O	Magnesium sulfate monohydrate	H2MgO5S		138.383942
MSEPUB	MGSO4.6H2O	Magnesium sulfate hexahydrate	H12MgO10S		228.460648
MSEPUB	MGSO4.7H2O	Magnesium sulfate heptahydrate	H14MgO11S		246.475983
MSEPUB	MGTEG2	Magnesium triethylene glycolate	C12H26MgO8		322.640625
MSEPUB	MNEL	Manganese	Mn	7439-96-5	54.938
MSEPUB	MNION	Manganese ion(+2)	Mn+2		54.938
MSEPUB	MNO4ION	Manganate(VI) ion(-2)	MnO4-2		118.9356
MSEPUB	MNOH2	Manganese(II) hydroxide	H2MnO2	18933-05-6	88.952744
MSEPUB	MNOH3ION	Manganese(II) trihydroxide ion(-1)	H3MnO3-1		105.960114
MSEPUB	MNOH4ION	Manganese(II) tetrahydroxide ion(-2)	H4MnO4-2		122.967484
MSEPUB	MNOHION	Manganese(II) monohydroxide ion (+1)	HMnO+1		71.945374
MSEPUB	MNS	Manganese(II) sulfide	MnS	18820-29-6	87.003998
MSEPUB	MNVIIO4ION	Manganate ion(-1)	MnO4-1		118.9356
MSEPUB	MO7O24ION	Heptamolybdenate ion(-6)	Mo7O24-6		1055.565552
MSEPUB	MOEL	Molybdenum	Mo	7439-98-7	95.940002
MSEPUB	MOION	Molybdenum ion(+3)	Mo+3		95.940002
MSEPUB	MOO2	Molybdenum(IV) oxide	MoO2		127.938797
MSEPUB	MOO2SO4.1H2O		H2MoO7S		242.0177
MSEPUB	MOO2SO42ION		MoO10S2-2		320.06601
MSEPUB	MOO3	Molybdenum(VI) oxide	MoO3	1313-27-5	143.938202
MSEPUB	MOO3.1H2O	Molybdic acid	H2MoO4	7782-91-4	161.9534
MSEPUB	MOO3.2H2O	Molybdenum(VI) trioxide dihydrate	H4MoO5		179.968903
MSEPUB	MOO4ION	Molybdenate(VI) ion(-2)	MoO4-2	14259-85-9	159.937607
MSEPUB	MOOH2ION	Molybdenum(III) hydroxide ion (+1)	H2MoO2+		129.954697
MSEPUB	MOOH3	Molybdenum(III) hydroxide	H3MoO3		146.962112
MSEPUB	MOOHION	Molybdenum(III) hydroxide ion (+2)	HMnO+2		112.949699
MSEPUB	MORPHOLN26ION	2,6-dimethylmorpholinium ion	C6H14NO+1		116.184196
MSEPUB	MORPHOLN26ME	2,6-dimethylmorpholine	C6H13NO	141-91-3	115.1763
MSEPUB	MXYLENE	1,3-Dimethylbenzene	C8H10	108-38-3	106.168503
MSEPUB	N2	Nitrogen	N2	7727-37-9	28.013399
MSEPUB	N2H4	Hydrazine	H4N2	302-01-2	32.04528
MSEPUB	N2H5ION	Hydrogen hydrazine ion(+1)	H5N2+1		33.053249
MSEPUB	N2O	Nitrous oxide	N2O	10024-97-2	44.012798
MSEPUB	N2O4	Dinitrogen tetroxide	N2O4	10544-72-6	92.011002
MSEPUB	N2O5	Dinitrogen pentoxide	N2O5		108.010399
MSEPUB	NA2ADIPATE	Sodium adipate	C6H8Na2O4		190.107895
MSEPUB	NA2B4O7	Sodium tetraborate	B4Na2O7	1330-43-4	201.215897
MSEPUB	NA2CA5SO4	sodium pentacalcium sulfate	Ca5Na2O24S6		822.751526

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	NA2CA5SO4.3H2O	Pentasulfate	Ca5H6Na2O27S6		876.797485
MSEPUB	NA2CASO42	Glauberite	CaNa2O8S2		278.185211
MSEPUB	NA2CO3	Sodium carbonate	CNa2O3	497-19-8	105.989243
MSEPUB	NA2CO3.10H2O	Sodium carbonate decahydrate	CH20Na2O13		286.142639
MSEPUB	NA2CO3.1H2O	Sodium carbonate monohydrate	CH2Na2O4		124.004578
MSEPUB	NA2CO3.7H2O	Sodium carbonate heptahydrate	CH14Na2O10		232.096619
MSEPUB	NA2CTRITION	disodium citrate ion(-1)	C6H5Na2O7-1		235.082184
MSEPUB	NA2HCITR	disodium hydrogen citrate	C6H6Na2O7		236.090164
MSEPUB	NA2HPO4	Sodium hydrogen orthophosphate	HNa2O4P	7558-79-4	141.959274
MSEPUB	NA2HPO4.12H2O	Sodium hydrogen orthophosphate dodecahydrate	H25Na2O16P		358.143341
MSEPUB	NA2HPO4.2H2O	Sodium hydrogen orthophosphate dihydrate	H5Na2O6P		177.989944
MSEPUB	NA2HPO4.7H2O	Sodium hydrogen orthophosphate heptahydrate	H15Na2O11P		268.06665
MSEPUB	NA2IPHTHT	Disodium isophthalate	C8H4Na2O4		210.098221
MSEPUB	NA2O	Disodium oxide	Na2O	1313-59-3	61.97934
MSEPUB	NA2S2O3	Sodium thiosulfate	Na2O3S2	7772-98-7	158.110138
MSEPUB	NA2S2O3.2H2O	Sodium thiosulfate dihydrate	H4Na2O5S2		194.140823
MSEPUB	NA2S2O3.5H2O	Sodium thiosulfate pentahydrate	H10Na2O8S2		248.186844
MSEPUB	NA2SO4	Sodium sulfate	Na2O4S	7757-82-6	142.043533
MSEPUB	NA2SO4.10H2O	Sodium sulfate decahydrate	H20Na2O14S		322.19693
MSEPUB	NA2SO4M	Sodium sulfate (monoclinic)	Na2O4S	7757-82-6	142.043533
MSEPUB	NA2TPHTHT	Disodium terephthalate	C8H4Na2O4		210.098221
MSEPUB	NA3CITR	Tri-sodium citrate anhydrous	C6H5Na3O7		258.072174
MSEPUB	NA3CITR.2H2O	Tri-sodium citrate dihydrate	C6H9Na3O9		294.102844
MSEPUB	NA3CITR.5.5H2O	Tri-sodium citrate 5.5-hydrate	C6H16Na3O12.5		357.156525
MSEPUB	NA3HCO32	anhydrous trona	C2HNa3O6		189.996475
MSEPUB	NA3HCO32.2H2O	sodium sesquicarbonate dihydrate	C2H5Na3O8		226.027161
MSEPUB	NA3HSO42	Sodium sulfate bisulfate	HNa3O8S2		262.105072
MSEPUB	NA3NO3SO4	Sodium nitrate sulfate	NNa3O7S		227.038406
MSEPUB	NA3NO3SO4.H2O	Sodium nitrate sulfate hydrate	H2NNa3O8S		245.053757
MSEPUB	NA3PO4	Sodium orthohosphate	Na3O4P	7601-54-9	163.941269
MSEPUB	NA3PO4.12H2O	Sodium orthophosphate dodecahydrate	H24Na3O16P		380.125336
MSEPUB	NA3PO4.1H2O	Sodium orthophosphate monohydrate	H2Na3O5P		181.956604
MSEPUB	NA3PO4.6H2O	Sodium orthophosphate hexahydrate	H12Na3O10P		272.033325
MSEPUB	NA3PO4.8H2O	Sodium orthophosphate octahydrate	H16Na3PO12		308.063995
MSEPUB	NA3SO4F	Kogarkoite	FNa3O4S		184.031906
MSEPUB	NA4CASO43	disodium calcium sulfate	CaNa4O12S3		420.228668
MSEPUB	NA4CASO43.2H2O	Labile salt	CaH4Na4O14S3		456.259399
MSEPUB	NA4P2O7	Sodium pyrophosphate(V)	Na4O7P2	7722-88-5	265.903198
MSEPUB	NA5H3CO34	wegscheider's salt	C4H3Na5O12		358.010956
MSEPUB	NA5P3O10	Pentasodium triphosphorous decaoxide	Na5O10P3		367.865143
MSEPUB	NA6SO42CO3	Hexasodium carbonate bissulfate	CNa6O11S2		390.076324
MSEPUB	NA8OH2SO43	NA8OH2SO43	H2Na8O14S3		506.125305
MSEPUB	NAACET	Sodium acetate	C2H3NaO2		82.034882
MSEPUB	NAACET.3H2O	Sodium acetate trihydrate	C2H9NaO5		136.080902
MSEPUB	NAALCO3OH2	Sodium aluminum dihydroxide carbonate	AICH2NaO5		143.995544
MSEPUB	NAALO2	Sodium aluminate	AlNaO2	1302-42-7	81.970306
MSEPUB	NAALO2.2.5H2O	Sodium aluminum oxide 2.5 hydrate	Al2H5Na2O6.5		208.978973
MSEPUB	NAALOH4	Sodium aluminate	AlH4NaO4		118.000992
MSEPUB	NABO2.2H2O	Sodium metaborate dihydrate	BH4NaO4		101.829498
MSEPUB	NACL	Sodium chloride	ClNa	7647-14-5	58.44297

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	NACL.2H2O	Salt	ClH4NaO2		94.473648
MSEPUB	NACTRTION	Sodium citrate ion(-2)	C6H5NaO7-2		212.092224
MSEPUB	NADEG	sodium diethylene glycolate	C4H9NaO3		128.104294
MSEPUB	NAEL	Sodium	Na	7440-23-5	22.989969
MSEPUB	NAF	Sodium fluoride	FNa	7681-49-4	41.988373
MSEPUB	NAH2CITR	sodium dihydrogen citrate	C6H7Na1O7		214.108154
MSEPUB	NAH2PO4	Sodium dihydrogen orthophosphate	H2NaO4P	7558-80-7	119.977272
MSEPUB	NAH2PO4.1H2O	Sodium dihydrogen orthophosphate monohydrate	H4NaO5P		137.992615
MSEPUB	NAH2PO4.2H2O	Sodium dihydrogen orthophosphate dihydrate	H6NaO6P		156.00795
MSEPUB	NAH3F4	Sodium trihydrogen tetrafluoride	F4H3Na		102.007477
MSEPUB	NAH4F5	Sodium tetrahydrogen pentafluoride	F5H4Na		122.013802
MSEPUB	NAHADIPATE	Sodium hydrogen adipate	C6H9NaO4		168.1259
MSEPUB	NAHCO3	Sodium bicarbonate	CHNaO3	144-55-8	84.00724
MSEPUB	NAHF2	Sodium hydrogen difluoride	F2HNa	1333-83-1	61.994751
MSEPUB	NAHPO4ION	Sodium hydrogen orthophosphate ion (-1)	HNaO4P-1		118.969299
MSEPUB	NAHSO4	Sodium bisulfate	HNaO4S	7681-38-1	120.061539
MSEPUB	NAION	Sodium ion(+1)	Na+1		22.989969
MSEPUB	NAKNO32	Sodium potassium nitrate	KN2NaO6		186.098068
MSEPUB	NAMEG	sodium monoethylene glycolate	C2H5NaO2		84.050819
MSEPUB	NANICOT	Sodium nicotinate	C6H4NNaO2		145.093948
MSEPUB	NANICOT.05H2O	Sodium nicotinate hemihydrate	C6H5NNaO2.5		154.101624
MSEPUB	NANICOT.15H2O	Sodium nicotinate sesquihydrate	C6H7NNaO3.5		172.116959
MSEPUB	NANO3	Sodium nitrate	NNaO3	7631-99-4	84.994873
MSEPUB	NAOH	Sodium hydroxide	HNaO	1310-73-2	39.997341
MSEPUB	NAOH.1H2O	Sodium hydroxide monohydrate	H3NaO2		58.01268
MSEPUB	NAOH.2H2O	Sodium hydroxide dihydrate	H5NaO3		76.028023
MSEPUB	NAOH.3.5H2O	Sodium hydroxide 3.5 hydrate	H8NaO4.5		103.051033
MSEPUB	NAOH.4H2O	Sodium hydroxide 4 hydrate	H9NaO5		112.058701
MSEPUB	NAOH.5H2O	Sodium hydroxide 5 hydrate	H11NaO6		130.074036
MSEPUB	NAOH.7H2O	Sodium hydroxide 7 hydrate	H15NaO8		166.104721
MSEPUB	NAPHTHALEN	Naphthalene	C10H8	91-20-3	128.174805
MSEPUB	NATEG	sodium triethylene glycolate	C6H13NaO4		172.157776
MSEPUB	NB2O5	Niobium(V) oxide	Nb2O5	1313-96-8	265.809814
MSEPUB	NBEL	Niobium	Nb	7440-03-1	92.906403
MSEPUB	NBO3ION	Niobate(V) ion(-1)	NbO3-1		140.904602
MSEPUB	NDEL	Neodymium	Nd	7440-00-8	144.240005
MSEPUB	NDION	Neodymium ion(+3)	Nd+3		144.240005
MSEPUB	NDOH2ION	Neodymium(III) dihydroxide ion(+1)	H2NdO2+1		178.254745
MSEPUB	NDOH3	Neodymium(III) hydroxide	H3NdO3		195.262115
MSEPUB	NDOH4ION	Neodymium(III) tetrahydroxide ion(-1)	H4NdO4-1		212.269485
MSEPUB	NDOHION	Neodymium(III) monohydroxide ion(+2)	HNdO+2		161.247375
MSEPUB	NE	Neon	Ne	7440-01-9	20.179001
MSEPUB	NEOPENTANE	Neopentane	C5H12	463-82-1	72.151138
MSEPUB	NH2CO2ION	Carbamate ion(-1)	CH2NO2-1		60.032539
MSEPUB	NH2SO3ION	Sulfamate ion (-1)	H2NO3S-1		96.086838
MSEPUB	NH3	Ammonia	H3N	7664-41-7	17.030609
MSEPUB	NH3SO3	Sulfamic acid	H3NO3S	5329-14-6	97.09481
MSEPUB	NH42CO3	Ammonium carbonate	CH8N2O3		96.086456
MSEPUB	NH42CO3.1H2O	Ammonium carbonate monohydrate	CH10N2O4		114.101799
MSEPUB	NH42SO4	Ammonium sulfate	H8N2O4S	7783-20-2	132.140762

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	NH4HSO42	Letovicite	H13N3O8S2		247.250916
MSEPUB	NH4CL	Ammonium chloride	ClH4N	12125-02-9	53.491581
MSEPUB	NH4CLB	Ammonium chloride - beta solid	ClH4N	12125-02-9	53.491581
MSEPUB	NH4CO2NH2	Ammonium carbamate	CH6N2O2	1111-78-0	78.071098
MSEPUB	NH4H3SO42	Ammonium bisulfate sulfuric acid	H7NO8S2		213.189804
MSEPUB	NH4HCO3	Ammonium bicarbonate	CH5NO3	1066-33-7	79.055847
MSEPUB	NH4HF2	Ammonium hydrogen difluoride	F2H5N	1341-49-7	57.043358
MSEPUB	NH4HS	Ammonium bisulfide	H5NS	12124-99-1	51.112549
MSEPUB	NH4HSO4	Ammonium hydrogen sulfate	H5NO4S	7803-63-6	115.110153
MSEPUB	NH4ION	Ammonium ion(+1)	H4N+1		18.03858
MSEPUB	NH4NO3	Ammonium nitrate	H4N2O3	6484-52-2	80.04348
MSEPUB	NH4OH	Ammonium hydroxide	H5NO	1336-21-6	35.045952
MSEPUB	NICL2	Nickel(II) chloride	Cl2Ni		129.576004
MSEPUB	NICL2.2H2O	Nickel(II) chloride dihydrate	Cl2H4NiO2	17638-48-1	165.606674
MSEPUB	NICL2.4H2O	Nickel(II) chloride tetrahydrate	Cl2H8NiO4	34304-82-0	201.63736
MSEPUB	NICL2.6H2O	Nickel(II) chloride hexahydrate	Cl2H12NiO6	7791-20-0	237.668045
MSEPUB	NICL2.7H2O	Nickel(II) chloride heptahydrate	Cl2H14NiO7		255.68338
MSEPUB	NICLION	Nickel(II) monochloride ion(+1)	CINi+1		94.123001
MSEPUB	NICOTACDION	Nicotinic acid ion(-1)	C6H4NO2-1		122.103981
MSEPUB	NICOTHCL	Nicotinic acid hydrochloride	C6ClH6NO2		159.572922
MSEPUB	NIEL	Nickel	Ni		58.669998
MSEPUB	NIHNO3ION	Nickel(II) hydrogen nitrate ion(+2)	HNNiO3+2		121.6828
MSEPUB	NIION	Nickel ion(+2)	Ni+2		58.669998
MSEPUB	NINO32	Nickel(II) nitrate	N2NiO6		182.679794
MSEPUB	NINO32.2H2O	Nickel(II) nitrate dihydrate	H4N2NiO8		218.710495
MSEPUB	NINO32.4H2O	Nickel(II) nitrate tetrahydrate	H8N2NiO10		254.741196
MSEPUB	NINO32.6H2O	Nickel(II) nitrate hexahydrate	H12N2NiO12		290.771912
MSEPUB	NINO32.9H2O	Nickel(II) nitrate nonahydrate	H18N2NiO15		344.817505
MSEPUB	NINO3ION	Nickel(II) nitrate ion(+1)	NNiO3+1		120.674896
MSEPUB	NIOH2	Nickel(II) hydroxide	H2NiO2	12054-48-7	92.684738
MSEPUB	NIOH3ION	Nickel(II) trihydroxide ion(-1)	H3NiO3-1		109.692108
MSEPUB	NIOHION	Nickel(II) monohydroxide ion (+1)	HNiO+1		75.677368
MSEPUB	NIS	Nickel(II) sulfide	NiS	16812-54-7	90.736
MSEPUB	NISO4	Nickel(II) sulfate	NiO4S	7786-81-4	154.733597
MSEPUB	NISO4.1H2O	Nickel(II) sulfate monohydrate	H2NiO5S		172.748947
MSEPUB	NISO4.6H2O	Nickel(II) sulfate hexahydrate	H12NiO10S		262.825653
MSEPUB	NISO4.7H2O	Nickel(II) sulfate heptahydrate	H14NiO11S		280.840973
MSEPUB	NNM2ACEAMD	N,N-Dimethylacetamide	C4H9NO	127-19-5	87.122231
MSEPUB	NO	Nitric oxide	NO	10102-43-9	30.0061
MSEPUB	NO2	Nitrogen dioxide	NO2	10102-44-0	46.005501
MSEPUB	NO2ION	Nitrite ion(-1)	NO2-1		46.005501
MSEPUB	NO3ION	Nitrate ion(-1)	NO3-1		62.004902
MSEPUB	NONACOSAN	n-Nonacosane	C29H60	630-03-5	408.80011
MSEPUB	NPIIIION	Neptunium ion(+3)	Np+3		237.048004
MSEPUB	NPIIOH3	Neptunium(III) hydroxide	H3NpO3		288.070099
MSEPUB	NPIIOHION	Neptunium(III) monohydroxide ion(+2)	HNpO+2		254.055374
MSEPUB	NPIVION	Neptunium ion(+4)	Np+4		237.048004
MSEPUB	NPIVOH2ION	Neptunium(IV) dihydroxide ion(+2)	H2NpO2+2		271.062744
MSEPUB	NPIVOH3ION	Neptunium(IV) trihydroxide ion(+1)	H3NpO3+1		288.070099
MSEPUB	NPIVOH4	Neptunium(IV) hydroxide	H4NpO4		305.077484

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	NPVOH5ION	Neptunium(IV) pentahydroxide ion(-1)	H5NpO5-1		322.084839
MSEPUB	NPVOHION	Neptunium(IV) monohydroxide ion(+3)	HNpO+3		254.055374
MSEPUB	NPO22OH2ION	Di(dioxoneptunium(VI)) dihydroxide ion(+2)	H2Np2O6+2		572.108337
MSEPUB	NPO23OH5ION	Tri(dioxoneptunium(VI)) pentahydroxide ion(+1)	H5Np3O11+1		892.177246
MSEPUB	NPO2ION	Dioxoneptunium(VI) ion(+2)	NpO2+2		269.046814
MSEPUB	NPO2OH2	Dioxoneptunium(VI) hydroxide	H2NpO4		303.061554
MSEPUB	NPO2OHION	Dioxoneptunium(VI) monohydroxide(+1)	HNpO3+1		286.054169
MSEPUB	NPVO2ION	Dioxoneptunium(V) ion(+1)	NpO2+1		269.046814
MSEPUB	NPVO2OH	Dioxoneptunium(V) hydroxide	HO3Np		286.054169
MSEPUB	O2	Oxygen	O2	7782-44-7	31.9988
MSEPUB	OCP	Octacalcium phosphate	Ca4H6O14.5P3		491.2724
MSEPUB	OCTACOSAN	n-Octacosane	C28H58	630-02-4	394.773102
MSEPUB	OHION	Hydroxide ion(-1)	HO-1		17.00737
MSEPUB	OXYLENE	1,2-Dimethylbenzene	C8H10	95-47-6	106.168503
MSEPUB	OZONE	Ozone	O3	10028-15-6	47.998199
MSEPUB	P2O5	Phosphorus pentoxide	O5P2		141.944519
MSEPUB	P2O7ION	Pyrophosphate ion(-4)	O7P2-4		173.943314
MSEPUB	P3O10ION	triphosphate ion	O10P3-5		252.915283
MSEPUB	P4EL	Phosphorus	P4	12185-10-3	123.895042
MSEPUB	P4O10	Phosphorus pentoxide (dimer)	O10P4	16752-60-6	283.889038
MSEPUB	PAA	Poly(acrylic acid)	C28H37.3333O18.66666		672.596985
MSEPUB	PAA2000ION	Poly(acrylate ion)2000-3	C84H109O56-3		2014.767578
MSEPUB	PBEL	Lead	Pb	7439-92-1	207.199997
MSEPUB	PBHS2	Lead(II) bisulfide	H2PbS2		273.347931
MSEPUB	PBION	Lead(II) ion(+2)	Pb+2		207.199997
MSEPUB	PBO	Lead(II) oxide	OPb		223.199402
MSEPUB	PBOH2	Lead(II) hydroxide	H2O2Pb	1311-11-1	241.214737
MSEPUB	PBOHION	Lead(II) monohydroxide ion(+1)	HOPb+1		224.207367
MSEPUB	PBS	Lead(II) sulfide	PbS	1314-87-0	239.266006
MSEPUB	PDEL	Palladium	Pd	7440-05-3	106.419998
MSEPUB	PDIIION	Palladium ion(+2)	Pd+2		106.419998
MSEPUB	PDIIOH2	Palladium(II) hydroxide	H2O2Pd		140.434738
MSEPUB	PDIIOHION	Palladium(II) monohydroxide ion(+1)	HOPd+1		123.427368
MSEPUB	PDS	Palladium(II) sulfide	PdS		138.485992
MSEPUB	PEG600ION	PEG-600 (-1) ion	C26H53O14-1		589.702637
MSEPUB	PEGL600ION	PEG-600 (-2) ion	C26H52O14-2		588.694641
MSEPUB	PEL	Phosphorus	P	7723-14-0	30.973761
MSEPUB	PENTCOSAN	n-Pentacosane	C25H52	629-99-2	352.691895
MSEPUB	PENTTRIACT	n-Pentatriacontane	C35H72	630-07-9	492.962311
MSEPUB	PF6ION	hexafluorophosphate ion	F6P-1		144.964172
MSEPUB	PHENANTHR	Phenanthrene	C14H10	85-01-8	178.235107
MSEPUB	PO4ION	Phosphate ion(-3)	O4P-3		94.971359
MSEPUB	PR1OH2ION	Propanoxonium ion	C3H9O+1		61.104431
MSEPUB	PR1OION	Propanolate	C3H7O-1		59.08849
MSEPUB	PREL	Praseodymium	Pr	7440-10-0	140.9077
MSEPUB	PRION	Praseodymium ion(+3)	Pr+3		140.9077
MSEPUB	PROH2ION	Praseodymium(III) dihydroxide ion(+1)	H2O2Pr+1		174.92244
MSEPUB	PROH3	Praseodymium(III) hydroxide	H3O3Pr		191.92981
MSEPUB	PROH4ION	Praseodymium(III) tetrahydroxide ion(-1)	H4O4Pr-1		208.93718
MSEPUB	PROHION	Praseodymium(III) monohydroxide ion(+2)	HOPr+2		157.91507

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	PROPANOL1	1-Propanol	C3H8O	71-23-8	60.096458
MSEPUB	PRPLNCARB	Propylene carbonate	C4H6O3	108-32-7	102.090424
MSEPUB	PRPLNGLY12	1,2-Propanediol	C3H8O2	57-55-6	76.095863
MSEPUB	PRPLNGLYHION	Propylene glycoxonium ion	C3H9O2+1		77.103828
MSEPUB	PRPLNGLYION	1,2-Propanediolate	C3H7O2-1		75.087891
MSEPUB	PTEL	Platinum	Pt	7440-06-4	195.080002
MSEPUB	PTIIION	Platinum ion(+2)	Pt+2		195.080002
MSEPUB	PTIIOH2	Platinum(II) hydroxide	H2O2Pt		229.094742
MSEPUB	PTIIOHION	Platinum(II) monohydroxide ion(+1)	HOPt+1		212.087372
MSEPUB	PTIVION	Platinum ion(+4)	Pt+4		195.080002
MSEPUB	PTOH4	Platinum hydroxide	H4O4Pt		263.109467
MSEPUB	PTS	Platinum(II) sulfide	PtS		227.145996
MSEPUB	PU2O3	Plutonium(III) oxide	O3Pu2		535.99823
MSEPUB	PUEL	Plutonium	Pu		244
MSEPUB	PUIIIION	Plutonium ion(+3)	Pu+3		244
MSEPUB	PUIIIOH3	Plutonium(III) hydroxide	H3O3Pu		295.022125
MSEPUB	PUIVION	Plutonium ion(+4)	Pu+4		244
MSEPUB	PUIVOH2ION	Plutonium(IV) dihydroxide ion(+2)	H2O2Pu+2		278.01474
MSEPUB	PUIVOH3ION	Plutonium(IV) trihydroxide ion(+1)	H3O3Pu+1		295.022125
MSEPUB	PUIVOH4	Plutonium(IV) hydroxide	H4O4Pu		312.02948
MSEPUB	PUIVOHION	Plutonium(IV) monohydroxide ion(+3)	HOPu+3		261.007385
MSEPUB	PUO22OH2ION	Di(dioxyplutonium(VI)) dihydroxide ion(+2)	H2O6Pu2+2		586.012329
MSEPUB	PUO23OH5ION	Tri(dioxyplutonium(VI)) pentahydroxide ion(+1)	H5O11Pu3+1		913.033264
MSEPUB	PUO2ION	Dioxyplutonium(VI) ion(+2)	O2Pu+2		275.99881
MSEPUB	PUO2OH2	Dioxyplutonium(VI) hydroxide	H2O4Pu		310.01355
MSEPUB	PUO2OHION	Dioxyplutonium(VI) monohydroxide ion(+1)	HO3Pu+1		293.006165
MSEPUB	PUVO2ION	Dioxyplutonium(V) ion(+1)	O2Pu+1		275.99881
MSEPUB	PUVO2OH	Dioxyplutonium(V) hydroxide	HO3Pu		293.006165
MSEPUB	PXYLENE	1,4-Dimethylbenzene	C8H10	106-42-3	106.168503
MSEPUB	RAEL	Radium	Ra		226.024994
MSEPUB	RAION	Radium ion(+2)	Ra+2		226.024994
MSEPUB	RAOH2	Radium hydroxide	H2O2Ra		260.039734
MSEPUB	RAOHION	Radium monohydroxide ion(+1)	HORa+1		243.032364
MSEPUB	RAS	Radium sulfide	RaS		258.091003
MSEPUB	RBEL	Rubidium	Rb	7440-17-7	85.467796
MSEPUB	RBION	Rubidium ion(+1)	Rb+1		85.467796
MSEPUB	RBOH	Rubidium hydroxide	HORb	1310-82-3	102.475166
MSEPUB	REEL	Rhenium	Re	7440-15-5	186.207001
MSEPUB	REO4ION	Rhenate(VII) ion(-1)	O4Re-1		250.204605
MSEPUB	RH2O3	Rhodium(III) oxide	O3Rh2		253.809204
MSEPUB	RHEL	Rhodium	Rh	7440-16-6	102.905502
MSEPUB	RHIIION	Rhodium ion(+3)	Rh+3		102.905502
MSEPUB	RHIIIOH2ION	Rhodium(III) dihydroxide ion(+1)	H2O2Rh+1		136.920242
MSEPUB	RHIIIOH3	Rhodium(III) hydroxide	H3O3Rh		153.927612
MSEPUB	RHIIIOHION	Rhodium(III) monohydroxide ion(+2)	HORh+2		119.912872
MSEPUB	RHIIION	Rhodium(III) ion(+2)	Rh+2		102.905502
MSEPUB	RHIIOH2	Rhodium(II) hydroxide	H2O2Rh		136.920242
MSEPUB	RHIIOHION	Rhodium(II) monohydroxide ion(+1)	HORh+1		119.912872
MSEPUB	RN	Radon	Rn	10043-92-2	222
MSEPUB	RUEL	Ruthenium	Ru	7440-18-8	101.07

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	RUIIIION	Ruthenium ion(+3)	Ru+3		101.07
MSEPUB	RUIIOH2ION	Ruthenium(III) dihydroxide ion(+1)	H2O2Ru+1		135.084747
MSEPUB	RUIIOH3	Ruthenium(III) hydroxide	H3O3Ru		152.092117
MSEPUB	RUIIOHION	Ruthenium(III) monohydroxide ion(+2)	HORu+2		118.07737
MSEPUB	RUIIIION	Ruthenium ion(+2)	Ru+2		101.07
MSEPUB	RUIIOH2	Ruthenium(II) hydroxide	H2O2Ru		135.084747
MSEPUB	RUIIOHION	Ruthenium(II) monohydroxide ion(+1)	HORu+1		118.07737
MSEPUB	S2ION	Disulfide ion(-2)	S2-2		64.132004
MSEPUB	S2O3ION	Thiosulfite(II) ion(-2)	O3S2-2		112.130203
MSEPUB	S2O4ION	Thiosulfate(III) ion(-2)	O4S2-2		128.129593
MSEPUB	S2O6ION	Metasulfate(V) ion(-2)	O6S2-2		160.128403
MSEPUB	S2O8ION	Parasulfate(VII) ion(-2)	O8S2-2		192.127197
MSEPUB	S3ION	Trisulfide ion(-2)	S3-2		96.197998
MSEPUB	S4ION	Tetrasulfide ion(-2)	S4-2		128.264008
MSEPUB	S5ION	Pentasulfide ion(-2)	S5-2		160.330002
MSEPUB	S5O6ION	Pentasulfate(II) ion(-2)	O6S5-2		256.326385
MSEPUB	SB2O3	Antimony(III) oxide	O3Sb2	1309-64-4	291.498199
MSEPUB	SB2O5	Antimony(V) oxide	O5Sb2	1314-60-9	323.497009
MSEPUB	SB2S3	Antimony(III) sulfide	S3Sb2	1345-04-6	339.697998
MSEPUB	SBEL	Antimony	Sb	7440-36-0	121.75
MSEPUB	SBOH2ION	Antimony(III) dihydroxide ion(+1)	H2O2Sb+1		155.76474
MSEPUB	SBOH3	Antimony(III) hydroxide	H3O3Sb		172.77211
MSEPUB	SBOH4ION	Antimony(III) tetrahydroxide ion(-1)	H4O4Sb-1		189.77948
MSEPUB	SBOH5	Antimony(V) hydroxide	H5O5Sb		206.78685
MSEPUB	SCEL	Scandium	Sc	7440-20-2	44.95591
MSEPUB	SCION	Scandium ion(+3)	Sc+3		44.95591
MSEPUB	SCOH3	Scandium hydroxide	H3O3Sc		95.97802
MSEPUB	SEEL	Selenium	Se	7782-49-2	78.959999
MSEPUB	SEH2	Dihydrogen selenide	H2Se	7783-07-5	80.975937
MSEPUB	SEION	Selenide ion(-2)	Se-2		78.959999
MSEPUB	SEO2	Selenium dioxide	O2Se	7446-08-4	110.958801
MSEPUB	SEO3ION	Selenite ion(-2)	O3Se-2		126.958199
MSEPUB	SEO4ION	Selenate ion(-2)	O4Se-2		142.957596
MSEPUB	SIEL	Silicon	Si	7440-21-3	28.085501
MSEPUB	SIO2	Silicon dioxide (amorphous)	O2Si		60.084301
MSEPUB	SION	Sulfide ion(-2)	S-2		32.066002
MSEPUB	SMEL	Samarium	Sm	7440-19-9	150.360001
MSEPUB	SMIIION	Samarium ion(+3)	Sm+3		150.360001
MSEPUB	SMIIION	Samarium ion(+2)	Sm+2		150.360001
MSEPUB	SMIIOH2	Samarium(II) hydroxide	H2O2Sm		184.374741
MSEPUB	SMOH2ION	Samarium(III) dihydroxide ion(+1)	H2O2Sm+1		184.374741
MSEPUB	SMOH3	Samarium(III) hydroxide	H3O3Sm		201.382111
MSEPUB	SMOH4ION	Samarium(III) tetrahydroxide ion(-1)	H4O4Sm-1		218.389481
MSEPUB	SMOHION	Samarium(III) monohydroxide ion(+2)	HOSm+2		167.367371
MSEPUB	SNCH3SO32	Tin(II) methanesulfonate	C2H6O6S2Sn	53408-94-9	308.908417
MSEPUB	SNCH3SO3ION	Tin(II) methanesulfonate ion (+1)	CH3O3SSn		213.809204
MSEPUB	SNCL2	Tin(II) chloride	Cl2Sn		189.615997
MSEPUB	SNCL3ION	Tin(II) trichloride ion(-1)	Cl3Sn-1	225.069	
MSEPUB	SNCL4ION	Tin(II) tetrachloride ion(-2)	Cl4Sn-2		260.522003
MSEPUB	SNCLION	Tin(II) monochloride(+1)	ClSn+1		154.162994

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	SNEL	Tin	Sn	7440-31-5	118.709999
MSEPUB	SNION	Tin ion(+2)	Sn+2		118.709999
MSEPUB	SNIVCL2ION	Tin(IV) dichloride ion(+2)	Cl2Sn+2		189.615997
MSEPUB	SNIVCL3ION	Tin(IV) trichloride ion(+1)	Cl3Sn+1		225.069
MSEPUB	SNIVCL4	Tin(IV) chloride	Cl4Sn		260.522003
MSEPUB	SNIVCL5ION	Tin(IV) pentachloride ion(-1)	Cl5Sn-1		295.975006
MSEPUB	SNIVCLION	Tin(IV) monochloride ion(+3)	ClSn+3		154.162994
MSEPUB	SNIVION	Tin ion(+4)	Sn+4		118.709999
MSEPUB	SNIVOH2ION	Tin(IV) dihydroxide ion(+2)	H2O2Sn+2		152.724747
MSEPUB	SNIVOH3ION	Tin(IV) trihydroxide ion(+1)	H3O3Sn+1		169.732117
MSEPUB	SNIVOH4	Tin(IV) hydroxide	H4O4Sn		186.739487
MSEPUB	SNIVOH5ION	Tin(IV) pentahydroxide ion(-1)	H5O5Sn-1		203.746857
MSEPUB	SNIVOHION	Tin(IV) monohydroxide ion(+3)	HOSn+3		135.717377
MSEPUB	SNO	Tin(II) oxide	OSn	21651-19-4	134.709396
MSEPUB	SNO2	Tin(IV) oxide	O2Sn	18282-10-5	150.708801
MSEPUB	SNOH2	Tin(II) hydroxide	H2O2Sn		152.724747
MSEPUB	SNOHION	Tin(II) monohydroxide ion(+1)	HOSn+1		135.717377
MSEPUB	SO2	Sulfur dioxide	O2S	7446-09-5	64.064796
MSEPUB	SO3	Sulfur trioxide	O3S	7446-11-9	80.064201
MSEPUB	SO3FION		FO3S-1		99.062599
MSEPUB	SO3ION	Sulfite ion(-2)	O3S-2		80.064201
MSEPUB	SO4ION	Sulfate ion(-2)	O4S-2		96.063599
MSEPUB	SREL	Strontium	Sr	7440-24-6	87.620003
MSEPUB	SRION	Strontium ion(+2)	Sr+2		87.620003
MSEPUB	SROH2	Strontium hydroxide	H2O2Sr	18480-07-4	121.634743
MSEPUB	SROHION	Strontium monohydroxide ion(+1)	HOSr+1		104.627373
MSEPUB	SULFUREL	Sulfur	S8	7704-34-9	256.528015
MSEPUB	TA2O5	Tantalum(V) oxide	O5Ta2	1314-61-0	441.892792
MSEPUB	TAEI	Tantalum	Ta	7440-25-7	180.947906
MSEPUB	TAO3ION	Tantalate ion(-1)	O3Ta-1		228.946106
MSEPUB	TB2O3	Terbium(III) oxide	O3Tb2	12036-41-8	365.848999
MSEPUB	TBEL	Terbium	Tb	7440-27-9	158.9254
MSEPUB	TBFION	Terbium(III) monofluoride ion(+2)	FTb+2		177.923798
MSEPUB	TBION	Terbium ion(+3)	Tb+3		158.9254
MSEPUB	TBOH2ION	Terbium(III) dihydroxide ion(+1)	H2O2Tb+1		192.94014
MSEPUB	TBOH3	Terbium(III) hydroxide	H3O3Tb		209.94751
MSEPUB	TBOH4ION	Terbium(III) tetrahydroxide ion(-1)	H4O4Tb-1		226.95488
MSEPUB	TBOHION	Terbium(III) monohydroxide ion(+2)	HOTb+2		175.93277
MSEPUB	TBUTEN	trans-2-Butene	C4H8	624-64-6	56.108158
MSEPUB	TCEL	Technetium	Tc		98.906258
MSEPUB	TCIVO2	Technetium(IV) dioxide	O2Tc		130.90506
MSEPUB	TCIVO2.2H2O	Technetium(IV) dioxide dihydrate	H4O4Tc		166.93573
MSEPUB	TCIVOION	Oxytechnetium(IV) ion(+2)	OTc+2		114.905655
MSEPUB	TCIVOOH2	Oxytechnetium(IV) dihydroxide	H2O3Tc		148.920395
MSEPUB	TCIVOOH22	Oxytechnetium(IV) dihydroxide, dimer	H4O6Tc2		297.84079
MSEPUB	TCIVOOH3ION	Oxytechnetium(IV) trihydroxide ion(-1)	H3O4Tc-1		165.927765
MSEPUB	TCIVOOHION	Oxytechnetium(IV) monohydroxide ion(+1)	HO2Tc+1		131.913025
MSEPUB	TCVII2O7	Technetium heptoxide	O7Tc2		309.808319
MSEPUB	TCVIIO4ION	Pertechnetate(VII) ion	O4Tc-1		162.903854
MSEPUB	TEEL	Tellurium	Te	13494-80-9	127.599998

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	TEG	2,2'-Ethylenedioxydiethanol	C6H14O4	112-27-6	150.175781
MSEPUB	TEGCO2ION		C7H13O6-1		193.177704
MSEPUB	TEGHION	2,2-Ethylenedioxydiethanoloxonium ion	C6H15O4+1		151.183746
MSEPUB	TEGION	2,2-Ethylenedioxydiethanolate	C6H13O4-1		149.167816
MSEPUB	TEION	Telluride ion(-2)	Te-2		127.599998
MSEPUB	TEIVO3ION	Tellurate(IV) ion(-2)	O3Te-2		175.598206
MSEPUB	TEIVOH3ION	Tellurium(IV) trihydroxide ion(+1)	H3O3Te+1		178.622116
MSEPUB	TEO2	Tellurium(IV) oxide	O2Te	7446-07-3	159.598801
MSEPUB	TERPHTHAAC	Terephthalic acid	C8H6O4	100-21-0	166.134216
MSEPUB	TETRTRIACT	n-Tetracontane	C34H70	14167-59-0	478.935303
MSEPUB	TH2OH2ION	Dithorium(IV) dihydroxide ion(+6)	H2O2Th2+6		498.090942
MSEPUB	THEL	Thorium	Th	7440-29-1	232.038101
MSEPUB	THION	Thorium ion(+4)	Th+4		232.038101
MSEPUB	THO2	Thorium dioxide	O2Th	1314-20-1	264.036896
MSEPUB	THOH2ION	Thorium(IV) dihydroxide ion(+2)	H2O2Th+2		266.052826
MSEPUB	THOH3ION	Thorium(IV) trihydroxide ion(+1)	H3O3Th+1		283.060211
MSEPUB	THOH4	Thorium(IV) hydroxide	H4O4Th		300.067566
MSEPUB	THOHION	Thorium(IV) monohydroxide ion(+3)	HOTh+3		249.045471
MSEPUB	THS2	Thorium(IV) sulfide	S2Th		296.170105
MSEPUB	TI2O3	Titanium(III) oxide	O3Ti2		143.758194
MSEPUB	TIEL	Titanium	Ti	7440-32-6	47.880001
MSEPUB	TIIIIION	Titanium ion(+3)	Ti+3		47.880001
MSEPUB	TIIIIOH2ION	Titanium(III) dihydroxide ion(+1)	H2O2Ti+1		81.894737
MSEPUB	TIIIIOH3	Titanium(III) hydroxide	H3O3Ti		98.902107
MSEPUB	TIIIIOHION	Titanium(III) monohydroxide ion(+2)	HOTi+2		64.887367
MSEPUB	TIIVION	Titanium ion(+4)	Ti+4		47.880001
MSEPUB	TIIVOH2ION	Titanium(IV) dihydroxide ion(+2)	H2O2Ti+2		81.894737
MSEPUB	TIIVOH3ION	Titanium(IV) trihydroxide ion(+1)	H3O3Ti+1		98.902107
MSEPUB	TIIVOH4	Titanium(IV) hydroxide	H4O4Ti		115.909477
MSEPUB	TIIVOHION	Titanium(IV) monohydroxide ion(+3)	HOTi+3		64.887367
MSEPUB	TLEL	Thallium	Tl	7440-28-0	204.382996
MSEPUB	TLIIIION	Thallium ion(+3)	Tl+3		204.382996
MSEPUB	TLIIIOH3	Thallium(III) hydroxide	H3O3Tl		255.405106
MSEPUB	TLION	Thallium ion(+1)	Tl+1		204.382996
MSEPUB	TLOH	Thallium(I) hydroxide	HOTl		221.390366
MSEPUB	TM2O3	Thulium(III) oxide	O3Tm2	12036-44-1	385.866608
MSEPUB	TMEL	Thulium	Tm	7440-30-4	168.934204
MSEPUB	TMELLANHION	Anhydrotrimellitate ion	C9H3O5-1		191.120804
MSEPUB	TMELLANHYD	Trimellitic anhydride	C9H4O5	552-30-7	192.128784
MSEPUB	TMELLITAC	Trimellitic acid	C9H6O6	528-44-9	210.144119
MSEPUB	TMELLITION	Trimellitate ion	C9H3O6-3		207.120209
MSEPUB	TMION	Thulium ion(+3)	Tm+3		168.934204
MSEPUB	TMOH2ION	Thulium(III) dihydroxide ion(+1)	H2O2Tm+1		202.948944
MSEPUB	TMOH3	Thulium(III) hydroxide	H3O3Tm		219.956314
MSEPUB	TMOH4ION	Thulium(III) tetrahydroxide ion(-1)	H4O4Tm-1		236.963684
MSEPUB	TMOHION	Thulium(III) hydroxide ion(+2)	HOTm+2		185.941574
MSEPUB	TOLUENE	Toluene	C7H8	108-88-3	92.141457
MSEPUB	TPHTHTION	Terephthalic acid ion(-2)	C8H4O4-2		164.118286
MSEPUB	TRICONTAN	n-Tricontane	C30H62	638-68-6	422.827087
MSEPUB	TRICOSAN	n-Tricosane	C23H48	638-67-5	324.637787

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	TRIEAMINE	Triethylamine	C6H15N	121-44-8	101.192848
MSEPUB	TRIOCTYLAM	trioctylamine	C24H51N	1116-76-3	353.679565
MSEPUB	TTACONT	n-Tritriacontane	C33H68	630-05-7	464.908295
MSEPUB	TTCOSAN	n-Tetracosane	C24H50	646-31-1	338.664886
MSEPUB	UEL	Uranium	U	7440-61-1	238.026901
MSEPUB	UIIIION	Uranium ion(+3)	U+3		238.026901
MSEPUB	UIIIOH3	Uranium(III) hydroxide	H3O3U		289.049011
MSEPUB	UIVION	Uranium ion(+4)	U+4		238.026901
MSEPUB	UIVO2	Uranium(IV) oxide	O2U	1344-57-6	270.025696
MSEPUB	UIVOH2ION	Uranium(IV) dihydroxide ion(+2)	H2O2U+2		272.041626
MSEPUB	UIVOH3ION	Uranium(IV) trihydroxide ion(+1)	H3O3U+1		289.049011
MSEPUB	UIVOH4	Uranium(IV) hydroxide	H4O4U		306.056366
MSEPUB	UIVOH5ION	Uranium(IV) pentahydroxide ion(-1)	H5O5U-1		323.063751
MSEPUB	UIVOHION	Uranium(IV) monohydroxide ion(+3)	HOU+3		255.034271
MSEPUB	UO22OH2ION	Diuranyl(VI) dihydroxide ion(+2)	H2O6U2+2		574.066162
MSEPUB	UO22P2O7	Uranyl(VI) pyrophosphate	O11P2U2		713.99469
MSEPUB	UO23OH5ION	Triuranyl(VI) pentahydroxide ion(+1)	H5O11U3+1		895.113953
MSEPUB	UO2ION	Uranyl(VI) ion(+2)	O2U+2		270.025696
MSEPUB	UO2OH2	Uranyl(VI) hydroxide	H2O4U		304.040436
MSEPUB	UO2OHION	Uranyl(VI) monohydroxide ion(+1)	HO3U+1		287.033081
MSEPUB	UVO2ION	Uranyl(V) ion(+1)	O2U+1		270.025696
MSEPUB	UVO2OH	Uranyl(V) hydroxide	HO3U		287.033081
MSEPUB	V2O3	Vanadium(III) oxide	O3V2	1314-34-7	149.881195
MSEPUB	V2O4	Vanadium(IV) oxide	O4V2		165.8806
MSEPUB	V2O5	Vanadium(V) pentoxide	O5V2	1314-62-1	181.880005
MSEPUB	VEL	Vanadium	V	7440-62-2	50.941502
MSEPUB	VIIION	Vanadium ion(+3)	V+3		50.941502
MSEPUB	VIIIOH3	Vanadium(III) hydroxide	H3O3V		101.963608
MSEPUB	VIIIOHION	Vanadium(III) monohydroxide ion(+2)	HOV+2		67.948868
MSEPUB	VIIION	Vanadium ion(+2)	V+2		50.941502
MSEPUB	VO2ION	Vanadite ion(+1)	O2V+1		82.9403
MSEPUB	VO2OH	Vanadite(V) hydroxide	HO3V		99.94767
MSEPUB	VO4ION	Vanadate(V) ion(-3)	VO4-3		114.939102
MSEPUB	VOION	Vanadyl ion(+2)	OV+2		66.940903
MSEPUB	VOOH2	Vanadyl(IV) hydroxide	H2O3V		100.955643
MSEPUB	VOOH3	Vanadate(V) hydroxide	H3O4V		117.963013
MSEPUB	VOOHION	Vanadyl(IV) monohydroxide ion(+1)	HO2V+1		83.948273
MSEPUB	WEL	Tungsten	W	7440-33-7	183.850006
MSEPUB	WO2	tungsten dioxide	O2W	12036-22-5	215.848801
MSEPUB	WO3	Tungsten(VI) oxide	O3W	1314-35-8	231.848206
MSEPUB	WO4ION	Tungsten(VI) tetraoxide ion(-2)	O4W-2		247.847595
MSEPUB	XE	Xenon	Xe	7440-63-3	131.289993
MSEPUB	ZN2HCL5.2H2O	Zinc hydrogen chloride dihydrate	Cl5H5O2Zn2		345.083649
MSEPUB	ZNCL2	Zinc chloride	Cl2Zn	7646-85-7	136.296005
MSEPUB	ZNCL2.1.5H2O	Zinc chloride sesquihydrate	Cl2H3O1.5Zn		163.319016
MSEPUB	ZNCL2.1H2O	Zinc chloride monohydrate	Cl2H2OZn		154.311134
MSEPUB	ZNCL2.2.5H2O	Zinc chloride dihemihydrate	Cl2H5O2.5Zn		181.334351
MSEPUB	ZNCL2.3H2O	Zinc chloride trihydrate	Cl2H6O3Zn		190.342026
MSEPUB	ZNCL2.4H2O	Zinc chloride tetrahydrate	Cl2H8O4Zn		208.357361
MSEPUB	ZNCL3ION	Zinc trichloride ion(-1)	Cl3Zn-1		171.748993

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
MSEPUB	ZNCL4ION	Zinc tetrachloride ion(-2)	Cl4Zn-2		207.201996
MSEPUB	ZNCLION	Zinc chloride ion(+1)	ClZn+1		100.843002
MSEPUB	ZNCLO42	Zinc perchlorate	Cl2O8Zn		264.291199
MSEPUB	ZNEL	Zinc	Zn	7440-66-6	65.389999
MSEPUB	ZNION	Zinc ion(+2)	Zn+2		65.389999
MSEPUB	ZNNO32	Zinc nitrate	N2O6Zn	7779-88-6	189.399796
MSEPUB	ZNNO32.1H2O	Zinc nitrate monohydrate	H2N2O7Zn		207.415146
MSEPUB	ZNNO32.2H2O	Zinc nitrate dihydrate	H4N2O8Zn		225.430481
MSEPUB	ZNNO32.4H2O	Zinc nitrate tetrahydrate	H8N2O10Zn		261.461151
MSEPUB	ZNNO32.6H2O	Zinc nitrate hexahydrate	H12N2O12Zn		297.491852
MSEPUB	ZNNO32.9H2O	Zinc nitrate nonahydrate	H18N2O15Zn		351.537872
MSEPUB	ZNOH2	Zinc hydroxide, amorphous	H2O2Zn		99.404739
MSEPUB	ZNOH3ION	Zinc trihydroxide ion(-1)	H3O3Zn-1		116.412109
MSEPUB	ZNOH4ION	Zinc tetrahydroxide ion(-2)	H4O4Zn-2		133.419479
MSEPUB	ZNOHION	Zinc monohydroxide ion(+1)	HOZn+1		82.397369
MSEPUB	ZNPAA2KION	Zinc poly(acrylate ion)2000-1	C84H109O56Zn-1		2080.157471
MSEPUB	ZNS	Zinc sulfide (cubic)	SZn	1314-98-3	97.456001
MSEPUB	ZNSO4	Zinc sulfate	O4SZn	7733-02-0	161.453598
MSEPUB	ZNSO4.1H2O	Zinc sulfate monohydrate	H2O5SZn		179.468933
MSEPUB	ZNSO4.6H2O	Zinc sulfate hexahydrate	H12O10SZn		269.545654
MSEPUB	ZNSO4.7H2O	Zinc sulfate heptahydrate	H14O11SZn		287.560974
MSEPUB	ZREL	Zirconium	Zr	7440-67-7	91.223999
MSEPUB	ZRION	Zirconium(IV) ion	Zr+4		91.223999
MSEPUB	ZRO2	Zirconium oxide	O2Zr	1314-23-4	123.222801
MSEPUB	ZROH2ION	Zirconium dihydroxide ion(+2)	H2O2Zr+2		125.238739
MSEPUB	ZROH3ION	Zirconium trihydroxide ion(+1)	H3O3Zr+1		142.246109
MSEPUB	ZROH4	Zirconium hydroxide	H4O4Zr		159.253479
MSEPUB	ZROH5ION	zirconium pentahydroxide ion	H5O5Zr-1		176.260849
MSEPUB	ZROHION	Zirconium monohydroxide ion(+3)	HOZr+3		108.231369
MSEPUB	ZRS2	Zirconium sulfide	S2Zr		155.356003
PUBLIC-AE	ABIETICAC	Abietic acid	C20H30O2	514-10-3	302.4599
PUBLIC-AE	ACENAPHTHN	1,8-Ethylenenaphthalene	C12H10	83-32-9	154.212906
PUBLIC-AE	ACENITRILE	Acetonitrile	C2H3N	75-05-8	41.052811
PUBLIC-AE	ACET2	Acetic acid, dimer	C4H8O4		120.105759
PUBLIC-AE	ACETACID	Acetic acid	C2H4O2	64-19-7	60.052879
PUBLIC-AE	ACETAL	1,1-Diethoxyethane	C6H14O2	105-57-7	118.176979
PUBLIC-AE	ACETALDEHD	Acetic aldehyde	C2H4O	75-07-0	44.053478
PUBLIC-AE	ACETAMIDE	Ethanamide	C2H5NO	60-35-5	59.06815
PUBLIC-AE	ACETANHYD	Acetyl anhydride	C4H6O3	108-24-7	102.090424
PUBLIC-AE	ACETATEION	Acetate ion(-1)	C2H3O2-1		59.04491
PUBLIC-AE	ACETBR	Acetyl bromide	C2H3BrO	506-96-7	122.949509
PUBLIC-AE	ACETCL	Acetyl chloride	C2H3ClO	75-36-5	78.498512
PUBLIC-AE	ACETOION	Acetoin ion(-1)	C4H7O2-1		87.098991
PUBLIC-AE	ACETONE	Acetone	C3H6O	67-64-1	58.080521
PUBLIC-AE	ACETPHENON	1-Phenyl-1-ethanone	C8H8O	98-86-2	120.151962
PUBLIC-AE	ACETYLENE	Acetylene	C2H2	74-86-2	26.038139
PUBLIC-AE	ACRIDINE	2,3-Benzoquinoline	C13H9N	260-94-6	179.222733
PUBLIC-AE	ACROLEIN2	2-Propenal	C3H4O	107-02-8	56.064579
PUBLIC-AE	ACRYLAMIDE	2-Propenamide	C3H5NO	79-06-1	71.079247
PUBLIC-AE	ACRYLATEION	Acrylate ion(-1)	C3H3O2-1		71.056007

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ACRYLONTRL	2-Propenenitrile	C3H3N	107-13-1	53.063911
PUBLIC-AE	ACRYLYLCL	2-Propenyl chloride	C3H3ClO	814-68-6	90.509613
PUBLIC-AE	ADGLUC	alpha-D-Glucose	C6H12O6	26655-34-5	180.158646
PUBLIC-AE	ADGLUC.H2O	alpha-D-Glucose monohydrate	C6H14O7		198.173981
PUBLIC-AE	ADIPATION	Adipic acid ion(-2)	C6H8O4-2		144.12796
PUBLIC-AE	ADIPICACID	Adipic acid	C6H10O4	124-04-9	146.143906
PUBLIC-AE	AG2C2O4	Silver(I) oxalate	C2Ag2O4	533-51-7	303.756195
PUBLIC-AE	AG2CO3	Silver(I) carbonate	Ag2CO3	534-16-7	275.745697
PUBLIC-AE	AG2EDA2ION	Disilver diethylenediamine ion(+2)	C4H16Ag2N4+2		335.93512
PUBLIC-AE	AG3MOO4	Disilver molybdenum tetraoxide	Ag2MoO4		375.674011
PUBLIC-AE	AG2O	Silver(I) oxide	Ag2O	20667-12-3	231.735794
PUBLIC-AE	AG2S	Silver(I) sulfide	Ag2S	21548-73-2	247.802399
PUBLIC-AE	AG2SE	Silver(I) selenide	Ag2Se	1302-09-6	294.696411
PUBLIC-AE	AG2SEO3	Disilver selenium trioxide	Ag2O3Se	7784-05-6	342.694611
PUBLIC-AE	AG2SEO4	Disilver selenium tetraoxide	Ag2O4Se	7784-07-8	358.694
PUBLIC-AE	AG2SO4	Silver(I) sulfate	Ag2O4S	10294-26-5	311.799988
PUBLIC-AE	AG2WO4	Disilver tungsten tetraoxide	Ag2O4W		463.584015
PUBLIC-AE	AG3ASO4	Trisilver arsenium tetraoxide	Ag3AsO4		462.523804
PUBLIC-AE	AG3PO4	Silver(I) phosphate	Ag3O4P	7784-09-0	418.575958
PUBLIC-AE	AGACET	Silver(I) acetate	C2H3AgO2		166.913116
PUBLIC-AE	AGACET2ION	Silver diacetate ion(-1)	C4H6AgO4-1		225.958023
PUBLIC-AE	AGBR	Silver(I) bromide	AgBr	7785-23-1	187.772202
PUBLIC-AE	AGBR2ION	Silver dibromide ion(-1)	AgBr2-1		267.676208
PUBLIC-AE	AGBR3ION	Silver tribromide ion(-2)	AgBr3-2		347.5802
PUBLIC-AE	AGBR4ION	Silver tetrabromide ion(-3)	AgBr4-3		427.484192
PUBLIC-AE	AGC2O4ION	Silver oxalate ion(-1)	C2AgO4-1		195.888
PUBLIC-AE	AGCL	Silver chloride	AgCl	7783-90-6	143.321198
PUBLIC-AE	AGCL2ION	Silver dichloride ion(-1)	AgCl2-1		178.7742
PUBLIC-AE	AGCL3ION	Silver trichloride ion(-2)	AgCl3-2		214.227203
PUBLIC-AE	AGCL4ION	Silver tetrachloride ion(-3)	AgCl4-3		249.680206
PUBLIC-AE	AGCN	Silver cyanide	AgCN	506-64-9	133.886002
PUBLIC-AE	AGCN2ION	Silver dicyanide ion(-1)	AgC2N2-1		159.903793
PUBLIC-AE	AGCN3ION	Silver tricyanide ion(-2)	AgC3N3-2		185.9216
PUBLIC-AE	AGDEXH2ION	Silver di(N,N-diethanolamine) ion(+1)	C8H22AgN2O4+1		318.143341
PUBLIC-AE	AGDEXHION	Silver mono(N,N-diethanolamine) ion(+1)	C4H11AgNO2+1		213.005768
PUBLIC-AE	AGDTPAION	Silver DTPA ion(-4)	C14H18AgN3O10-4		496.181152
PUBLIC-AE	AGEDA2ION	Silver diethylenediamine ion(+1)	C4H16AgN4+1		228.066925
PUBLIC-AE	AGEDAION	Silver monoethylenediamine ion(+1)	C2H8AgN2+1		167.96756
PUBLIC-AE	AGEDTAION	Silver EDTA ion(-3)	C10H12AgN2O8-3		396.083435
PUBLIC-AE	AGEL	Silver	Ag	7440-22-4	107.868202
PUBLIC-AE	AGF	Silver(I) fluoride	AgF	7775-41-9	126.8666
PUBLIC-AE	AGF.2H2O	Silver(I) fluoride dihydrate	AgFH4O2		162.897278
PUBLIC-AE	AGF.4H2O	Silver(I) fluoride tetrahydrate	AgFH8O4		198.927963
PUBLIC-AE	AGGLYCOL	Silver glycolate	C2H3AgO3		182.912506
PUBLIC-AE	AGGLYCOL2ION	Silver diglycolate ion(-1)	C4H6AgO6-1		257.956818
PUBLIC-AE	AGH2NTA	Silver dihydrogen NTA	C6H8AgNO6		298.001648
PUBLIC-AE	AGH3EDTA	Silver trihydrogen EDTA	AgC10H15N2O8		399.107361
PUBLIC-AE	AGH4DTPA	Silver tetrahydrogen DTPA	C14H22AgN3O10		500.213043
PUBLIC-AE	AGHEDAION	Silver hydrogen ethylenediamine ion(+2)	C2H9AgN2+2		168.975525
PUBLIC-AE	AGHEDTAION	Silver hydrogen EDTA ion(-2)	C10H13AgN2O8-2		397.0914

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	AGI	Silver iodide	AgI	7783-96-2	234.773193
PUBLIC-AE	AGI2ION	Silver diiodide ion(-1)	AgI2-1		361.678192
PUBLIC-AE	AGI3ION	Silver triiodide ion(-2)	AgI3-2		488.583191
PUBLIC-AE	AGI4ION	Silver tetraiodide ion(-3)	AgI4-3		615.48822
PUBLIC-AE	AGION	Silver ion(+1)	Ag+1		107.868202
PUBLIC-AE	AGMEXH2ION	Silver di(2-aminoethanol) ion(+1)	C4H14AgN2O2+1		230.036377
PUBLIC-AE	AGMEXHION	Silver mono(2-aminoethanol) ion(+1)	C2H7AgNO+1		168.952286
PUBLIC-AE	AGNH32ION	Silver diammonia ion(+1)	AgH6N2+1		141.929413
PUBLIC-AE	AGNO2	Silver nitrite	AgNO2		153.873703
PUBLIC-AE	AGNO22ION	Silver dinitrite ion(-1)	AgN2O4-1		199.879196
PUBLIC-AE	AGNO3	Silver nitrate	AgNO3	7761-88-8	169.873093
PUBLIC-AE	AGNTAION	Silver NTA ion(-2)	C6H6AgNO6-2		295.985718
PUBLIC-AE	AGOH	Silver hydroxide	AgHO		124.875572
PUBLIC-AE	AGOH2ION	Silver dihydroxide ion(-1)	AgH2O2-1		141.882935
PUBLIC-AE	AGSCN	Silver thiocyanate	AgCNS		165.951996
PUBLIC-AE	AGSCN2ION	Silver dithiocyanate ion(-1)	AgC2N2S2-1		224.035797
PUBLIC-AE	AGSCN3ION	Silver trithiocyanate ion(-2)	AgC3N3S3-2		282.119598
PUBLIC-AE	AGSCN4ION	Silver tetrathiocyanate ion(-3)	AgC4N4S4-3		340.2034
PUBLIC-AE	AGSO4ION	Silver sulfate ion(-1)	AgO4S-1		203.931793
PUBLIC-AE	AGTEXH2ION	Silver di(triethanolamine) ion(+1)	C12H30AgN2O6+1		406.250305
PUBLIC-AE	AGTEXHION	Silver monotriethanolamine ion(+1)	C6H15AgNO3+1		257.059265
PUBLIC-AE	AL2CO3	Aluminum carbonate	Al2C3O9		233.990982
PUBLIC-AE	AL2O5H5CL	Dialuminum chloride pentahydroxide	Al2ClH5O5		174.452927
PUBLIC-AE	AL2S3	Aluminum sulfide	Al2S3	1302-81-4	150.161087
PUBLIC-AE	AL2SO43	Aluminum sulfate	Al2O12S3	10043-01-3	342.15387
PUBLIC-AE	AL2SO43.16H2O	Aluminum sulfate hexadecahydrate	Al2H32O28S3		630.399292
PUBLIC-AE	AL2SO43.6H2O	Aluminum sulfate hexahydrate	Al2H12O18S3		450.245911
PUBLIC-AE	ALACET2ION	Aluminum diacetate ion(+1)	C4H6AlO4+1		145.071365
PUBLIC-AE	ALACET3	Aluminum acetate	C6H9AlO6		204.116272
PUBLIC-AE	ALACETION	Aluminum monoacetate ion(+2)	C2H3AlO2+2		86.026451
PUBLIC-AE	ALBR3	Aluminum bromide	AlBr3	7727-15-3	266.693542
PUBLIC-AE	ALCHLORDAN	alpha-Chlordane	C10H6Cl8	5103-71-9	409.782806
PUBLIC-AE	ALCL3	Aluminum chloride	AlCl3	7446-70-0	133.340546
PUBLIC-AE	ALCL3.6H2O	Aluminum chloride hexahydrate	AlCl3H12O6	7784-13-6	241.432587
PUBLIC-AE	ALCLO43	Aluminum perchlorate	AlCl3O12		325.333344
PUBLIC-AE	ALCUMYLPHL	p-alpha-Cumylphenol	C15H16O	22239-54-9	212.293427
PUBLIC-AE	ALDRINE	Aldrin	C12H8Cl6	309-00-2	364.914948
PUBLIC-AE	ALDTPAION	Aluminum DTPA ion(-2)	C14H18AlN3O10-2		415.294495
PUBLIC-AE	ALEDTAION	Aluminum EDTA ion(-1)	C10H12AlN2O8-1		315.196777
PUBLIC-AE	ALEL	Aluminum	Al	7429-90-5	26.981541
PUBLIC-AE	ALF2ION	Aluminum difluoride ion(+1)	AlF2+1		64.978348
PUBLIC-AE	ALF3	Aluminum fluoride	AlF3	7784-18-1	83.976746
PUBLIC-AE	ALF3.3H2O	Aluminum fluoride trihydrate	AlF3H6O3	15098-87-0	138.022766
PUBLIC-AE	ALF4ION	Aluminum tetrafluoride ion(-1)	AlF4-1		102.975151
PUBLIC-AE	ALF5ION	Aluminum pentafluoride ion(-2)	AlF5-2		121.973557
PUBLIC-AE	ALF6ION	Aluminum hexafluoride ion(-3)	AlF6-3		140.971954
PUBLIC-AE	ALFION	Aluminum monofluoride ion(+2)	AlF+2		45.979942
PUBLIC-AE	ALH2DTPA	Aluminum dihydrogen DTPA	C14H20AlN3O10		417.310425
PUBLIC-AE	ALHDTPAION	Aluminum hydrogen DTPA ion(-1)	C14H19AlN3O10-1		416.30246
PUBLIC-AE	ALHEDTA	Aluminum hydrogen EDTA	C10H13AlN2O8		316.204742

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ALI3	Aluminum iodide	AlI3		407.696533
PUBLIC-AE	ALION	Aluminum ion(+3)	Al+3		26.981541
PUBLIC-AE	ALLENE	1,2-Propadiene	C3H4	463-49-0	40.065182
PUBLIC-AE	ALLYLACET	3-Acetoxypropene	C5H8O2	591-87-7	100.118057
PUBLIC-AE	ALLYLANISL	1-Methoxy-4-(2-propenyl)benzene	C10H12O	140-67-0	148.206039
PUBLIC-AE	ALLYLBNZ	2-Propenylbenzene	C9H10	300-57-2	118.179604
PUBLIC-AE	ALLYLCL	1-Chloro-2-propene	C3H5Cl	107-05-1	76.526154
PUBLIC-AE	ALLYMEACRT	Allyl methacrylate	C7H10O2	96-05-9	126.156197
PUBLIC-AE	ALMANDINE	Almandine	Al2Fe3O12Si3		497.753387
PUBLIC-AE	ALMESTYREN	2-Phenyl-1-propene	C9H10	98-83-9	118.179604
PUBLIC-AE	ALNO23	Aluminum nitrite	AlN3O6		164.998047
PUBLIC-AE	ALNO33	Aluminum nitrate	AlN3O9		212.996246
PUBLIC-AE	ALNO33.6H2O	Aluminum nitrate hexahydrate	AlH12N3O15		321.088287
PUBLIC-AE	ALNO33.8H2O	Aluminum nitrate octahydrate	AlH16N3O17		357.118958
PUBLIC-AE	ALNO33.9H2O	Aluminum nitrate nonahydrate	AlH18N3O18	7784-27-2	375.134308
PUBLIC-AE	ALO2H2CL	Aluminum chloride dihydroxide	AlH2O2Cl		96.44928
PUBLIC-AE	ALOH2ION	Aluminum dihydroxide ion(+1)	AlH2O2+1		60.996281
PUBLIC-AE	ALOH3	Aluminum hydroxide	AlH3O3	21645-51-2	78.003647
PUBLIC-AE	ALOH4ION	Aluminum tetrahydroxide ion(-1)	AlH4O4-1		95.011017
PUBLIC-AE	ALOHCL2	Aluminum dichloride hydroxide	AlCl2HO		114.894913
PUBLIC-AE	ALOHCLION	Aluminum chloride hydroxide ion(+1)	AlClHO+1		79.44191
PUBLIC-AE	ALOHION	Aluminum monohydroxide ion(+2)	AlHO+2		43.988911
PUBLIC-AE	ALOOH	Aluminum oxide hydroxide (boehmite)	AlHO2		59.988312
PUBLIC-AE	ALPHABHC	alpha-1,2,3,4,5,6-Hexachlorocyclohexane	C6H6Cl6	319-84-6	290.832428
PUBLIC-AE	ALPHELLAND	4-Isopropyl-1-methyl-1,5-cyclohexadiene	C10H16	99-83-2	136.238525
PUBLIC-AE	ALPO4	Aluminum phosphate	AlO4P	7784-30-7	121.952904
PUBLIC-AE	ALSO42ION	Aluminum disulfate ion(-1)	AlO8S2-1		219.108734
PUBLIC-AE	ALSO4ION	Aluminum monosulfate ion(+1)	AlO4S+1		123.045143
PUBLIC-AE	ALTEROL	alpha-Terpineol	C10H18O	98-55-5	154.25386
PUBLIC-AE	ALTERPINEN	alpha-Terpinene	C10H16	99-86-5	136.238525
PUBLIC-AE	ALYLALCHOL	2-Propen-1-ol	C3H6O	107-18-6	58.080521
PUBLIC-AE	AM2BNZATION	2-Aminobenzoic acid ion(-1)	C7H6NO2-1		136.131027
PUBLIC-AE	AM2CO33	Americium(III) carbonate	Am2C3O9		666.027893
PUBLIC-AE	AM4BUTNICD	4-Aminobutanoic acid	C4H9NO2	56-12-2	103.121628
PUBLIC-AE	AM4BUTNION	4-Aminobutanoic acid ion(-1)	C4H8NO2-1		102.113663
PUBLIC-AE	AM4NBR	Tetrapentylammonium bromide	C20H44BrN		378.483368
PUBLIC-AE	AM4NCL	Tetrapentylammonium chloride	C20H44ClN		334.032379
PUBLIC-AE	AM4NI	Tetrapentylammonium iodide	C20H44IN		425.484375
PUBLIC-AE	AM4NION	Tetraamylammonium ion	C20H44N+1		298.579376
PUBLIC-AE	AMCAPRACD	6-Aminohexanoic acid	C6H13NO2	60-32-2	131.175705
PUBLIC-AE	AMCAPRION	6-Aminohexanoic acid ion(-1)	C6H12NO2-1		130.16774
PUBLIC-AE	AMCO32ION	Americium(III) dicarbonate ion(-1)	AmC2O6-1		363.018585
PUBLIC-AE	AMCO3ION	Americium(III) monocarbonate ion(+1)	AmCO3+1		303.009308
PUBLIC-AE	AMCTRT	Americium(III) citrate	C6H5AmO7		432.102264
PUBLIC-AE	AMCTRT2ION	Americium(III) dicitrate ion(-3)	C12H10AmO14-3		621.204529
PUBLIC-AE	AMDTPAION	Americium(III) DTPA ion(-2)	C14H18AmN3O10-2		631.312988
PUBLIC-AE	AMEDTAION	Americium(III) EDTA ion(-1)	C10H12AmN2O8-1		531.21521
PUBLIC-AE	AMESITE14A	Tetramagnesium tetraaluminum disilicon decaoxide octahydroxide	Al4H8Mg4O18Si2		557.370117
PUBLIC-AE	AMESITE7A	Dimagnesium dialuminum silicon pentaoxide tetrahydroxide	Al2H4Mg2O9Si		278.685059
PUBLIC-AE	AMH2DTPA	Americium(III) dihydrogen DTPA	C14H20AmN3O10		633.328918

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	AMHCO32ION	Americium(III) di(bicarbonate) ion(+1)	AmC2H2O6+1		365.034546
PUBLIC-AE	AMHCO3ION	Americium(III) bicarbonate ion(+2)	AmCHO3+2		304.017273
PUBLIC-AE	AMIII2C2O43	Americium(III) oxalate	C6Am2O12		750.059387
PUBLIC-AE	AMIIIBR3	Americium(III) bromide	AmBr3		482.712006
PUBLIC-AE	AMIIIC2O42ION	Americium(III) dioxalate ion(-1)	C4AmO8-1		419.039612
PUBLIC-AE	AMIIIC2O43ION	Americium(III) trioxalate ion(-3)	C6AmO12-3		507.059387
PUBLIC-AE	AMIIIC2O4ION	Americium(III) monooxalate ion(+1)	C2AmO4+1		331.019806
PUBLIC-AE	AMIIICL2ION	Americium(III) dichloride ion(+1)	AmCl2+1		313.906006
PUBLIC-AE	AMIIICL3	Americium(III) chloride	AmCl3		349.359009
PUBLIC-AE	AMIIICLION	Americium(III) monochloride ion(+2)	AmCl+2		278.453003
PUBLIC-AE	AMIIIF2ION	Americium(III) difluoride ion(+1)	AmF2+1		280.996796
PUBLIC-AE	AMIIIF3	Americium(III) fluoride	AmF3		299.995209
PUBLIC-AE	AMIIIFION	Americium(III) monofluoride ion(+2)	AmF+2		261.998413
PUBLIC-AE	AMIIIGLYCO2ION	Americium(III) diglycolate ion(+1)	C4H6AmO6+1		393.088623
PUBLIC-AE	AMIIIGLYCO3	Americium(III) glycolate	C6H9AmO9		468.132935
PUBLIC-AE	AMIIIGLYCOION	Americium(III) monoglycolate ion(+2)	C2H3AmO3+2		318.044312
PUBLIC-AE	AMIIIHEDTA	Americium(III) hydrogen EDTA	C10H13AmN2O8		532.223206
PUBLIC-AE	AMIIII3	Americium(III) iodide	AmI3		623.715027
PUBLIC-AE	AMIIIIION	Americium(III) ion(+3)	Am+3		243
PUBLIC-AE	AMIIIOH2ION	Americium(III) dihydroxide ion(+1)	AmH2O2+1		277.01474
PUBLIC-AE	AMIIIOH3	Americium(III) hydroxide	AmH3O3		294.022125
PUBLIC-AE	AMIIIOHION	Americium(III) monohydroxide ion(2)	AmHO+2		260.007385
PUBLIC-AE	AMIIISO42ION	Americium(III) disulfate ion(-1)	AmO8S2-1		435.127197
PUBLIC-AE	AMIIISO4ION	Americium(III) monosulfate ion(+1)	AmO4S+1		339.063599
PUBLIC-AE	AMIVF4	Americium(IV) fluoride	AmF4		318.993622
PUBLIC-AE	AMIVION	Americium ion(+4)	Am+4		243
PUBLIC-AE	AMIVOH4	Americium(IV) hydroxide	AmH4O4		311.02948
PUBLIC-AE	AMNO32ION	Americium(III) dinitrate ion(+1)	AmN2O6+1		367.009796
PUBLIC-AE	AMNO33	Americium(III) nitrate	AmN3O9		429.014709
PUBLIC-AE	AMNO3ION	Americium(III) mononitrate ion(+2)	AmNO3+2		305.004913
PUBLIC-AE	AMNTA	Americium(III) NTA	C6H6AmNO6		431.117523
PUBLIC-AE	AMNTA2ION	Americium(III) di-NTA ion(-3)	C12H12AmN2O12-3		619.235046
PUBLIC-AE	AMO2ION	Dioxyamericium(VI) ion(+2)	AmO2+2		274.99881
PUBLIC-AE	AMO2OH2	Americium dioxide dihydroxide	AmH2O4		309.01355
PUBLIC-AE	AMVO2ION	Dioxyamericium(V) ion(+1)	AmO2+1		274.99881
PUBLIC-AE	AMVO2OH	Americium dioxide hydroxide	AmHO3		292.006165
PUBLIC-AE	ANAPHLEN	Acenaphthalene	C12H8	208-96-8	152.19696
PUBLIC-AE	ANATASE	Titanium(IV) oxide (anatase)	O2Ti		79.878799
PUBLIC-AE	ANETHOLE	Anethole	C10H12O	104-46-1	148.206039
PUBLIC-AE	ANISOLE	Methoxybenzene	C7H8O	100-66-3	108.140862
PUBLIC-AE	ANTHRACEN	Anthracene	C14H10	120-12-7	178.235107
PUBLIC-AE	ANTHRAQUI	Anthraquinone	C14H8O2	84-65-1	208.217957
PUBLIC-AE	AR	Argon	Ar	7440-37-1	39.948002
PUBLIC-AE	ARSEL	Arsenic	As	7440-38-2	74.9216
PUBLIC-AE	ARSO2ION	Arsenic(III) dioxide ion(-1)	AsO2-1		106.920403
PUBLIC-AE	ARSO3ION	Arsenic(III) trioxide ion(-3)	AsO3-3		122.9198
PUBLIC-AE	ARSO4ION	Arsenic(III) tetraoxide ion(-3)	AsO4-3		138.919205
PUBLIC-AE	ARSOION	Arsenic(III) monooxide ion(+1)	AsO+1		90.920998
PUBLIC-AE	AS2O3	Arsenic(III) oxide	As2O3	1327-53-3	197.8414
PUBLIC-AE	AS2O5	Arsenic(V) oxide	As2O5	1303-28-2	229.840195

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	AS2O5.1.7H2O	Arsenic(V) oxide 1.7-hydroxide	As ₂ H ₃ .4O ₆ .7		260.466278
PUBLIC-AE	AS2O5.4H2O	Arsenic(V) oxide tetrahydrate	As ₂ H ₈ O ₉		301.90155
PUBLIC-AE	AS2S3	Arsenic(III) sulfide	As ₂ S ₃	1303-33-9	246.041199
PUBLIC-AE	AS2S4ION	Diarsenic(III) tetrasulfide ion(-2)	As ₂ S ₄ -2		278.107208
PUBLIC-AE	AS2S5	Arsenic(V) sulfide	As ₂ S ₅		310.173187
PUBLIC-AE	ASH3	Arsenic trihydride	AsH ₃	7784-42-1	77.945511
PUBLIC-AE	ASOH2CL3	Arsenic dihydroxide trichloride	AsCl ₃ H ₂ O ₂		215.295334
PUBLIC-AE	AUEL	Gold	Au	7440-57-5	196.966507
PUBLIC-AE	AZELAICAC	Azelaic acid	C ₉ H ₁₆ O ₄	123-99-9	188.225021
PUBLIC-AE	AZELATION	Azelate ion(-2)	C ₉ H ₁₄ O ₄ -2		186.209076
PUBLIC-AE	B2OOH5ION	Diboron oxide pentahydroxide ion(-1)	B ₂ H ₅ O ₆ -1		122.656311
PUBLIC-AE	B2S3	Diboron trisulfide	B ₂ S ₃		117.818062
PUBLIC-AE	B3O3OH4ION	Triboron trioxide tetrahydroxide ion(-1)	B ₃ H ₄ O ₇ -1	17927-68-3	148.457764
PUBLIC-AE	B4O5OH4ION	Tetraboron pentaoxide tetrahydroxide ion(-2)	B ₄ H ₄ O ₉ -2	12344-83-1	191.266602
PUBLIC-AE	BA3PO42	Barium phosphate(V)	Ba ₃ O ₈ P ₂	13517-08-3	601.932739
PUBLIC-AE	BAAC2	Barium acetate	C ₄ H ₆ BaO ₄		255.419815
PUBLIC-AE	BAAC2.2H2O	Barium acetate dihydrate	C ₄ H ₁₀ BaO ₆		291.4505
PUBLIC-AE	BAAC2.3H2O	Barium acetate trihydrate	C ₄ H ₁₂ BaO ₇		309.465851
PUBLIC-AE	BAACETION	Barium monoacetate ion(+1)	C ₂ H ₃ BaO ₂ +1		196.374908
PUBLIC-AE	BAALAN2	Barium di-(L-alpha-alanine)	C ₆ H ₁₂ BaN ₂ O ₄		313.503235
PUBLIC-AE	BAALANION	Barium mono-(L-alpha-alanine) ion(+1)	C ₃ H ₆ BaN ₂ O ₂ +1		225.416626
PUBLIC-AE	BABR2	Barium bromide	BaBr ₂	10553-31-8	297.138
PUBLIC-AE	BABR2.1H2O	Barium bromide monohydrate	BaBr ₂ H ₂ O		315.153351
PUBLIC-AE	BABR2.2H2O	Barium bromide dihydrate	BaBr ₂ H ₄ O ₂		333.168671
PUBLIC-AE	BACL2	Barium chloride	BaCl ₂	10361-37-2	208.235992
PUBLIC-AE	BACL2.1H2O	Barium chloride monohydrate	BaCl ₂ H ₂ O	22322-71-0	226.251343
PUBLIC-AE	BACL2.2H2O	Barium chloride dihydrate	BaCl ₂ H ₄ O ₂	10326-27-9	244.266678
PUBLIC-AE	BACLION	Barium chloride ion (+1)	BaCl+1		172.783005
PUBLIC-AE	BACN2	Barium cyanide	C ₂ BaN ₂	542-62-1	189.365601
PUBLIC-AE	BACN2.1H2O	Barium cyanide monohydrate	BaC ₂ H ₂ N ₂ O		207.380936
PUBLIC-AE	BACN2.2H2O	Barium cyanide dihydrate	BaC ₂ H ₄ N ₂ O ₂		225.396286
PUBLIC-AE	BACO3	Barium carbonate	BaCO ₃	513-77-9	197.339294
PUBLIC-AE	BACOOH2	Barium formate	C ₂ H ₂ BaO ₄		227.365738
PUBLIC-AE	BACOOHION	Barium monoformate ion(+1)	CHBaO ₂ +1		182.34787
PUBLIC-AE	BACRO4	Barium chromate(VI)	BaCrO ₄	10294-40-3	253.323593
PUBLIC-AE	BACTRTION	Barium citrate ion(-1)	C ₆ H ₅ BaO ₇ -1		326.432251
PUBLIC-AE	BADTPAION	Barium DTPA ion(-3)	C ₁₄ H ₁₈ BaN ₃ O ₁₀ -3		525.642944
PUBLIC-AE	BAEDTAION	Barium EDTA ion(-2)	C ₁₀ H ₁₂ BaN ₂ O ₈ -2		425.545227
PUBLIC-AE	BAEL	Barium	Ba	7440-39-3	137.330002
PUBLIC-AE	BAF2	Barium fluoride	BaF ₂	7787-32-8	175.326813
PUBLIC-AE	BAFION	Barium monofluoride ion(+1)	BaF+1		156.3284
PUBLIC-AE	BAGLYCIN2	Barium diglycine	C ₄ H ₈ BaN ₂ O ₄		285.449158
PUBLIC-AE	BAGLYCINION	Barium monoglycine ion(+1)	C ₂ H ₄ BaN ₂ O ₂ +1		211.389587
PUBLIC-AE	BAGLYCOL2	Barium glycolate	C ₄ H ₆ BaO ₆		287.41861
PUBLIC-AE	BAGLYCOLION	Barium monoglycolate ion(+1)	C ₂ H ₃ BaO ₃ +1		212.374313
PUBLIC-AE	BAH2CTRITION	Barium dihydrogen citrate ion(+1)	C ₆ H ₇ BaO ₇ +1		328.448181
PUBLIC-AE	BAH2EDTA	Barium dihydrogen EDTA	BaC ₁₀ H ₁₄ N ₂ O ₈		427.561188
PUBLIC-AE	BAH2PO42	Barium dihydrogen orthophosphate	BaH ₄ O ₈ P ₂		331.304596
PUBLIC-AE	BAH2PO42TR	Barium dihydrogen orthophosphate triclinic	BaH ₄ O ₈ P ₂		331.304596
PUBLIC-AE	BAH3DTPA	Barium trihydrogen DTPA	C ₁₄ H ₂₁ BaN ₃ O ₁₀		528.66687

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	BAHCO32	Barium bicarbonate	BaC2H2O6		259.364532
PUBLIC-AE	BAHCO3ION	Barium bicarbonate ion(+1)	BaHCO3+1		198.347275
PUBLIC-AE	BAHCTRT	Barium hydrogen citrate	C6H6BaO7		327.440216
PUBLIC-AE	BAHDTPAION	Barium hydrogen DTPA ion(-2)	C14H19BaN3O10-2		526.65094
PUBLIC-AE	BAHEDTAION	Barium hydrogen EDTA ion(-1)	C10H13BaN2O8-1		426.553223
PUBLIC-AE	BAHNNTA	Barium hydrogen NTA	C6H7BaNO6		326.455475
PUBLIC-AE	BAHPO4	Barium hydrogen orthophosphate	BaHO4P	10048-98-3	233.309326
PUBLIC-AE	BAHS2	Barium bisulfide	BaH2S2		203.477936
PUBLIC-AE	BAHSO32	Barium bisulfite	BaH2O6S2		299.474335
PUBLIC-AE	BAHSO42	Barium bisulfate	BaH2O8S2		331.473145
PUBLIC-AE	BAHTARTRTION	Barium hydrogen tartrate ion(+1)	C4H5BaO6+1		286.410645
PUBLIC-AE	BAI2	Barium iodide	BaI2	13718-50-8	391.140015
PUBLIC-AE	BAI2.1H2O	Barium iodide monohydrate	BaH2I2O		409.155334
PUBLIC-AE	BAI2.2H2O	Barium iodide dihydrate	BaH4I2O2		427.170685
PUBLIC-AE	BAI2.7.5H2O	Barium iodide 7.5 hydrate	BaH15I2O7.5		526.255066
PUBLIC-AE	BAION	Barium ion(+2)	Ba+2		137.330002
PUBLIC-AE	BALANINE	beta-Alanine	C3H7NO2	107-95-9	89.094589
PUBLIC-AE	BALANNION	beta-Alanine ion(-1)	C3H6NO2-1		88.086617
PUBLIC-AE	BAMOO4	Barium molybdate(VI)	BaMoO4	7787-37-3	297.267609
PUBLIC-AE	BANH2CO22	Barium dicarbamate	BaC2H4N2O4		257.395081
PUBLIC-AE	BANO22	Barium nitrite	BaN2O4	13465-94-6	229.341003
PUBLIC-AE	BANO22.1H2O	Barium nitrite monohydrate	BaH2N2O5	7787-38-4	247.356339
PUBLIC-AE	BANO32	Barium nitrate	BaN2O6	10022-31-8	261.339813
PUBLIC-AE	BANTAION	Barium NTA ion(-1)	C6H6BaNO6-1		325.44751
PUBLIC-AE	BAOH2	Barium hydroxide	BaH2O2	17194-00-2	171.344742
PUBLIC-AE	BAOH2.8H2O	Barium hydroxide octahydrate	BaH18O10	12230-71-6	315.467468
PUBLIC-AE	BAOHCL	Barium hydroxide chloride	BaClHO		189.790375
PUBLIC-AE	BAOHHCO3	Barium hydroxide bicarbonate	BaCH2O4		215.354645
PUBLIC-AE	BAOHION	Barium hydroxide ion(+1)	BaHO+1		154.337372
PUBLIC-AE	BAOX	Barium oxalate	C2BaO4	516-02-9	225.349792
PUBLIC-AE	BAOX.0.5H2O	Barium oxalate hemihydrate	C2HBaO4.5		234.357468
PUBLIC-AE	BAOX.2H2O	Barium oxalate dihydrate	C2H4BaO6		261.380493
PUBLIC-AE	BAOX.3.5H2O	Barium oxalate 3.5 hydrate	C2H7BaO7.5		288.403503
PUBLIC-AE	BAS	Barium sulfide	BaS	21109-95-5	169.395996
PUBLIC-AE	BASE	Barium selenide	BaSe	1304-40-1	216.289993
PUBLIC-AE	BASEO4	Barium selenate	BaO4Se		280.287598
PUBLIC-AE	BASO3	Barium sulfite	BaO3S	7787-39-5	217.394196
PUBLIC-AE	BASO4	Barium sulfate	BaO4S	7727-43-7	233.3936
PUBLIC-AE	BATARTRT	Barium tartrate	C4H4BaO6		285.402679
PUBLIC-AE	BAWO4	Barium tungstate(VI)	BaO4W		385.177612
PUBLIC-AE	BCHXYL	Bicyclohexyl	C12H22	92-51-3	166.308533
PUBLIC-AE	BDFRUC	beta-D-Fructose	C6H12O6	53188-23-1	180.158646
PUBLIC-AE	BDGLUC	beta-D-Glucose	C6H12O6	28905-12-6	180.158646
PUBLIC-AE	BEEL	Beryllium	Be	7440-41-7	9.012182
PUBLIC-AE	BEHXLADIP	Di(2-ethylhexyl) adipate	C22H42O4	103-23-1	370.576538
PUBLIC-AE	BEION	Beryllium ion (+2)	Be+2		9.012182
PUBLIC-AE	BEL	Boron	B	7440-42-8	10.81003
PUBLIC-AE	BENDRKET	Endrin ketone	C12H8Cl6O	53494-70-5	380.914368
PUBLIC-AE	BENZENE	Benzene	C6H6	71-43-2	78.114418
PUBLIC-AE	BENZOATION	Benzoic acid ion(-1)	C7H5O2-1		121.116348

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	BENZYLCL	Benzyl chloride	C7H7Cl	100-44-7	126.586487
PUBLIC-AE	BEO2ION	Beryllate ion (-2)	BeO2-2		41.010983
PUBLIC-AE	BEOH2	Beryllium hydroxide	BeH2O2		43.02692
PUBLIC-AE	BEPHELLAND	beta-Phellandrene	C10H16	555-10-2	136.238525
PUBLIC-AE	BETABHC	beta-1,2,3,4,5,6-Hexachlorocyclohexane	C6H6Cl6	319-85-7	290.832428
PUBLIC-AE	BETHXPHTH2	2-Ethylhexyl phthalate	C24H38O4	117-81-7	390.566864
PUBLIC-AE	BF2OH2ION	Boron dihydroxydifluoride ion(-1)	BF2H2O2-1		82.821579
PUBLIC-AE	BF3OHION	Boron hydroxytrifluoride ion(-1)	BF3HO-1		84.812607
PUBLIC-AE	BF4ION	Boron tetrafluoride ion(-1)	BF4-1		86.803642
PUBLIC-AE	BFOH3ION	Boron trihydroxyfluoride ion(-1)	BFH3O3-1		80.830544
PUBLIC-AE	BH4ION	Borohydride ion(-1)	H4B-1		14.84191
PUBLIC-AE	BI12P2O23	Dodecabisbismuth diphosphate	Bi12O23P2		2937.698486
PUBLIC-AE	BI23P4O44	Tricosabisbismuth tetraphosphate	Bi23O44.5P4		5642.41748
PUBLIC-AE	BI2P4O13	Bismuth (III) tetrapoliphosphate	Bi2O13P4		749.848022
PUBLIC-AE	BI2PO4OOH	Dibismuth phosphorous hydroxy pentaoxide	Bi2HO6P		545.938904
PUBLIC-AE	BI2S3	Bismuth(III) sulfide	Bi2S3	1345-07-9	514.158813
PUBLIC-AE	BI2SE3	Bismuth(III) selenide	Bi2Se3	12068-69-8	654.84082
PUBLIC-AE	BI2SO43	Bismuth(III) sulfate	Bi2O12S3		706.151611
PUBLIC-AE	BI3PO7	Tribismuth phosphate	Bi3O7P		769.910767
PUBLIC-AE	BI4P2O11	Tetrabisbismuth biphosphate	Bi4O11P2		1073.862549
PUBLIC-AE	BI5PO10	Pentabisbismuth phosphate	Bi5O10P		1235.869751
PUBLIC-AE	BI7PO13	Heptabisbismuth phosphate	Bi7O13P		1701.828735
PUBLIC-AE	BIACET2ION	Bismuth(III) diacetate ion(+1)	C4H6BiO4+1		327.070221
PUBLIC-AE	BIACET3	Bismuth(III) triacetate	C6H9BiO6		386.115143
PUBLIC-AE	BIACETION	Bismuth(III) monoacetate ion(+2)	C2H3BiO2+2		268.025299
PUBLIC-AE	BIBR2ION	Bismuth(III) dibromide ion(+1)	BiBr2+1		368.788391
PUBLIC-AE	BIBR3	Bismuth(III) bromide	BiBr3	7787-58-8	448.692413
PUBLIC-AE	BIBR4ION	Bismuth(III) tetrabromide ion(-1)	BiBr4-1		528.596375
PUBLIC-AE	BIBRION	Bismuth(III) monobromide ion(+2)	BiBr+2		288.884399
PUBLIC-AE	BICINEION	Bicine ion(-3)	C6H10NO4-3		160.150604
PUBLIC-AE	BICL2ION	Bismuth(III) dichloride ion(+1)	BiCl2+1		279.886414
PUBLIC-AE	BICL3	Bismuth(III) chloride	BiCl3	7787-60-2	315.339386
PUBLIC-AE	BICL4ION	Bismuth(III) tetrachloride ion(-1)	BiCl4-1		350.792389
PUBLIC-AE	BICLETOXME	bis(2-Chloroethoxy)methane	C5H10Cl2O2	111-91-1	173.039993
PUBLIC-AE	BICLION	Bismuth(III) monochloride ion(+2)	BiCl+2		244.433395
PUBLIC-AE	BIEDTAION	Bismuth(III) EDTA ion(-1)	C10H12BiN2O8-1		497.195648
PUBLIC-AE	BIEL	Bismuth	Bi	7440-69-9	208.980392
PUBLIC-AE	BIF3	Bismuth(III) fluoride	BiF3	7787-61-3	265.975616
PUBLIC-AE	BIHEDTA	Bismuth(III) hydrogen EDTA	C10H13BiN2O8		498.203613
PUBLIC-AE	BIHPO34	Bismuth hydrogen tetraphosphate	HBiO12P4		525.876221
PUBLIC-AE	BII3	Bismuth(III) iodide	BiI3	7787-64-6	589.695374
PUBLIC-AE	BIION	Bismuth ion(+3)	Bi+3		208.980392
PUBLIC-AE	BINO32ION	Bismuth(III) dinitrate ion(+1)	BiN2O6+1		332.990204
PUBLIC-AE	BINO33	Bismuth(III) nitrate	BiN3O9		394.995087
PUBLIC-AE	BINO3ION	Bismuth(III) mononitrate ion(+2)	BiNO3+2		270.985291
PUBLIC-AE	BIOH2ION	Bismuth(III) dihydroxide ion(+1)	BiH2O2+1		242.995132
PUBLIC-AE	BIOH3	Bismuth(III) hydroxide	BiH3O3	10361-43-0	260.002502
PUBLIC-AE	BIOH4ION	Bismuth(III) tetrahydroxide ion(-1)	BiH4O4-1		277.009888
PUBLIC-AE	BIOHION	Bismuth(III) monohydroxide ion(+2)	BiHO+2		225.987762
PUBLIC-AE	BIP5O14	Bismuth pentaphosphate	BiO14P5		587.84082

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	BIPHENYL	1,1'-Biphenyl	C12H10	92-52-4	154.212906
PUBLIC-AE	BIPO33	Bismuth (III) metaphosphate (V)	BiO9P3		445.896271
PUBLIC-AE	BIPO4	Bismuth (III) orthophosphate (V)	BiO4P	10049-01-1	303.951752
PUBLIC-AE	BISCLMEETH	Dimethyl-1,1-dichloroether	C2H4Cl2O	542-88-1	114.95948
PUBLIC-AE	BISPHENOLA	2,2-Bis(p-hydroxyphenyl)propane	C15H16O2	80-05-7	228.292816
PUBLIC-AE	BLADEX	2-Butoxyethyl-2,4,5-trichlorophenoxyacetate	C14H17Cl3O4	2545-59-7	355.647491
PUBLIC-AE	BNZACETAC	Benzeneacetic acid	C8H8O2	103-82-2	136.151367
PUBLIC-AE	BNZACID	Benzoic acid	C7H6O2	65-85-0	122.124321
PUBLIC-AE	BNZALDEHYD	Benzaldehyde	C7H6O	100-52-7	106.124924
PUBLIC-AE	BNZAMID	Benzoylamide	C7H7NO	55-21-0	121.139587
PUBLIC-AE	BNZANTHR	Benzo[a]anthracene	C18H12	56-55-3	228.295441
PUBLIC-AE	BNZBFLUO	2,3-Benzofluoranthene	C20H12	205-99-2	252.317642
PUBLIC-AE	BNZBNZAT	Benzyl benzoate	C14H12O2	120-51-4	212.249847
PUBLIC-AE	BNZDIOL12	1,2-Benzenediol	C6H6O2	120-80-9	110.11322
PUBLIC-AE	BNZDIOL13	1,3-Benzenediol	C6H6O2	108-46-3	110.11322
PUBLIC-AE	BNZFLUOREN	Benzo[a]fluorene	C17H12	243-17-4	216.284348
PUBLIC-AE	BNZFURAN	Benzofuran	C8H6O	271-89-6	118.136017
PUBLIC-AE	BNZJFLUO	10,11-Benzofluoranthene	C20H12	205-82-3	252.317642
PUBLIC-AE	BNZKFLUO	11,12-Benzofluorene	C20H12	207-08-9	252.317642
PUBLIC-AE	BNZLETETH	Benzyl ethyl ether	C9H12O	539-30-0	136.194946
PUBLIC-AE	BNZONITRIL	Benzonitrile	C7H5N	100-47-0	103.124252
PUBLIC-AE	BNZPERLGH	Benzo[ghi]perylene	C22H12	191-24-2	276.339844
PUBLIC-AE	BNZPHENON	Benzophenone	C13H10O	119-61-9	182.223404
PUBLIC-AE	BNZPYREN	Benzo[a]pyrene	C20H12	50-32-8	252.317642
PUBLIC-AE	BNZTHRON	7H-Benz[de]anthracen-7-one	C17H10O	82-05-3	230.267807
PUBLIC-AE	BNZTRICL	alpha, alpha, alpha-Trichlorotoluene	C7H5Cl3	98-07-7	195.476547
PUBLIC-AE	BNZYLACET	alpha-Acetoxytoluene	C9H10O2	140-11-4	150.178406
PUBLIC-AE	BNZYLALCHL	alpha-Hydroxytoluene	C7H8O	100-51-6	108.140862
PUBLIC-AE	BNZYLDICL	alpha, alpha-Dichlorotoluene	C7H6Cl2	98-87-3	161.031525
PUBLIC-AE	BOH3	Boric acid	BH3O3	10043-35-3	61.832142
PUBLIC-AE	BOH4ION	Boron tetrahydroxide ion(-1)	BH4O4-1		78.839508
PUBLIC-AE	BPH4ION	Tetraphenyl borate ion(-1)	C24H20B-1		319.23584
PUBLIC-AE	BPHLEN	Biphenylene	C12H8	259-79-0	152.19696
PUBLIC-AE	BR2	Bromine	Br2	7726-95-6	159.807999
PUBLIC-AE	BR2CLME	Dibromochloromethane	CHBr2Cl	124-48-1	208.280075
PUBLIC-AE	BR2EL	Bromine (standard state)	Br2	7726-95-6	159.807999
PUBLIC-AE	BR2ET11	1,1-Dibromoethane	C2H4Br2	557-91-5	187.862076
PUBLIC-AE	BR3ION	Tribromide ion(-1)	Br3-1		239.712006
PUBLIC-AE	BRBENZEN	Bromobenzene	C6H5Br	108-86-1	157.010452
PUBLIC-AE	BRBUTAN1	1-Bromobutane	C4H9Br	109-65-9	137.020126
PUBLIC-AE	BRBUTAN2	2-Bromobutane	C4H9Br	78-76-2	137.020126
PUBLIC-AE	BRCL2BNZ	2-Bromochlorobenzene	C6H4BrCl	694-80-4	191.455475
PUBLIC-AE	BRCL2ME	Bromodichloromethane	CHBrCl2	75-27-4	163.829071
PUBLIC-AE	BRCL3ME	Bromotrichloromethane	CBrCl3	75-62-7	198.274094
PUBLIC-AE	BRCLBNZ3	1-Bromo-3-chlorobenzene	C6H4BrCl	108-37-2	191.455475
PUBLIC-AE	BRCLF2C1	Bromochlorodifluoromethane	CBrClF2	353-59-3	165.364899
PUBLIC-AE	BRCLME	Bromochloromethane	CH2BrCl	74-97-5	129.384033
PUBLIC-AE	BRCLPRP123	1,2-Dibromo-3-chloropropane	C3H5Br2Cl	96-12-8	236.334152
PUBLIC-AE	BRETHENE	Bromoethene	C2H3Br	593-60-2	106.950111
PUBLIC-AE	BRHEPTAN1	1-Bromoheptane	C7H15Br	629-04-9	179.101257

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	BRHXN14	1,4-Dibromocyclohexane	C6H10Br2	35076-92-7	241.9543
PUBLIC-AE	BRION	Bromide ion (-1)	Br-1		79.903999
PUBLIC-AE	BRNAPHTH1	1-Bromonaphthalene	C10H7Br	90-11-9	207.070786
PUBLIC-AE	BRO3ION	Bromate(VI) ion (-1)	BrO3-1		127.902199
PUBLIC-AE	BRO4ION	Perbromate(VII) ion (-1)	BrO4-1		143.901596
PUBLIC-AE	BROION	Hypobromite(I) ion (-1)	BrO-1		95.903397
PUBLIC-AE	BROMFORM	Bromoform	CHBr3	75-25-2	252.731064
PUBLIC-AE	BROMOXYNIL	3,5-Dibromo-4-hydroxybenzonitrile	C7H3Br2NO	1689-84-5	276.91571
PUBLIC-AE	BRPHENOL2	2-Bromophenol	C6H5BrO	95-56-7	173.009857
PUBLIC-AE	BRPHOXBN1	1-Bromo-4-phenoxybenzene	C12H9BrO	101-55-3	249.108337
PUBLIC-AE	BRPRPAN1	1-Bromopropane	C3H7Br	106-94-5	122.993088
PUBLIC-AE	BRPRPAN2	2-Bromopropane	C3H7Br	75-26-3	122.993088
PUBLIC-AE	BRTOLUEN4	4-Bromotoluene	C7H7Br	106-38-7	171.037491
PUBLIC-AE	BU4NBR	Tetrabutylammonium bromide	C16H36BrN		322.375214
PUBLIC-AE	BU4NCL	Tetrabutylammonium chloride	C16H36ClN		277.924225
PUBLIC-AE	BU4NI	Tetrabutylammonium iodide	C16H36IN		369.376221
PUBLIC-AE	BU4NION	Tetrabutylammonium ion(+1)	C16H36N+1		242.471222
PUBLIC-AE	BUBNZAT	n-Butyl benzoate	C11H14O2	136-60-7	178.232483
PUBLIC-AE	BUBNZPHTHA	Butyl benzyl phthalate	C19H20O4	85-68-7	312.367889
PUBLIC-AE	BUBUTYRAT	n-Butyl n-butyrate	C8H16O2	109-21-7	144.215118
PUBLIC-AE	BUCHXAN	n-Butylcyclohexane	C10H20	1678-93-9	140.270401
PUBLIC-AE	BUDIENE13	1,3-Butadiene	C4H6	106-99-0	54.09222
PUBLIC-AE	BUGAACTIV	Biomass, autotrophic active	C5H7NO2		113.116791
PUBLIC-AE	BUGAINERT	Biomass, autotrophic inert	C5H7NO2		113.116791
PUBLIC-AE	BUGBACTIV	Biomass, Nitrobacter, autotrophic active	C5H7NO2		113.116791
PUBLIC-AE	BUGBINERT	Biomass, Nitrobacter, autotrophic inactive	C5H7NO2		113.116791
PUBLIC-AE	BUGHACTIV	Biomass, heterotrophic active	C5H7NO2		113.116791
PUBLIC-AE	BUGHINERT	Biomass, heterotrophic inert	C5H7NO2		113.116791
PUBLIC-AE	BUGSACTIV	Biomass, Nitrosomonas, autotrophic active	C5H7NO2		113.116791
PUBLIC-AE	BUGSINERT	Biomass, Nitrosomonas, autotrophic inactive	C5H7NO2		113.116791
PUBLIC-AE	BUMEACRYL	n-Butyl methacrylate	C8H14O2	97-88-1	142.199173
PUBLIC-AE	BUNAPH1	1-n-Butyl naphthalene	C14H16	1634-09-9	184.282913
PUBLIC-AE	BUNONANOAT	n-Butyl nonanoate	C13H26O2	50623-57-9	214.350327
PUBLIC-AE	BUPROPIONT	Butyl propanoate	C7H14O2	590-01-2	130.18808
PUBLIC-AE	BUSTEARAT	n-Butyl stearate	C22H44O2	123-95-5	340.593689
PUBLIC-AE	BUTACRYLAT	n-Butyl acrylate	C7H12O2	141-32-2	128.172134
PUBLIC-AE	BUTADIEN12	1,2-Butadiene	C4H6	590-19-2	54.09222
PUBLIC-AE	BUTAN2HD14	1,4-Butanediol	C4H10O2	110-63-4	90.122902
PUBLIC-AE	BUTAN2HD23	2,3-Butanediol	C4H10O2	513-85-9	90.122902
PUBLIC-AE	BUTANION	n-Butanoic acid ion(-1)	C4H7O2-1		87.098991
PUBLIC-AE	BUTENE1	1-Butene	C4H8	106-98-9	56.108158
PUBLIC-AE	BUTIVALERT	Butyl-3-methylbutanoate	C9H18O2	109-19-3	158.242157
PUBLIC-AE	BUTLACETAT	1-Butyl acetate	C6H12O2	123-86-4	116.161041
PUBLIC-AE	BUTOXETNL2	2-Butoxyethanol	C6H14O2	111-76-2	118.176979
PUBLIC-AE	BUTOXIDE12	1,2-Butene oxide	C4H8O	106-88-7	72.107559
PUBLIC-AE	BUTRALDEHY	n-Butanal	C4H8O	123-72-8	72.107559
PUBLIC-AE	BUTVNYETH	1-(Ethenyloxy)-butane	C6H12O	111-34-2	100.161636
PUBLIC-AE	BUTYALCHOL	Butanol	C4H10O	71-36-3	74.123497
PUBLIC-AE	BUTYAMHION	Hydrogen 1-butaneamine ion(+1)	C4H12N+1		74.146744
PUBLIC-AE	BUTYLAMINE	1-Butanamine	C4H11N	109-73-9	73.138771

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	BUTYLBNZ	1-Phenylbutane	C10H14	104-51-8	134.22258
PUBLIC-AE	BUTYLFARMT	n-Butyl formate	C5H10O2	592-84-7	102.134003
PUBLIC-AE	BUTYLMCPT	1-Butanethiol	C4H10S	109-79-5	90.190102
PUBLIC-AE	BUTYNDIOL	Butynediol	C4H6O2	110-65-6	86.091019
PUBLIC-AE	BUTYRANHD	Butyric anhydride	C8H14O3	106-31-0	158.198578
PUBLIC-AE	BUTYRICAC	n-Butanoic acid	C4H8O2	107-92-6	88.106956
PUBLIC-AE	BUVALERAT	n-Butyl valerate	C9H18O2	591-68-4	158.242157
PUBLIC-AE	BZDIOL12ION	1,2-Benzenediol ion(-2)	C6H4O2-2		108.097282
PUBLIC-AE	BZDIOL13ION	1,3-Benzenediol ion(-2)	C6H4O2-2		108.097282
PUBLIC-AE	BZDIOL14ION	1,4-Benzenediol ion(-2)	C6H4O2-2		108.097282
PUBLIC-AE	C10H22	n-Decane	C10H22	124-18-5	142.286346
PUBLIC-AE	C11H24	n-Undecane	C11H24	1120-21-4	156.313385
PUBLIC-AE	C12H26	Dodecane	C12H26	112-40-3	170.340424
PUBLIC-AE	C13H26	1-Tridecene	C13H26	2437-56-1	182.351517
PUBLIC-AE	C13H28	n-Tridecane	C13H28	629-50-5	184.367462
PUBLIC-AE	C14H30	n-Tetradecane	C14H30	629-59-4	198.394501
PUBLIC-AE	C15H32	n-Pentadecane	C15H32	629-62-9	212.421539
PUBLIC-AE	C16H32	1-Hexadecene	C16H32	629-73-2	224.432632
PUBLIC-AE	C16H34	n-Hexadecane	C16H34	544-76-3	226.448578
PUBLIC-AE	C17H36	n-Heptadecane	C17H36	629-78-7	240.475616
PUBLIC-AE	C18H38	n-Octadecane	C18H38	593-45-3	254.502655
PUBLIC-AE	C19H40	n-Nonadecane	C19H40	629-92-5	268.529694
PUBLIC-AE	C20H42	n-Eicosane	C20H42	112-98-5	282.556732
PUBLIC-AE	C2BUY14HD2	Cis-2-butene-1,4-diol	C4H8O2	6117-80-2	88.106956
PUBLIC-AE	C2H4	Ethene	C2H4	74-85-1	28.054079
PUBLIC-AE	C2H6	Ethane	C2H6	74-84-0	30.070021
PUBLIC-AE	C2HEXENE	cis-2-Hexene	C6H12	7688-21-3	84.162239
PUBLIC-AE	C2PENTEN	cis-2-Pentene	C5H10	627-20-3	70.135201
PUBLIC-AE	C3H2NOION	2-Hydroxypropenenitrile ion(-1)	C3H2NO-1		68.055344
PUBLIC-AE	C3H3NO	2-Hydroxypropenenitrile	C3H3NO	5809-59-6	69.063309
PUBLIC-AE	C3H6	Propylene	C3H6	115-07-1	42.08112
PUBLIC-AE	C3H8	Propane	C3H8	74-98-6	44.097061
PUBLIC-AE	C3HEXENE	cis-3-Hexene	C6H12	7642-09-3	84.162239
PUBLIC-AE	C4H10	n-Butane	C4H10	106-97-8	58.1241
PUBLIC-AE	C4H4N2	1,4-Butanedinitrile	C4H4N2	110-61-2	80.089684
PUBLIC-AE	C4H6NOION	2-Hydroxy-2-methylpropanenitrile ion(-1)	C4H6NO-1		84.09832
PUBLIC-AE	C4H7NO	2-Hydroxy-2-methylpropanenitrile	C4H7NO	75-86-5	85.106293
PUBLIC-AE	C5H10	1-Pentene	C5H10	109-67-1	70.135201
PUBLIC-AE	C5H12	n-Pentane	C5H12	109-66-0	72.151138
PUBLIC-AE	C6H12	1-Hexene	C6H12	592-41-6	84.162239
PUBLIC-AE	C6H14	n-Hexane	C6H14	110-54-3	86.178177
PUBLIC-AE	C6H5OH	Phenol	C6H6O	108-95-2	94.113823
PUBLIC-AE	C6H5OION	Phenol ion(-1)	C6H5O-1		93.10585
PUBLIC-AE	C7H14	1-Heptene	C7H14	592-76-7	98.189278
PUBLIC-AE	C7H16	n-Heptane	C7H16	142-82-5	100.205223
PUBLIC-AE	C8H16	1-Octene	C8H16	111-66-0	112.216316
PUBLIC-AE	C8H18	n-Octane	C8H18	111-65-9	114.232262
PUBLIC-AE	C9H20	n-Nonane	C9H20	111-84-2	128.259293
PUBLIC-AE	CA2CL2O	Calcium chloride oxide	Ca2Cl2O		167.061401
PUBLIC-AE	CA2CL2O.2H2O	Calcium chloride oxide dihydrate	Ca2Cl2H4O3		203.092087

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CA2DTPAION	Dicalcium DTPA ion(-1)	C14H18Ca2N3O10-1		468.468964
PUBLIC-AE	CA2FEIICN6	Calcium ferrocyanide(II)	C6Ca2FeN6		292.109802
PUBLIC-AE	CA3ASO42	Calcium arsenate(V)	As2Ca3O8		398.072388
PUBLIC-AE	CA3BO32	Calcium orthoborate	B2Ca3O6		237.850464
PUBLIC-AE	CA3FECN62	Calcium ferricyanide(III)	C12Ca3Fe2N12		544.141602
PUBLIC-AE	CA3PO42	Calcium orthophosphate	Ca3O8P2	7758-87-4	310.176727
PUBLIC-AE	CA3VO42	Calcium orthovanadate(V)	Ca3O8V2		350.112213
PUBLIC-AE	CA5OHPO43	Hydroxyapatite	Ca5HO13P3	1306-06-5	502.311462
PUBLIC-AE	CAACET2	Calcium acetate	C4H6CaO4		158.167816
PUBLIC-AE	CAACET2.1H2O	Calcium acetate monohydrate	C4H8CaO5		176.183167
PUBLIC-AE	CAACET2.2H2O	Calcium acetate dihydrate	C4H10CaO6		194.198502
PUBLIC-AE	CAACETION	Calcium monoacetate ion(+1)	C2H3CaO2+1		99.12291
PUBLIC-AE	CAALAN2	Calcium di(l-alpha-alanine)	C6H12CaN2O4		216.251236
PUBLIC-AE	CAALANION	Calcium mono(l-alpha-alanine) ion(+1)	C3H6CaNO2+1		128.164627
PUBLIC-AE	CABENZOATION	Calcium monobenzoate ion(+1)	C7H5CaO2+1		161.194351
PUBLIC-AE	CABNZAT	Calcium benzoate	C14H10CaO4		282.310699
PUBLIC-AE	CABNZAT.3H2O	Calcium benzoate trihydrate	C14H16CaO7		336.35672
PUBLIC-AE	CABR2	Calcium bromide	Br2Ca	7789-41-5	199.886002
PUBLIC-AE	CABR2.4H2O	Calcium bromide tetrahydrate	Br2CaH8O4		271.947357
PUBLIC-AE	CABR2.6H2O	Calcium bromide hexahydrate	Br2CaH12O6		307.978027
PUBLIC-AE	CAC2O4	Calcium oxalate	C2CaO4	563-72-4	128.097794
PUBLIC-AE	CAC2O4.1H2O	Calcium oxalate monohydrate	C2H2CaO5		146.113144
PUBLIC-AE	CACL2	Calcium chloride	CaCl2	10043-52-4	110.984001
PUBLIC-AE	CACL2.1H2O	Calcium chloride monohydrate	CaCl2H2O		128.999344
PUBLIC-AE	CACL2.2H2O	Calcium chloride dihydrate	CaCl2H4O2	10035-04-8	147.014679
PUBLIC-AE	CACL2.4H2O	Calcium chloride tetrahydrate	CaCl2H8O4	25094-02-4	183.045364
PUBLIC-AE	CACL2.6H2O	Calcium chloride hexahydrate	CaCl2H12O6	7774-34-7	219.076035
PUBLIC-AE	CACLION	Calcium monochloride ion(+1)	CaCl+1		75.530998
PUBLIC-AE	CACN2	Calcium cyanide	C2CaN2	592-01-8	92.113602
PUBLIC-AE	CACO3	Calcium carbonate (calcite)	CCaO3	471-34-1	100.087303
PUBLIC-AE	CACOOH2	Calcium formate	C2H2CaO4	544-17-2	130.113739
PUBLIC-AE	CACOOHION	Calcium monoformate ion (+1)	CHCaO2+1		85.095871
PUBLIC-AE	CACR2O7	Calcium dichromate(VI)	CaCr2O7		256.065796
PUBLIC-AE	CACR2O7.4H2O	Calcium dichromate(VI) tetrahydrate	CaCr2H8O11		328.127167
PUBLIC-AE	CACR2O7.5H2O	Calcium dichromate(VI) pentahydrate	CaCr2H10O12		346.142487
PUBLIC-AE	CACR2O7.6H2O	Calcium dichromate(VI) hexahydrate	CaCr2H12O13		364.157837
PUBLIC-AE	CACRO4	Calcium chromate(VI)	CaCrO4	13765-19-0	156.071594
PUBLIC-AE	CACTRT	Calcium citrate	C12H10Ca3O14		498.438507
PUBLIC-AE	CACTRT.4H2O	Calcium citrate tetrahydrate	C12H18Ca3O18		570.499878
PUBLIC-AE	CACTRTION	Calcium monocitrate ion(-1)	C6H5CaO7-1		229.180252
PUBLIC-AE	CADTPAION	Calcium DTPA ion(-3)	C14H18CaN3O10-3		428.390961
PUBLIC-AE	CAEDTAION	Calcium EDTA ion(-2)	C10H12CaN2O8-2		328.293243
PUBLIC-AE	CAEL	Calcium	Ca	7440-70-2	40.077999
PUBLIC-AE	CAF2	Calcium fluoride	CaF2	7789-75-5	78.074806
PUBLIC-AE	CAFEIICN6ION	Calcium hexacyanoferric(II) ion(-2)	C6CaFeN6-2		252.031799
PUBLIC-AE	CAFEIICN6ION	Calcium hexacyanoferric(III) ion(-1)	C6CaFeN6-1		252.031799
PUBLIC-AE	CAFION	Calcium monofluoride ion(+1)	CaF+1		59.076405
PUBLIC-AE	CAGLYCIN2	Calcium diglycine	C4H8CaN2O4		188.197159
PUBLIC-AE	CAGLYCINION	Calcium monoglycine ion(+1)	C2H4CaNO2+1		114.137581
PUBLIC-AE	CAGLYCOL2	Calcium glycolate	C4CaH6O6		190.166626

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CAGLYCOLION	Calcium monoglycolate ion(+1)	C2H3CaO3+1		115.122307
PUBLIC-AE	CAH2BO3ION	Calcium dihydrogen borate ion(+1)	BCaH2O3+1		100.902168
PUBLIC-AE	CAH2CTRITION	Calcium dihydrogen citrate ion(+1)	C6H7CaO7+1		231.196198
PUBLIC-AE	CAH2EDTA	Calcium dihydrogen EDTA	C10CaH14N2O8		330.309174
PUBLIC-AE	CAH2PO42	Calcium dihydrogen orthophosphate	CaH4O8P2	7758-23-8	234.052597
PUBLIC-AE	CAH2PO42.1H2O	Calcium dihydrogen orthophosphate monohydrate	CaH6O9P2		252.067947
PUBLIC-AE	CAH2PO4ION	Calcium dihydrogen orthophosphate(V) ion(+1)	CaH2O4P+1		137.065308
PUBLIC-AE	CAH2SIO4	Calcium silicon dioxide dihydroxide	CaH2O4Si		134.177032
PUBLIC-AE	CAH3DTPA	Calcium trihydrogen DTPA	C14H21CaN3O10		431.414856
PUBLIC-AE	CAH4TEO6	Calcium tetrahydrogen tellurium hexaoxide	CaH4O6Te		267.706268
PUBLIC-AE	CAHC2O42	Calcium di(hydrogen oxalate)	C4H2CaO8		218.133545
PUBLIC-AE	CAHC2O4ION	Calcium hydrogen oxalate ion(+1)	C2HCaO4+1		129.105774
PUBLIC-AE	CAHCO32	Calcium bicarbonate	C2CaH2O6		162.112534
PUBLIC-AE	CAHCO32CO3	Di(calcium bicarbonate) carbonate	C3Ca2H2O9		262.199829
PUBLIC-AE	CAHCO32SO4	Di(calcium bicarbonate) sulfate	C2Ca2H2O10S		298.25415
PUBLIC-AE	CAHCO3AMCT	Calcium bicarbonate carbamate	C2CaH3NO5		161.127808
PUBLIC-AE	CAHCO3CL	Calcium bicarbonate chloride	CCaClHO3		136.548264
PUBLIC-AE	CAHCO3HCO3	Calcium di(bicarbonate)	C2CaH2O6		162.112534
PUBLIC-AE	CAHCO3HS	Calcium bicarbonate bisulfide	CCaH2O3S		134.169235
PUBLIC-AE	CAHCO3HSO4	Calcium bicarbonate bisulfate	CCaH2O7S		198.16684
PUBLIC-AE	CAHCO3ION	Calcium bicarbonate ion(+1)	CCaHO3+1		101.095268
PUBLIC-AE	CAHCO3OH	Calcium bicarbonate hydroxide	CCaH2O4		118.102638
PUBLIC-AE	CAHCTRT	Calcium hydrogen citrate	C6H6CaO7		230.188217
PUBLIC-AE	CAHDTPAION	Calcium hydrogen DTPA ion(-2)	C14H19CaN3O10-2		429.398926
PUBLIC-AE	CAHEDTAION	Calcium hydrogen EDTA ion(-1)	C10H13CaN2O8-1		329.301208
PUBLIC-AE	CAHNNTA	Calcium hydrogen NTA	C6H7CaNO6		229.203491
PUBLIC-AE	CAHOSALICYLION	Calcium hydrogen salicylate ion(+1)	C7H5CaO3+1		177.193756
PUBLIC-AE	CAHPO4	Calcium hydrogen orthophosphate	CaHO4P	7757-93-9	136.057327
PUBLIC-AE	CAHPO4.2H2O	Calcium hydrogen orthophosphate dihydrate	CaH5O6P		172.088013
PUBLIC-AE	CAHS2	Calcium bisulfide	CaH2S2		106.225937
PUBLIC-AE	CAHSIO3ION	Calcium hydrogen silicate ion(+1)	CaHO3Si+1		117.16967
PUBLIC-AE	CAHSO32	Calcium bisulfite	CaH2O6S2		202.222336
PUBLIC-AE	CAHSO42	Calcium bisulfate	CaH2O8S2		234.221146
PUBLIC-AE	CAHSUCCNATION	Calcium hydrogen succinate ion(+1)	C4H5CaO4+1		157.159851
PUBLIC-AE	CAHTARTRTION	Calcium hydrogen tartrate ion(+1)	C4H5CaO6+1		189.158646
PUBLIC-AE	CAI2	Calcium iodide	CaI2	10102-68-8	293.888
PUBLIC-AE	CAION	Calcium ion(+2)	Ca+2		40.077999
PUBLIC-AE	CAMOO4	Calcium molybdate(VI)	CaMoO4	7789-82-4	200.015594
PUBLIC-AE	CAMOO4.0.5H2O	Calcium molybdate(VI).semihydrate	CaHMoO4.5		209.02327
PUBLIC-AE	CAMPHEN	2,2-Dimethyl-3-methylenenorbornane	C10H16	79-92-5	136.238525
PUBLIC-AE	CAMPHOR	2-Bornanone	C10H16O	76-22-2	152.237915
PUBLIC-AE	CANBO32	Calcium diniobium(V) hexaoxide	CaNb2O6		321.887207
PUBLIC-AE	CANH2CO22	Calcium carbamate	C2CaH4N2O4		160.143082
PUBLIC-AE	CANO22	Calcium nitrite	CaN2O4	13780-06-8	132.089005
PUBLIC-AE	CANO22.1H2O	Calcium nitrite monohydrate	CaH2N2O5		150.10434
PUBLIC-AE	CANO22.4H2O	Calcium nitrite tetrahydrate	CaH8N2O8		204.15036
PUBLIC-AE	CANO32	Calcium nitrate	CaN2O6	10124-37-5	164.087799
PUBLIC-AE	CANO32.3H2O	Calcium nitrate trihydrate	CaH6N2O9		218.13382
PUBLIC-AE	CANO32.4H2O	Calcium nitrate tetrahydrate	CaH8N2O10		236.149155
PUBLIC-AE	CANO3ION	Calcium mononitrate ion(+1)	CaNO3+1		102.082901

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CANTA2ION	Calcium di-NTA ion(-4)	C12H12CaN2O12-4		416.313049
PUBLIC-AE	CANTAION	Calcium mono-NTA ion(-1)	C6H6CaNO6-1		228.195526
PUBLIC-AE	CAOH2	Calcium hydroxide	CaH2O2	1305-62-0	74.092743
PUBLIC-AE	CAOHCL	Calcium hydroxide chloride	CaClHO		92.538368
PUBLIC-AE	CAOHION	Calcium hydroxide ion(+1)	CaHO+1		57.085369
PUBLIC-AE	CAOSALICYL	Calcium salicylate	C7H4CaO3		176.185776
PUBLIC-AE	CAPHILL	Calcium dialuminum pentasilicate pentahydrate	Al2CaH10O19Si5		548.536865
PUBLIC-AE	CAPO4ION	Calcium orthophosphate(V) ion(-1)	CaO4P-1		135.049362
PUBLIC-AE	CAPROLACTAM	6-Caprolactam	C6H11NO	105-60-2	113.16037
PUBLIC-AE	CAPROP2	Calcium propanate	C6H10CaO4		186.221893
PUBLIC-AE	CAPROP2.1H2O	Calcium propanate monohydrate	C6H12CaO5		204.237244
PUBLIC-AE	CAPROPION	Calcium monopropionate ion(+1)	C3H5CaO2+1		113.149948
PUBLIC-AE	CARBNTET	Carbon tetrachloride	CCl4	56-23-5	153.823105
PUBLIC-AE	CARVACROL	5-Isopropyl-2-methylphenol	C10H14O	499-75-2	150.221985
PUBLIC-AE	CARVON	2-Methyl-4-(1-methylethenyl)-2-cyclohexene-1-one	C10H14O	2244-16-8	150.221985
PUBLIC-AE	CAS	Calcium sulfide	CaS	20548-54-3	72.143997
PUBLIC-AE	CASE	Calcium selenide	CaSe	1305-84-6	119.038002
PUBLIC-AE	CASEO3	Calcium selenite(IV)	CaO3Se		167.036194
PUBLIC-AE	CASEO3.2H2O	Calcium selenite(IV) dihydrate	CaH4O5Se		203.066879
PUBLIC-AE	CASEO4	Calcium selenate(VI)	CaO4Se		183.035599
PUBLIC-AE	CASEO4.2H2O	Calcium selenate(VI) dihydrate	CaH4O6Se		219.066284
PUBLIC-AE	CASO3	Calcium sulfite	CaO3S	10257-55-3	120.142197
PUBLIC-AE	CASO3.0.5H2O	Calcium sulfite hemihydrate	CaHO3.5S		129.149872
PUBLIC-AE	CASO3.2H2O	Calcium sulfite dihydrate	CaH4O5S		156.172882
PUBLIC-AE	CASO4	Calcium sulfate	CaO4S	7778-18-9	136.141602
PUBLIC-AE	CASO4.2H2O	Calcium sulfate dihydrate	CaH4O6S		172.172287
PUBLIC-AE	CASTEARATE	Calcium stearate	C36H70CaO4		607.033081
PUBLIC-AE	CASUCCNAT.3H2O	Calcium succinate trihydrate	C4CaH10O7		210.197906
PUBLIC-AE	CASUCCNATE	Calcium succinate	C4CaH4O4	140-99-8	156.151886
PUBLIC-AE	CATARTRT	Calcium tartrate	C4H4CaO6		188.150681
PUBLIC-AE	CATARTRT.4H2O	Calcium tartrate tetrahydrate	C4H12CaO10		260.212036
PUBLIC-AE	CATE	Calcium telluride	CaTe		167.677994
PUBLIC-AE	CATEO3	Calcium tellurite	CaO3Te		215.676193
PUBLIC-AE	CATEO3.1H2O	Calcium tellurite monohydrate	CaH2O4Te		233.691544
PUBLIC-AE	CATIO3	Calcium titanium trioxide	CaO3Ti		135.956207
PUBLIC-AE	CAVO32	Calcium divanadium(V) hexaoxide	CaO6V2		237.957397
PUBLIC-AE	CAWO4	Calcium tungsten tetraoxide	CaO4W	7790-75-2	287.925598
PUBLIC-AE	CBUTEN	cis-2-Butene	C4H8	590-18-1	56.108158
PUBLIC-AE	CCROTAC	cis-Crotonic acid	C4H6O2	503-64-0	86.091019
PUBLIC-AE	CCROTION	cis-Crotonic acid ion(-1)	C4H5O2-1		85.083054
PUBLIC-AE	CCYCOCTAN	Cyclooctane	C8H16	292-64-8	112.216316
PUBLIC-AE	CD2DTPAION	Dicadmium DTPA ion(-1)	C14H18Cd2N3O10-1		613.132935
PUBLIC-AE	CDACET2	Cadmium acetate	C4H6CdO4		230.499817
PUBLIC-AE	CDACET3ION	Cadmium triacetate ion(-1)	C6H9CdO6-1		289.544739
PUBLIC-AE	CDACETION	Cadmium monoacetate ion(+1)	C2H3CdO2+1		171.45491
PUBLIC-AE	CDALAN2	Cadmium di(l-alpha-alanine)	C6H12CdN2O4		288.583252
PUBLIC-AE	CDALANION	Cadmium mono(l-alpha-alanine) ion(+1)	C3H6CdNO2+1		200.496613
PUBLIC-AE	CDBR2	Cadmium bromide	Br2Cd	7789-42-6	272.217987
PUBLIC-AE	CDBR2.4H2O	Cadmium bromide tetrahydrate	Br2CdH8O4		344.279358
PUBLIC-AE	CDBR3ION	Cadmium tribromide ion(-1)	Br3Cd-1		352.122009

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CDBR4ION	Cadmium tetrabromide ion(-2)	Br4Cd-2		432.026001
PUBLIC-AE	CDBRION	Cadmium bromide ion(+1)	BrCd+1		192.313995
PUBLIC-AE	CDC2O4	Cadmium oxalate	C2CdO4		200.429794
PUBLIC-AE	CDC2O4.3H2O	Cadmium oxalate trihydrate	C2H6CdO7		254.475815
PUBLIC-AE	CDC2O42ION	Cadmium dioxalate ion(-2)	C4CdO8-2		288.449585
PUBLIC-AE	CDC2O43ION	Cadmium trioxalate ion(-4)	C6CdO12-4		376.469391
PUBLIC-AE	CDCL2	Cadmium chloride	CdCl2	10108-64-2	183.315994
PUBLIC-AE	CDCL2.1H2O	Cadmium chloride monohydrate	CdCl2H2O		201.331345
PUBLIC-AE	CDCL2.2.5H2O	Cadmium chloride 2.5-hydrate	CdCl2H5O2.5		228.354355
PUBLIC-AE	CDCL3ION	Cadmium trichloride ion(-1)	CdCl3-1		218.768997
PUBLIC-AE	CDCL4ION	Cadmium tetrachloride ion(-2)	CdCl4-2		254.222
PUBLIC-AE	CDCLION	Cadmium monochloride ion(+1)	CdCl+1		147.863007
PUBLIC-AE	CDCLO42	Cadmium perchlorate	CdCl2O8		311.311188
PUBLIC-AE	CDCN2	Cadmium cyanide	C2CdN2	542-83-6	164.445602
PUBLIC-AE	CDCN3ION	Cadmium tricyanide ion(-1)	C3CdN3-1		190.463394
PUBLIC-AE	CDCN4ION	Cadmium tetracyanide ion(-2)	C4CdN4-2		216.481201
PUBLIC-AE	CDCNION	Cadmium cyanide ion(+1)	CCdN+1		138.427795
PUBLIC-AE	CDCO3	Cadmium carbonate	CCdO3	513-78-0	172.419296
PUBLIC-AE	CDCOOH2	Cadmium formate	C2H2CdO4		202.44574
PUBLIC-AE	CDCOOH2.2H2O	Cadmium formate dihydrate	C2H6CdO6		238.476425
PUBLIC-AE	CDCOOHION	Cadmium monoformate ion(+1)	CHCdO2+1		157.427872
PUBLIC-AE	CDCTRITION	Cadmium citrate ion(-1)	C6H5CdO7-1		301.512238
PUBLIC-AE	CDDEXH2ION	Cadmium di(N,N-diethanolamine) ion(+2)	C8H22CdN2O4+2		322.68515
PUBLIC-AE	CDDEXHION	Cadmium mono(N,N-diethanolamine) ion(+2)	C4H11CdN2O2+2		217.547577
PUBLIC-AE	CDDTPAION	Cadmium DTPA ion(-3)	C14H18CdN3O10-3		500.722961
PUBLIC-AE	CDEDA2ION	Cadmium di(ethylenediamine) ion(+2)	C4H16CdN4+2		232.608719
PUBLIC-AE	CDEDA3ION	Cadmium tri(ethylenediamine) ion(+2)	C6H24CdN6+2		292.708069
PUBLIC-AE	CDEDAION	Cadmium mono(ethylenediamine) ion(+2)	C2H8CdN2+2		172.509354
PUBLIC-AE	CDEDTAION	Cadmium mono-EDTA ion(-2)	C10H12CdN2O8-2		400.625244
PUBLIC-AE	CDEL	Cadmium	Cd	7440-43-9	112.410004
PUBLIC-AE	CDF2	Cadmium fluoride	CdF2	7790-79-6	150.406799
PUBLIC-AE	CDFION	Cadmium monofluoride ion(+1)	CdF+1		131.408401
PUBLIC-AE	CDGLYCIN2	Cadmium diglycine	C4H8CdN2O4		260.529175
PUBLIC-AE	CDGLYCINION	Cadmium monoglycine ion(+1)	C2H4CdNO2+1		186.469574
PUBLIC-AE	CDGLYCOL2	Cadmium glycolate	C4H6CdO6		262.498627
PUBLIC-AE	CDGLYCOLION	Cadmium monoglycolate ion(+1)	C2H3CdO3+1		187.454315
PUBLIC-AE	CDH2CTRITION	Cadmium dihydrogen citrate ion(+1)	C6H7CdO7+1		303.528198
PUBLIC-AE	CDH2DTPAION	Cadmium dihydrogen DTPA ion(-1)	C14H20CdN3O10-1		502.738892
PUBLIC-AE	CDH2EDTA	Cadmium dihydrogen EDTA	C10CdH14N2O8		402.641174
PUBLIC-AE	CDH3DTPA	Cadmium trihydrogen DTPA	C14H21CdN3O10		503.746857
PUBLIC-AE	CDHCTRT	Cadmium monohydrogen citrate	C6H6CdO7		302.520233
PUBLIC-AE	CDHDTPAION	Cadmium hydrogen DTPA ion(-2)	C14H19CdN3O10-2		501.730927
PUBLIC-AE	CDHEDTAION	Cadmium hydrogen EDTA ion(-1)	C10H13CdN2O8-1		401.633209
PUBLIC-AE	CDHNNTA	Cadmium hydrogen NTA	C6H7CdNO6		301.535492
PUBLIC-AE	CDHS2	Cadmium bisulfide	CdH2S2		178.557938
PUBLIC-AE	CDHS3ION	Cadmium tri(hydrogen sulfide) ion(-1)	CdH3S3-1		211.631912
PUBLIC-AE	CDHS4ION	Cadmium tetra(hydrogen sulfide) ion(-2)	CdH4S4-2		244.705887
PUBLIC-AE	CDHSION	Cadmium bisulfide ion(+1)	CdHS+1		145.483963
PUBLIC-AE	CDI2	Cadmium iodide	CdI2	7790-80-9	366.220001
PUBLIC-AE	CDI3ION	Cadmium triiodide ion(-1)	CdI3-1		493.125

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CDI4ION	Cadmium tetraiodide ion(-2)	CdI4-2		620.030029
PUBLIC-AE	CDIION	Cadmium monoiodide ion(+1)	CdI+1		239.315002
PUBLIC-AE	CDION	Cadmium ion(+2)	Cd+2		112.410004
PUBLIC-AE	CDMEXH2ION	Cadmium di(2-aminoethanol) ion(+2)	C4H14CdN2O2+2		234.578186
PUBLIC-AE	CDMEXH3ION	Cadmium tri(2-aminoethanol) ion(+2)	C6H21CdN3O3+2		295.662262
PUBLIC-AE	CDMEXHION	Cadmium mono(2-aminoethanol) ion(+2)	C2H7CdNO+2		173.494095
PUBLIC-AE	CDMOO4	Cadmium molybdate(VI)	CdMoO4	13972-68-4	272.347595
PUBLIC-AE	CDNH32ION	Cadmium diammonia ion(+2)	CdH6N2+2		146.471222
PUBLIC-AE	CDNH33ION	Cadmium triammonia ion(+2)	CdH9N3+2		163.501831
PUBLIC-AE	CDNH34ION	Cadmium tetraammonia ion(+2)	CdH12N4+2		180.53244
PUBLIC-AE	CDNH35ION	Cadmium pentaammonia ion(+2)	CdH15N5+2		197.563049
PUBLIC-AE	CDNH36ION	Cadmium hexaammonia ion(+2)	CdH18N6+2		214.593658
PUBLIC-AE	CDNH3ION	Cadmium ammonia ion(+2)	CdH3N+2		129.440613
PUBLIC-AE	CDNO22	Cadmium nitrite	CdN2O4		204.421005
PUBLIC-AE	CDNO23ION	Cadmium trinitrite ion(-1)	CdN3O6-1		250.426498
PUBLIC-AE	CDNO2ION	Cadmium mononitrite ion(+1)	CdNO2+1		158.415497
PUBLIC-AE	CDNO32	Cadmium nitrate	CdN2O6		236.4198
PUBLIC-AE	CDNO32.2H2O	Cadmium nitrate dihydrate	CdH4N2O8		272.45047
PUBLIC-AE	CDNO32.4H2O	Cadmium nitrate tetrahydrate	CdH8N2O10		308.481171
PUBLIC-AE	CDNO3ION	Cadmium mononitrate ion(+1)	CdNO3+1		174.414902
PUBLIC-AE	CDNTA2ION	Cadmium di-NTA ion(-4)	C12H12CdN2O12-4		488.64505
PUBLIC-AE	CDNTAION	Cadmium mono-NTA ion(-1)	C6H6CdNO6-1		300.527527
PUBLIC-AE	CDOH2	Cadmium hydroxide	CdH2O2	21041-95-2	146.424744
PUBLIC-AE	CDOH3ION	Cadmium trihydroxide ion(-1)	CdH3O3-1		163.432114
PUBLIC-AE	CDOH4ION	Cadmium tetrahydroxide ion(-2)	CdH4O4-2		180.439484
PUBLIC-AE	CDOHION	Cadmium monohydroxide ion(+1)	CdHO+1		129.417374
PUBLIC-AE	CDS	Cadmium sulfide	CdS	1306-23-6	144.475998
PUBLIC-AE	CDSCN2	Cadmium thiocyanate	C2CdN2S2		228.577606
PUBLIC-AE	CDSCN3ION	Cadmium trithiocyanate ion(-1)	C3CdN3S3-1		286.661407
PUBLIC-AE	CDSCN4ION	Cadmium tetrathiocyanate ion(-2)	C4CdN4S4-2		344.745209
PUBLIC-AE	CDSCNION	Cadmium monothiocyanate ion(+1)	CCdNS+1		170.493805
PUBLIC-AE	CDSE	Cadmium selenide	CdSe	1306-24-7	191.369995
PUBLIC-AE	CDSECN2	Cadmium selenocyanate	C2CdN2Se2		322.365601
PUBLIC-AE	CDSECNION	Cadmium monoselenocyanate ion(+1)	CCdNSE+1		217.387802
PUBLIC-AE	CDSEO3	Cadmium selenite	CdO3Se		239.368195
PUBLIC-AE	CDSEO3.0.5H2O	Cadmium selenite hemihydrate	CdHO3.5Se		248.37587
PUBLIC-AE	CDSEO4	Cadmium selenate	CdO4Se	13814-62-5	255.367599
PUBLIC-AE	CDSEO4.1H2O	Cadmium selenate monohydrate	CdH2O5Se		273.382935
PUBLIC-AE	CDSEO4.2H2O	Cadmium selenate dihydrate	CdH4O6Se		291.398285
PUBLIC-AE	CDSO4	Cadmium sulfate	CdO4S	10124-36-4	208.473602
PUBLIC-AE	CDSO4.1H2O	Cadmium sulfate monohydrate	CdH2O5S		226.488937
PUBLIC-AE	CDSO4.2.6H2O	Cadmium sulfate 2.6 hydrate	CdH5.2O6.6S		255.313477
PUBLIC-AE	CDTEXH2ION	Cadmium di(triethanolamine) ion(+2)	C12H30CdN2O6+2		410.792114
PUBLIC-AE	CDTEXH3ION	Cadmium tri(triethanolamine) ion(+2)	C18H45CdN3O9+2		559.983154
PUBLIC-AE	CDTEXHION	Cadmium monotriethanolamine ion(+2)	C6H15CdNO3+2		261.601044
PUBLIC-AE	CDWO4	Cadmium tungstate	CdO4W	7790-85-4	360.257599
PUBLIC-AE	CE2CO33	CERAMICS-AEium(III) carbonate	C3Ce2O9		460.267914
PUBLIC-AE	CE2MOO43	CERAMICS-AEium(III) molybdenate(VI)	Ce2(MoO4)3		760.052795
PUBLIC-AE	CE2MOO43.2H2O	CERAMICS-AEium(III) molybdate(VI) dihydrate	Ce2H4Mo3O14		796.083496
PUBLIC-AE	CE2O3	CERAMICS-AEium(III) oxide	Ce2O3		328.23819

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CE2OX3	CERAMICS-AEium(III) oxalate	C6Ce2O12		544.299377
PUBLIC-AE	CE2OX3.9H2O	CERAMICS-AEium(III) oxalate nonahydrate	C6H18Ce2O21		706.437439
PUBLIC-AE	CE2S3	CERAMICS-AEium(III) sulfide	Ce2S3		376.437988
PUBLIC-AE	CE2SO43	CERAMICS-AEium(III) sulfate	Ce2O12S3	13454-94-9	568.430786
PUBLIC-AE	CE2WO43	CERAMICS-AEium(III) tungstate	Ce2O12W3		1023.782776
PUBLIC-AE	CEACET2ION	CERAMICS-AEium(III) diacetate ion(+1)	C4H6CeO4+1		258.209808
PUBLIC-AE	CEACET3	CERAMICS-AEium(III) acetate	C6H9CeO6		317.25473
PUBLIC-AE	CEACETION	CERAMICS-AEium(III) monoacetate ion(+2)	C2H3CeO2+2		199.164917
PUBLIC-AE	CEBR3	CERAMICS-AEium(III) bromide	Br3Ce	14457-87-5	379.832001
PUBLIC-AE	CEC2O42ION	CERAMICS-AEium(III) dioxalate ion(-1)	C4CeO8-1		316.159607
PUBLIC-AE	CEC2O43ION	CERAMICS-AEium(III) trioxalate ion(-3)	C6CeO12-3		404.179413
PUBLIC-AE	CEC2O4ION	CERAMICS-AEium(III) monooxalate ion(+1)	C2CeO4+1		228.139801
PUBLIC-AE	CECL2ION	CERAMICS-AEium(III) dichloride ion(+1)	CeCl2+1		211.026001
PUBLIC-AE	CECL3	CERAMICS-AEium(III) chloride	CeCl3	7790-86-5	246.479004
PUBLIC-AE	CECL4ION	CERAMICS-AEium(III) tetrachloride ion(-1)	CeCl4-1		281.932007
PUBLIC-AE	CECLION	CERAMICS-AEium(III) monochloride ion(+2)	CeCl+2		175.572998
PUBLIC-AE	CECO3ION	CERAMICS-AEium(III) monocarbonate ion(+1)	CCeO3+1		200.129303
PUBLIC-AE	CECTRT	CERAMICS-AEium(III) citrate	C6H5CeO7		329.22226
PUBLIC-AE	CECTRT2ION	CERAMICS-AEium(III) dicitrate ion(-2)	C12H10CeO14-3		518.324524
PUBLIC-AE	CEDTPAION	CERAMICS-AEium(III) DTPA ion(-2)	C14H18CeN3O10-2		528.432983
PUBLIC-AE	CEEDTAION	CERAMICS-AEium(III) EDTA ion(-1)	C10H12CeN2O8-1		428.335236
PUBLIC-AE	CEEL	CERAMICS-AEium	Ce	7440-45-1	140.119995
PUBLIC-AE	CEF2ION	CERAMICS-AEium(III) difluoride ion(+1)	CeF2+1		178.116806
PUBLIC-AE	CEF3	CERAMICS-AEium(III) fluoride	CeF3	7758-88-5	197.115204
PUBLIC-AE	CEF4ION	CERAMICS-AEium(III) tetrafluoride ion(-1)	CeF4-1		216.113617
PUBLIC-AE	CEFION	CERAMICS-AEium(III) monofluoride ion(+2)	CeF+2		159.118408
PUBLIC-AE	CEH2DTPA	CERAMICS-AEium(III) dihydrogen DTPA	C14H20CeN3O10		530.448914
PUBLIC-AE	CEH2PO4ION	CERAMICS-AEium(III) dihydrogen orthophosphate ion(+2)	CeH2O4P+2		237.1073
PUBLIC-AE	CEHCO3ION	CERAMICS-AEium(III) bicarbonate ion(+2)	CCeHO3+2		201.137268
PUBLIC-AE	CEHEDTA	CERAMICS-AEium(III) hydrogen EDTA	C10H13CeN2O8		429.343201
PUBLIC-AE	CEI3	CERAMICS-AEium(III) iodide	CeI3	7790-87-6	520.835022
PUBLIC-AE	CEION	CERAMICS-AEium ion(+3)	Ce+3		140.119995
PUBLIC-AE	CEIVION	CERAMICS-AEium ion(+4)	Ce+4		140.119995
PUBLIC-AE	CEIVNO34	CERAMICS-AEium(IV) nitrate	CeN4O12		388.139587
PUBLIC-AE	CEL	Carbon (graphite)	C	7782-42-5	12.0111
PUBLIC-AE	CEMOO43ION	CERAMICS-AEium(III) trimolybdate ion(-3)	CeMo3O12-3		619.9328
PUBLIC-AE	CEMOO4ION	CERAMICS-AEium(III) molybdate ion(+1)	CeMoO4+1		300.057587
PUBLIC-AE	CENO33	CERAMICS-AEium(III) nitrate	CeN3O9	10108-73-3	326.134705
PUBLIC-AE	CENO33.4H2O	CERAMICS-AEium(III) nitrate tetrahydrate	CeH8N3O13	15878-76-9	398.196045
PUBLIC-AE	CENO33.5H2O	CERAMICS-AEium(III) nitrate pentahydrate	CeH10N3O14	15878-75-8	416.211395
PUBLIC-AE	CENO33.6H2O	CERAMICS-AEium(III) nitrate hexahydrate	CeH12N3O15	10294-41-4	434.226746
PUBLIC-AE	CENO3ION	CERAMICS-AEium(III) mononitrate ion(+2)	CeNO3+2		202.124893
PUBLIC-AE	CENTA	CERAMICS-AEium(III) NTA	C6H6CeNO6		328.237518
PUBLIC-AE	CENTA2ION	CERAMICS-AEium(III) di-NTA ion(-3)	C12H12CeN2O12-3		516.355042
PUBLIC-AE	CEO2	CERAMICS-AEium(IV) oxide	CeO2	1306-38-3	172.118805
PUBLIC-AE	CEOH2ION	CERAMICS-AEium(III) dihydroxide ion(+1)	CeH2O2+1		174.134735
PUBLIC-AE	CEOH3	CERAMICS-AEium(III) hydroxide	CeH3O3		191.142105
PUBLIC-AE	CEOH4ION	CERAMICS-AEium(III) tetrahydroxide ion(-1)	CeH4O4-1		208.149475
PUBLIC-AE	CEOHION	CERAMICS-AEium(III) monohydroxide ion(+2)	CeHO+2		157.127365
PUBLIC-AE	CEPO4	CERAMICS-AEium(III) orthophosphate	CeO4P		235.091354

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CEPO4.2H2O	CERAMICS-AEium(III) orthophosphate dihydrate	CeH4O6P		271.12204
PUBLIC-AE	CESO42ION	CERAMICS-AEium(III) disulfate ion(-1)	CeO8S2-1		332.247192
PUBLIC-AE	CESO4ION	CERAMICS-AEium(III) monosulfate ion(+1)	CeO4S+1		236.183594
PUBLIC-AE	CETYLMCTN	1-Hexadecanethiol	C16H34S	2917-26-2	258.514587
PUBLIC-AE	CETYMEACRY	Cetyl methacrylate	C20H38O2	2495-27-4	310.523651
PUBLIC-AE	CH3SION	Methanethiol ion(-1)	CH3S-1		47.101009
PUBLIC-AE	CH4	Methane	CH4	74-82-8	16.04298
PUBLIC-AE	CHABAZITE	Dialuminum calcium tetrasilicon dodecaoxide hexahydrate	Al2CaH12O18Si4		506.467926
PUBLIC-AE	CHAMOSITE7A	Dialuminum diiron silicon pentaoxide tetrahydroxide	Al2Fe2H4O9Si		341.769073
PUBLIC-AE	CHD10NAPH	cis-Decahydronaphthalene	C10H18	493-01-6	138.254456
PUBLIC-AE	CHEPTAN	Cycloheptane	C7H14	291-64-5	98.189278
PUBLIC-AE	CHEPTEN	Cycloheptene	C7H12	628-92-2	96.17334
PUBLIC-AE	CHEPTEN2	cis-2-Heptene	C7H14	6443-92-1	98.189278
PUBLIC-AE	CHEPTEN3	cis-3-Heptene	C7H14	7642-10-6	98.189278
PUBLIC-AE	CHEXDIEN13	1,3-Cyclohexadiene	C6H8	592-57-4	80.130363
PUBLIC-AE	CHEXNNOXIM	Cyclohexanone oxime	C6H11NO	100-64-1	113.16037
PUBLIC-AE	CHLORDANE	Octachloro-4,7-methanotetrahydroindane	C10H6Cl8	57-74-9	409.782806
PUBLIC-AE	CHLORITOID	Dialuminum iron silicon pentoxide dihydroxide	Al2FeH2O7Si		251.907318
PUBLIC-AE	CHLOROFM	Chloroform	CHCl3	67-66-3	119.378067
PUBLIC-AE	CHOLESTROL	Cholesterol	C27H46O	57-88-5	386.66571
PUBLIC-AE	CHRYSEN	Chrysene	C18H12	218-01-9	228.295441
PUBLIC-AE	CHXANOL	Cyclohexanol	C6H12O	108-93-0	100.161636
PUBLIC-AE	CHXLCHXON	2-Cyclohexylcyclohexanone	C12H20O	90-42-6	180.292007
PUBLIC-AE	CHXYLCBZ	Cyclohexylbenzene	C12H16	827-52-1	160.260727
PUBLIC-AE	CINNAMICAC	Cinnamic acid	C9H8O2	140-10-3	148.16246
PUBLIC-AE	CITRAC	Citric acid	C6H8O7	77-92-9	192.12616
PUBLIC-AE	CITRAC.1H2O	Citric acid monohydrate	C6H10O8		210.141495
PUBLIC-AE	CITRATION	Citrate ion(-3)	C6H5O7-3		189.102249
PUBLIC-AE	CL1F1122ET	1-Chloro-1,1,2,2-tetrafluoroethane	C2HClF4	354-25-6	136.476776
PUBLIC-AE	CL1PROL2	1-Chloro-2-propanol	C3H7ClO	127-00-4	94.541489
PUBLIC-AE	CL1PRPYNE3	3-Chloro-1-propyne	C3H3Cl	624-65-7	74.510208
PUBLIC-AE	CL2	Chlorine	Cl2	7782-50-5	70.905998
PUBLIC-AE	CL21BUTN34	3,4-dichloro-1-butene	C4H6Cl2	760-23-6	124.998222
PUBLIC-AE	CL2ACETAC	2,2-Dichloroacetic acid	C2H2Cl2O2	79-43-6	128.942947
PUBLIC-AE	CL2ACETCL	2,2-Dichloroacetyl chloride	C2HCl3O	79-36-7	147.388565
PUBLIC-AE	CL2BUTAN14	1,4-Dichlorobutane	C4H8Cl2	110-56-5	127.01416
PUBLIC-AE	CL2CBUTN14	Cis-1,4-dichloro-2-butene	C4H6Cl2	1476-11-5	124.998222
PUBLIC-AE	CL2ET11	1,1-Dichloroethane	C2H4Cl2	75-34-3	98.960083
PUBLIC-AE	CL2ET12	1,2-Dichloroethane	C2H4Cl2	107-06-2	98.960083
PUBLIC-AE	CL2FL2ETH	1,2-Dichloro-1,1-difluoroethane	C2H2Cl2F2	1649-08-7	134.940948
PUBLIC-AE	CL2FL2ETHS	1,2-Dichloro-1,2-difluoroethane	C2H2Cl2F2	431-06-1	134.940948
PUBLIC-AE	CL2PNTAN15	1,5-Dichloropentane	C5H10Cl2	628-76-2	141.041199
PUBLIC-AE	CL2PROL1	2-Chloro-1-propanol	C3H7ClO	78-89-7	94.541489
PUBLIC-AE	CL2PRPEN23	2,3-Dichloropropene	C3H4Cl2	78-88-6	110.971184
PUBLIC-AE	CL2PRPN11	1,1-Dichloropropane	C3H6Cl2	78-99-9	112.987122
PUBLIC-AE	CL2TBUYN13	alpha-1,3-Dichloro-2-butene	C4H6Cl2	7415-31-8	124.998222
PUBLIC-AE	CL3ACETAC	Trichloroethanoic acid	C2HCl3O2	76-03-9	163.38797
PUBLIC-AE	CL3ACETAL	Trichloroacetaldehyde	C2HCl3O	75-87-6	147.388565
PUBLIC-AE	CL3ACETCL	Trichloroacetyl chloride	C2Cl4O	76-02-8	181.833603
PUBLIC-AE	CL3BNZ135	1,3,5-Trichlorobenzene	C6H3Cl3	108-70-3	181.449509

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CL3ET111	1,1,1-Trichloroethane	C2H3Cl3	71-55-6	133.405106
PUBLIC-AE	CL3ET112	1,1,2-Trichloroethane	C2H3Cl3	79-00-5	133.405106
PUBLIC-AE	CL3FL4ET	1,2-Dichlorotetrafluoroethane	C2Cl2F4	76-14-2	170.921814
PUBLIC-AE	CL4ET1112	1,1,1,2-Tetrachloroethane	C2H2Cl4	630-20-6	167.850143
PUBLIC-AE	CL4ET1122	1,1,2,2-Tetrachloroethane	C2H2Cl4	79-34-5	167.850143
PUBLIC-AE	CL4ETHEN	1,1,2,2-Tetrachloroethylene	C2Cl4	127-18-4	165.834198
PUBLIC-AE	CL4ME3PHNL	4-Chloro-3-methylphenol	C7H7ClO	59-50-7	142.585892
PUBLIC-AE	CL5BNZ	Pentachlorobenzene	C6HCl5	608-93-5	250.339569
PUBLIC-AE	CL5ET	Pentachloroethane	C2HCl5	76-01-7	202.295166
PUBLIC-AE	CL5PHENOL	Pentachlorophenol	C6HCl5O	87-86-5	266.338959
PUBLIC-AE	CL6BENZEN	Perchlorobenzene	C6Cl6	118-74-1	284.784607
PUBLIC-AE	CL6ET	Perchloroethane	C2Cl6	67-72-1	236.740204
PUBLIC-AE	CLACEPHENN	2-Chloroacetophenone	C8H7ClO	532-27-4	154.596985
PUBLIC-AE	CLACETAC	Chloroacetic acid	C2H3ClO2	79-11-8	94.49791
PUBLIC-AE	CLACETATION	Chloroacetate ion(-1)	C2H2ClO2-1		93.489937
PUBLIC-AE	CLACETCL	Chloroacetyl chloride	C2H2Cl2O	79-04-9	112.943542
PUBLIC-AE	CLAPATITE	Chlorapatite	Ca5ClO12P3		520.75708
PUBLIC-AE	CLBENZEN	Chlorobenzene	C6H5Cl	108-90-7	112.559448
PUBLIC-AE	CLBNZ123	1,2,3-Trichlorobenzene	C6H3Cl3	87-61-6	181.449509
PUBLIC-AE	CLBNZ1245	1,2,4,5-Tetrachlorobenzene	C6H2Cl4	95-94-3	215.894547
PUBLIC-AE	CLBNZAC3	3-Chlorobenzoic acid	C7H5ClO2	535-80-8	156.569351
PUBLIC-AE	CLBNZAC34	3,4-Dichlorobenzoic acid	C7H4Cl2O2	51-44-5	191.014374
PUBLIC-AE	CLBNZLATE	4,4'-Dichlorobenzilic acid ethyl ester	C16H14Cl2O3	510-15-6	325.19339
PUBLIC-AE	CLBUTAN1	1-Chlorobutane	C4H9Cl	109-69-3	92.56913
PUBLIC-AE	CLECLFORMT	2-Chloroethyl chloroformate	C3H4Cl2O2	627-11-2	142.969986
PUBLIC-AE	CLEPOXPPN1	1-Chloro-2,3-epoxypropane	C3H5ClO	106-89-8	92.525551
PUBLIC-AE	CLET12ACET	1,2-Dichloroethyl acetate	C4H6Cl2O2	10140-87-1	156.997025
PUBLIC-AE	CLETHANE	Ethyl chloride	C2H5Cl	75-00-3	64.515053
PUBLIC-AE	CLETNOL2	2-Chloroethanol	C2H5ClO	107-07-3	80.51445
PUBLIC-AE	CLETOXETE2	2-Chloroethoxyethene	C4H7ClO	110-75-8	106.552589
PUBLIC-AE	CLFL2ME	Chlorodifluoromethane	CHClF2	75-45-6	86.46888
PUBLIC-AE	CLFL3ETH	2-Chloro-1,1,1-trifluoroethane	C2H2ClF3	75-88-7	118.486351
PUBLIC-AE	CLFL3ME	Chlorotrifluoromethane	CClF3	75-72-9	104.459312
PUBLIC-AE	CLFL4ETH	1-Chloro-1,2,2,2-tetrafluoroethane	C2HClF4	2837-89-0	136.476776
PUBLIC-AE	CLFL5ET	1-Chloro-1,1,2,2,2-pentafluoroethane	C2ClF5	76-15-3	154.467209
PUBLIC-AE	CLFLET1122	1,1,2,2-Tetrachlorodifluoroethane	C2Cl4F2	76-12-0	203.831009
PUBLIC-AE	CLFLME	Chlorofluoromethane	CH2ClF	593-70-4	68.478439
PUBLIC-AE	CLHXANE1	1-Chloro-n-hexane	C6H13Cl	544-10-5	120.623207
PUBLIC-AE	CLION	Chloride ion(-1)	Cl-1		35.452999
PUBLIC-AE	CLIPROP2ET	2,2'-Dichlorodiisopropyl ether	C6H12Cl2O	108-60-1	171.067642
PUBLIC-AE	CLME	Methyl chloride	CH3Cl	74-87-3	50.48801
PUBLIC-AE	CLMEBNZ234	3,4-Dichlorotoluene	C7H6Cl2	95-75-0	161.031525
PUBLIC-AE	CLMEOXLN33	3,3-Dichloromethyloxolane	C6H10Cl2O	78-71-7	169.051697
PUBLIC-AE	CLNAPHTH2	2-Chloronaphthalene	C10H7Cl	91-58-7	162.619797
PUBLIC-AE	CLNAPHTH1	1-Chloronaphthalene	C10H7Cl	90-13-1	162.619797
PUBLIC-AE	CLO2	Chlorine dioxide	ClO2	10049-04-4	67.451797
PUBLIC-AE	CLO2ION	Chlorite ion(-1)	ClO2-1		67.451797
PUBLIC-AE	CLO3ION	Chlorate ion(-1)	ClO3-1		83.451202
PUBLIC-AE	CLO4ION	Perchlorate ion(-1)	ClO4-1		99.4506
PUBLIC-AE	CLOION	Hypochlorite ion(-1)	ClO-1		51.4524

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CLPHACINON	2-[(p-Chlorophenyl)phenylacetyl]-1,3-indandione	C23H15ClO3	3691-35-8	374.82605
PUBLIC-AE	CLPHEN2346	2,3,4,6-Tetrachlorophenol	C6H2Cl4O	58-90-2	231.893936
PUBLIC-AE	CLPHEN2356	2,3,5,6-Tetrachlorophenol	C6H2Cl4O	935-95-5	231.893936
PUBLIC-AE	CLPHENL235	2,3,5-Trichlorophenol	C6H3Cl3O	933-78-8	197.448914
PUBLIC-AE	CLPHENL236	2,3,6-Trichlorophenol	C6H3Cl3O	933-75-5	197.448914
PUBLIC-AE	CLPHENL245	2,4,5-Trichlorophenol	C6H3Cl3O	95-95-4	197.448914
PUBLIC-AE	CLPHENL246	2,4,6-Trichlorophenol	C6H3Cl3O	88-06-2	197.448914
PUBLIC-AE	CLPHENL345	3,4,5-Trichlorophenol	C6H3Cl3O	609-19-8	197.448914
PUBLIC-AE	CLPHENOL24	2,4-Dichlorophenol	C6H4Cl2O	120-83-2	163.003876
PUBLIC-AE	CLPHENOL26	2,6-Dichlorophenol	C6H4Cl2O	87-65-0	163.003876
PUBLIC-AE	CLPHEOBNZ	1-Chloro-4-phenoxybenzene	C12H9ClO	7005-72-3	204.657333
PUBLIC-AE	CLPNTAN1	1-Chloropentane	C5H11Cl	543-59-9	106.596169
PUBLIC-AE	CLPRENE2	2-Chloro-1,3-butadiene	C4H5Cl	126-99-8	88.537247
PUBLIC-AE	CLPROP1L23	2,3-Dichloro-1-propanol	C3H6Cl2O	616-23-9	128.986526
PUBLIC-AE	CLPROP2L13	1,3-Dichloro-2-propanol	C3H6Cl2O	96-23-1	128.986526
PUBLIC-AE	CLPROPEN11	1,1-Dichloropropene	C3H4Cl2	563-58-6	110.971184
PUBLIC-AE	CLPRP1	n-Propyl chloride	C3H7Cl	540-54-5	78.542091
PUBLIC-AE	CLPRP2	Isopropyl chloride	C3H7Cl	75-29-6	78.542091
PUBLIC-AE	CLPRP2ON13	1,3-Dichloro-2-propanone	C3H4Cl2O	534-07-6	126.970581
PUBLIC-AE	CLPRPEN2	2-Chloropropene	C3H5Cl	557-98-2	76.526154
PUBLIC-AE	CLTOLUENEO	2-Chlorotoluene	C7H7Cl	95-49-8	126.586487
PUBLIC-AE	CLTOLUENEP	4-Chlorotoluene	C7H7Cl	106-43-4	126.586487
PUBLIC-AE	CMECHEXN12	cis-1,2-Dimethylcyclohexane	C8H16	2207-01-4	112.216316
PUBLIC-AE	CMECHEXN13	cis-1,3-Dimethylcyclohexane	C8H16	638-04-0	112.216316
PUBLIC-AE	CMECHEXN14	cis-1,4-Dimethylcyclohexane	C8H16	624-29-3	112.216316
PUBLIC-AE	CMECHXOL2	cis-2-Methylcyclohexanol	C7H14O	7443-70-1	114.188683
PUBLIC-AE	CMECHXOL3	cis-3-Methylcyclohexanol	C7H14O	5454-79-5	114.188683
PUBLIC-AE	CMECHXOL4	cis-4-Methylcyclohexanol	C7H14O	7731-28-4	114.188683
PUBLIC-AE	CMECPENT12	cis-1,2-Dimethylcyclopentane	C7H14	1192-18-3	98.189278
PUBLIC-AE	CMECPENT13	cis-1,3-Dimethylcyclopentane	C7H14	2532-58-3	98.189278
PUBLIC-AE	CNION	Cyanide ion(-1)	CN-1		26.017799
PUBLIC-AE	CNOION	Cyanate ion(-1)	CNO-1		42.0172
PUBLIC-AE	CO	Carbon monoxide	CO	630-08-0	28.0105
PUBLIC-AE	CO2	Carbon dioxide	CO2	124-38-9	44.009899
PUBLIC-AE	CO2DTPAION	Dicobalt(II) DTPA ion(-1)	C14H18Co2N3O10-1		506.179352
PUBLIC-AE	CO3ION	Carbonate ion(-2)	CO3-2		60.0093
PUBLIC-AE	CO3PO42	Cobalt phosphate	Co3O8P2		366.74231
PUBLIC-AE	CO3PO42.8H2O	Cobalt phosphate octahydrate	Co3H16O16P2		510.865051
PUBLIC-AE	COACET2	Cobalt(II) acetate	C4H6CoO4		177.023026
PUBLIC-AE	COACET3ION	Cobalt(II) triacetate ion(-1)	C6H9CoO6-1		236.067932
PUBLIC-AE	COACETION	Cobalt(II) monoacetate ion(+1)	C2H3CoO2+1		117.978111
PUBLIC-AE	COC2O4	Cobalt(II) oxalate	C2CoO4	814-89-1	146.953003
PUBLIC-AE	COC2O4.2H2O	Cobalt(II) oxalate dihydrate	C2H4CoO6		182.983673
PUBLIC-AE	COCOOH2	Cobalt(II) formate	C2H2CoO4		148.968933
PUBLIC-AE	COCOOHION	Cobalt(II) monoformate ion(+1)	CHCoO2+1		103.951073
PUBLIC-AE	COCR2O4	Cobalt chromite	CoCr2O4	68187-49-5	226.922806
PUBLIC-AE	COCTDIEN15	1,5-cyclooctadiene	C8H12	111-78-4	108.184441
PUBLIC-AE	COCTENE	Cyclooctene	C8H14	931-88-4	110.200378
PUBLIC-AE	CODTPAION	Cobalt(II) DTPA ion(-3)	C14H18CoN3O10-3		447.246155
PUBLIC-AE	COEDA2ION	Cobalt(II) di(ethylenediamine) ion(+2)	C4H16CoN4+2		179.131927

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	COEDA3ION	Cobalt tri(ethylenediamine) ion(+2)	C6H24CoN6+2		239.231277
PUBLIC-AE	COEDAION	Cobalt(II) monoethylenediamine ion(+2)	C2H8CoN2+2		119.032562
PUBLIC-AE	COEL	Cobalt	Co	7440-48-4	58.933201
PUBLIC-AE	COGLYCIN2	Cobalt(II) diglycine	C4H8CoN2O4		207.052353
PUBLIC-AE	COGLYCINION	Cobalt(II) monoglycine ion(+1)	C2H4CoNO2+1		132.992783
PUBLIC-AE	COH2DTPAION	Cobalt(II) dihydrogen DTPA ion(-1)	C14H20CoN3O10-1		449.262085
PUBLIC-AE	COH3DTPA	Cobalt(II) trihydrogen DTPA	C14H21CoN3O10		450.270081
PUBLIC-AE	COHDTPAION	Cobalt(II) hydrogen DTPA ion(-2)	C14H19CoN3O10-2		448.25412
PUBLIC-AE	COHPO4	Cobalt hydrogen phosphate	CoHO4P		154.912537
PUBLIC-AE	COHPO4.1.5H2O	Cobalt hydrogen phosphate 1.5-water	CoH4O5.5P		181.935547
PUBLIC-AE	COIIALAN2	Cobalt(II) di(L-alpha-alanine)	C6H12CoN2O4		235.106445
PUBLIC-AE	COIIALANION	Cobalt(II) mono(L-alpha-alanine) ion(+1)	C3H6CoNO2+1		147.019821
PUBLIC-AE	COIIBR2	Cobalt(II) bromide	Br2Co	7789-43-7	218.741196
PUBLIC-AE	COIIBR2.2H2O	Cobalt(II) bromide dihydrate	Br2CoH4O2		254.771881
PUBLIC-AE	COIIBR2.4H2O	Cobalt(II) bromide tetrahydrate	Br2CoH8O4		290.802551
PUBLIC-AE	COIIBR2.6H2O	Cobalt(II) bromide hexahydrate	Br2CoH12O6		326.833252
PUBLIC-AE	COIIBRION	Cobalt(II) monobromide ion(+1)	BrCo+1		138.837204
PUBLIC-AE	COIIC2O42ION	Cobalt(II) dioxalate ion(-2)	C4CoO8-2		234.972794
PUBLIC-AE	COIIC2O43ION	Cobalt(II) trioxalate ion(-4)	C6CoO12-4		322.992615
PUBLIC-AE	COIICL2	Cobalt(II) chloride	Cl2Co		129.839203
PUBLIC-AE	COIICL2.2H2O	Cobalt(II) chloride dihydrate	Cl2CoH4O2		165.869873
PUBLIC-AE	COIICL2.4H2O	Cobalt(II) chloride tetrahydrate	Cl2CoH8O4		201.900558
PUBLIC-AE	COIICL2.6H2O	Cobalt(II) chloride hexahydrate	Cl2CoH12O6		237.931244
PUBLIC-AE	COIICLION	Cobalt(II) monochloride ion(+1)	ClCo+1		94.3862
PUBLIC-AE	COIICO3	Cobalt(II) carbonate	CCoO3		118.942497
PUBLIC-AE	COICTRTION	Cobalt(II) citrate ion(-1)	C6H5CoO7-1		248.035446
PUBLIC-AE	COIIEDTAION	Cobalt(II) EDTA ion(-2)	C10H12CoN2O8-2		347.148438
PUBLIC-AE	COIIF2	Cobalt(II) fluoride	CoF2	10026-17-2	96.930008
PUBLIC-AE	COIIGLYC2	Cobalt(II) glycolate	C4H6CoO6		209.02182
PUBLIC-AE	COIIGLYCION	Cobalt(II) monoglycolate ion(-1)	C2H3CoO3+1		133.977509
PUBLIC-AE	COIIH2CTRION	Cobalt(II) dihydrogen citrate ion(+1)	C6H7CoO7+1		250.051392
PUBLIC-AE	COIIH2EDTA	Cobalt(II) dihydrogen EDTA	C10CoH14N2O8		349.164368
PUBLIC-AE	COIIHCTR	Cobalt(II) monohydrogen citrate	C6H6CoO7		249.043427
PUBLIC-AE	COIIHEDTAION	Cobalt(II) hydrogen EDTA ion(-1)	C10H13CoN2O8-1		348.156403
PUBLIC-AE	COIINHNTA	Cobalt(II) hydrogen NTA	C6H7CoNO6		248.058685
PUBLIC-AE	COIICL3	Cobalt(III) chloride	Cl3Co		165.292206
PUBLIC-AE	COIIF3	Cobalt(III) fluoride	CoF3	10026-18-3	115.928406
PUBLIC-AE	COIIION	Cobalt ion(+3)	Co+3		58.933201
PUBLIC-AE	COIINH36ION	Cobalt(III) hexaammonia ion(+3)	CoH18N6+3		161.116867
PUBLIC-AE	COIIIOH3	Cobalt(III) hydroxide	CoH3O3		109.955307
PUBLIC-AE	COIIIOHION	Cobalt(III) monohydroxide ion(+2)	CoHO+2		75.940567
PUBLIC-AE	COIIION	Cobalt ion(+2)	Co+2		58.933201
PUBLIC-AE	COIIMOO4	Cobalt(II) molybdate(VI)	CoMoO4		218.870804
PUBLIC-AE	COIINH32ION	Cobalt(II) diammonia ion(+2)	CoH6N2+2		92.994423
PUBLIC-AE	COIINH33ION	Cobalt(II) triammonia ion(+2)	CoH9N3+2		110.025032
PUBLIC-AE	COIINH34ION	Cobalt(II) tetraammonia ion(+2)	CoH12N4+2		127.055641
PUBLIC-AE	COIINH35ION	Cobalt(II) pentaammonia ion(+2)	CoH15N5+2		144.086243
PUBLIC-AE	COIINH36ION	Cobalt(II) hexaammonia ion(+2)	CoH18N6+2		161.116867
PUBLIC-AE	COIINH3ION	Cobalt(II) monoammonia ion(+2)	CoH3N+2		75.963814
PUBLIC-AE	COIINO32	Cobalt(II) nitrate	CoN2O6	1014-05-6	182.942993

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	COIINO32.2H2O	Cobalt(II) nitrate dihydrate	CoH4N2O8		218.973679
PUBLIC-AE	COIINO32.3H2O	Cobalt(II) nitrate trihydrate	CoH6N2O9		236.989014
PUBLIC-AE	COIINO32.4H2O	Cobalt(II) nitrate tetrahydrate	CoH8N2O10		255.004364
PUBLIC-AE	COIINO32.6H2O	Cobalt(II) nitrate hexahydrate	CoH12N2O12		291.035034
PUBLIC-AE	COIINO3ION	Cobalt(II) mononitrate ion(+1)	CoNO3+1		120.938103
PUBLIC-AE	COIINTA2ION	Cobalt(II) di-NTA ion(-4)	C12H12CoN2O12-4		435.168243
PUBLIC-AE	COIINTAION	Cobalt(II) mono-NTA ion(-1)	C6H6CoNO6-1		247.05072
PUBLIC-AE	COIIOH2	Cobalt(II) hydroxide	CoH2O2		92.947937
PUBLIC-AE	COIIOH3ION	Cobalt(II) trihydroxide ion(-1)	CoH3O3-1		109.955307
PUBLIC-AE	COIIOH4ION	Cobalt(II) tetrahydroxide ion(-2)	CoH4O4-2		126.962677
PUBLIC-AE	COIIOHION	Cobalt(II) monohydroxide ion(+1)	CoHO+1		75.940567
PUBLIC-AE	COIIS	Cobalt(II) sulfide	CoS		90.999199
PUBLIC-AE	COIISCN2	Cobalt(II) thiocyanate	C2CoN2S2		175.1008
PUBLIC-AE	COIISCNION	Cobalt(II) monocyanoide ion(+1)	CCoNS+1		117.016998
PUBLIC-AE	COIISECN2	Cobalt(II) selenocyanate	C2CoN2Se2		268.888794
PUBLIC-AE	COIISECNION	Cobalt(II) selenocyanate ion(+1)	CCoNSe+1		163.910995
PUBLIC-AE	COIISO4	Cobalt(II) sulfate	CoO4S	10124-43-3	154.996796
PUBLIC-AE	COIISO4.1H2O	Cobalt(II) sulfate monohydrate	CoH2O5S		173.012146
PUBLIC-AE	COIISO4.6H2O	Cobalt(II) sulfate hexahydrate	CoH12O10S		263.088837
PUBLIC-AE	COIISO4.7H2O	Cobalt(II) sulfate heptahydrate	CoH14O11S		281.104187
PUBLIC-AE	COIITEXHION	Cobalt(II) monotriethanolamine ion(+2)	C6H15CoNO3+2		208.124252
PUBLIC-AE	COIITRTRT	Cobalt(II) tartrate	C4H4CoO6		207.005875
PUBLIC-AE	COOHION	Formate ion(-1)	CHO2-1		45.017872
PUBLIC-AE	COS	Carbonyl sulfide	COS	463-58-1	60.0765
PUBLIC-AE	COSE	Cobalt(II) selenide	CoSe		137.893204
PUBLIC-AE	COSEO3	Cobalt(II) selenite	CoO3Se		185.891403
PUBLIC-AE	COSEO3.2H2O	Cobalt(II) selenite dihydrate	CoH4O5Se		221.922073
PUBLIC-AE	COSEO4	Cobalt(II) selenate	CoO4Se		201.890793
PUBLIC-AE	COSEO4.1H2O	Cobalt(II) selenate monohydrate	CoH2O5Se		219.906143
PUBLIC-AE	COSEO4.4H2O	Cobalt(II) selenate tetrahydrate	CoH8O8Se		273.952148
PUBLIC-AE	COSEO4.6H2O	Cobalt(II) selenate hexahydrate	CoH12O10Se		309.982849
PUBLIC-AE	COSEO4.7H2O	Cobalt(II) selenate heptahydrate	CoH14O11Se		327.998169
PUBLIC-AE	COUMFURYL	3-(alpha-Acetyl-furfuryl)-4-hydroxycoumarin	C17H14O5	117-52-2	298.297272
PUBLIC-AE	COUMTRALYL	Coumatetralyl	C19H15O3	5836-29-3	291.328644
PUBLIC-AE	COWO4	Cobalt(II) tungstate	CoO4W		306.780792
PUBLIC-AE	CPENTADIEN	Cyclopentadiene	C5H6	542-92-7	66.103317
PUBLIC-AE	CPENTEN	Cyclopentene	C5H8	142-29-0	68.119263
PUBLIC-AE	CPHEBU2EN2	cis-2-Phenyl-2-butene	C10H12	768-00-3	132.206635
PUBLIC-AE	CPROYLBNZ	cis-1-Propenylbenzene	C9H10	766-90-5	118.179604
PUBLIC-AE	CR2O7ION	Dichromate(VI) ion(-2)	Cr2O7-2		215.987793
PUBLIC-AE	CR2S3	Chromium(III) sulfide	Cr2S3		200.190002
PUBLIC-AE	CR2SO4	Chromium(III) sulfate	Cr2O12S3	10101-53-8	392.1828
PUBLIC-AE	CR2SO4.14H2O	Chromium(III) sulfate tetradecahydrate	Cr2H28O26S3		644.397583
PUBLIC-AE	CR2SO4.16H2O	Chromium(III) sulfate hexadecahydrate	Cr2H32O28S3		680.428223
PUBLIC-AE	CRBDSULF	Carbon disulfide	CS2	75-15-0	76.143097
PUBLIC-AE	CREL	Chromium	Cr	7440-47-3	51.995998
PUBLIC-AE	CRF2	Chromium(II) Fluoride	CrF2	10049-10-2	89.992805
PUBLIC-AE	CRF3	Chromium(III) fluoride	CrF3	7788-97-8	108.991211
PUBLIC-AE	CRFION	Chromium(III) monofluoride ion(+2)	CrF+2		70.9944
PUBLIC-AE	CRIBR2	Chromium(II) bromide	Br2Cr	10049-25-9	211.804001

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CRIC2O4	Chromium(II) oxalate	C2CrO4	814-90-4	140.015793
PUBLIC-AE	CRIC2O42ION	Chromium(II) dioxalate ion(-2)	C4CrO8-2		228.035599
PUBLIC-AE	CRICL2	Chromium(II) chloride	Cl2Cr	10049-05-5	122.902
PUBLIC-AE	CRIIEDTAION	Chromium(II) EDTA ion(-2)	C10H12CrN2O8-2		340.211243
PUBLIC-AE	CRIIH2EDTA	Chromium(II) dihydrogen EDTA	C10H14CrN2O8		342.227173
PUBLIC-AE	CRIIHEDTAION	Chromium(II) hydrogen EDTA ion(-1)	C10H13CrN2O8-1		341.219208
PUBLIC-AE	CRIII2	Chromium(III) iodide	CrI2		305.806
PUBLIC-AE	CRIIIBR3	Chromium(III) bromide	Br3Cr	10031-25-1	291.708008
PUBLIC-AE	CRIIIBRION	Chromium(III) monobromide ion(+2)	BrCr+2		131.899994
PUBLIC-AE	CRIIICL2ION	Chromium(III) dichloride ion(+1)	Cl2Cr+1		122.902
PUBLIC-AE	CRIIICL3	Chromium(III) chloride	Cl3Cr	10025-73-7	158.354996
PUBLIC-AE	CRIIICLION	Chromium(III) monochloride ion(+2)	ClCr+2		87.448997
PUBLIC-AE	CRIIIEDTAION	Chromium(III) EDTA ion(-1)	C10H12CrN2O8-1		340.211243
PUBLIC-AE	CRIIIH2PO4ION	Chromium(III) dihydrogen orthophosphate ion(+2)	CrH2O4P+2		148.983307
PUBLIC-AE	CRIIIHEDTA	Chromium(III) hydrogen EDTA	C10H13CrN2O8		341.219208
PUBLIC-AE	CRIIIHPO4ION	Chromium(III) hydrogen orthophosphate ion(+1)	CrHO4P+1		147.975327
PUBLIC-AE	CRIIII3	Chromium(III) iodide	CrI3		432.710999
PUBLIC-AE	CRIIIIION	Chromium(III) monoiodide ion(+2)	CrI+2		178.901001
PUBLIC-AE	CRIIIIION	Chromium ion(+3)	Cr+3		51.995998
PUBLIC-AE	CRIIINO33	Chromium(III) nitrate	CrN3O9		238.010696
PUBLIC-AE	CRIIINO33.9H2O	Chromium(III) nitrate nonahydrate	CrH18N3O18		400.148773
PUBLIC-AE	CRIIINO3ION	Chromium(III) mononitrate ion(+2)	CrNO3+2		114.0009
PUBLIC-AE	CRIIION	Chromium ion(+2)	Cr+2		51.995998
PUBLIC-AE	CRIIIOH2	Chromium(II) hydroxide	CrH2O2		86.010742
PUBLIC-AE	CRO3	Chromium(VI) trioxide	CrO3	1333-82-0	99.994202
PUBLIC-AE	CRO4ION	Chromate(VI) ion(-2)	CrO4-2		115.993599
PUBLIC-AE	CROH2ION	Chromium(III) dihydroxide ion(+1)	CrH2O2+1		86.010742
PUBLIC-AE	CROH3	Chromium (III) hydroxide (amorphous)	CrH3O3		103.018112
PUBLIC-AE	CROH4ION	Chromium(III) tetrahydroxide ion(-1)	CrH4O4-1		120.025482
PUBLIC-AE	CROHION	Chromium(III) monohydroxide ion(+2)	CrHO+2		69.003372
PUBLIC-AE	CRONS7A	Tetrairon silicon petaoxide tetrahydroxide	Fe4H4O9Si		399.499969
PUBLIC-AE	CROTONAMD	Crotonamide	C4H7NO	625-37-6	85.106293
PUBLIC-AE	CRS	Chromium(II) sulfide	CrS		84.061996
PUBLIC-AE	CRSO4ION	Chromium(III) sulfate ion(+1)	CrO4S+1		148.059601
PUBLIC-AE	CS2CO3	Cesium carbonate	CCs2O3	534-17-8	325.820099
PUBLIC-AE	CS2CO3.3.5H2O	Cesium carbonate 3.5 hydrate	CCs2H7O6.5		388.873779
PUBLIC-AE	CS2CRO4	Cesium chromate(VI)	CrCs2O4		381.804413
PUBLIC-AE	CS2MOO4	Cesium molybdate(VI)	Cs2MoO4		425.748413
PUBLIC-AE	CS2SEO3	Cesium selenite	Cs2O3Se		392.769012
PUBLIC-AE	CS2SEO4	Cesium selenate	Cs2O4Se		408.768402
PUBLIC-AE	CS2SO4	Cesium sulfate	Cs2O4S	10294-54-9	361.87439
PUBLIC-AE	CSACET	Cesium acetate	C2H3CsO2		191.950317
PUBLIC-AE	CSBIBDJSOL				577.905029
PUBLIC-AE	CSBO2	Cesium metaborate	BCsO2		175.714233
PUBLIC-AE	CSBPH4	Cesium tetrphenylborate	C24H20BCs	3087-82-9	452.141235
PUBLIC-AE	CSBR	Cesium bromide	BrCs	7787-69-1	212.809402
PUBLIC-AE	CSCL	Cesium chloride	ClCs	7647-17-8	168.358398
PUBLIC-AE	CSCOOH	Cesium formate	CHCsO2		177.923264
PUBLIC-AE	CSCOOH.1H2O	Cesium formate monohydrate	CH3CsO3		195.938614
PUBLIC-AE	CSCS100SOL				577.905029

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CSCTRION	Cesium citrate ion(-2)	C6H5CsO7-2		322.00766
PUBLIC-AE	CSEL	Cesium	Cs	7440-46-2	132.905396
PUBLIC-AE	CSF	Cesium fluoride	CsF		151.903809
PUBLIC-AE	CSF.1H2O	Cesium fluoride monohydrate	CsFH2O		169.919144
PUBLIC-AE	CSGLYCOL	Cesium glycolate	C2H3CsO3		207.949707
PUBLIC-AE	CSGLYCOL2ION	Cesium diglycolate ion(-1)	C4H6CsO6-1		282.994019
PUBLIC-AE	CSH2CTRT	Cesium dihydrogen citrate	C6H7CsO7		324.02359
PUBLIC-AE	CSH2PO4	Cesium dihydrogen orthophosphate	CsH2O4P		229.8927
PUBLIC-AE	CSHF2	Cesium hydrogen difluoride	CsF2H		171.910172
PUBLIC-AE	CSI	Cesium iodide	CsI	7789-17-5	259.810394
PUBLIC-AE	CSIE96SOL				847.190979
PUBLIC-AE	CSION	Cesium ion(+1)	Cs+1		132.905396
PUBLIC-AE	CSNBO3	Cesium niobate	CsNbO3		273.809998
PUBLIC-AE	CSNO2	Cesium nitrite	CsNO2		178.910904
PUBLIC-AE	CSNO3	Cesium nitrate	CsNO3	7789-18-6	194.910294
PUBLIC-AE	CSOH	Cesium hydroxide	CsHO	21351-79-1	149.912766
PUBLIC-AE	CSOH.1H2O	Cesium hydroxide monohydrate	CsH3O2		167.928116
PUBLIC-AE	CSPS10SOL				340.904999
PUBLIC-AE	CSPS12SOL				347.904999
PUBLIC-AE	CSPS16SOL				359.904999
PUBLIC-AE	CSPS20SOL				379.904999
PUBLIC-AE	CSPS4SOL				322.904999
PUBLIC-AE	CSPS6SOL				328.904999
PUBLIC-AE	CSPS8SOL				334.904999
PUBLIC-AE	CSSO4ION	Cesium monosulfate ion(-1)	CsO4S-1		228.968994
PUBLIC-AE	CSTA03	Cesium tantalate	CsO3Ta		361.851501
PUBLIC-AE	CSTCVII04	Cesium pertechnetate	CsO4Tc		295.809265
PUBLIC-AE	CSTILBEN	(Z)-1,2-Diphenylethene	C14H12	645-49-8	180.251038
PUBLIC-AE	CT24HXDIEN	cis,trans-2,4-Hexadiene	C6H10	5194-50-3	82.146301
PUBLIC-AE	CU2DTPAION	Dicopper(II) DTPA ion(-1)	C14H18Cu2N3O10-1		515.404968
PUBLIC-AE	CU2O	Copper(I) oxide	Cu2O	1317-39-1	143.0914
PUBLIC-AE	CU2SE	Copper(I) selenide	Cu2Se		206.052002
PUBLIC-AE	CU3PO42	Copper(II) phosphate	Cu3O8P2	7798-23-4	380.580719
PUBLIC-AE	CU3PO42.2H2O	Copper(II) orthophosphate dihydrate	Cu3H4O10P2		416.611389
PUBLIC-AE	CU3PO42.3H2O	Copper(II) orthophosphate trihydrate	Cu3H6O11P2		434.62674
PUBLIC-AE	CUACET2	Copper(II) acetate	C4H6CuO4		181.635818
PUBLIC-AE	CUACET3ION	Copper(II) triacetate ion(-1)	C6H9CuO6-1		240.680725
PUBLIC-AE	CUACETION	Copper(II) monoacetate ion(+1)	C2H3CuO2+1		122.590912
PUBLIC-AE	CUALAN2	Copper(II) di(L-alpha-alanine)	C6H12CuN2O4		239.719238
PUBLIC-AE	CUALANION	Copper(II) mono(L-alpha-alanine) ion(+1)	C3H6CuNO2+1		151.632614
PUBLIC-AE	CUBR2	Copper(II) bromide	Br2Cu	7789-45-9	223.354004
PUBLIC-AE	CUBR2.4H2O	Copper(II) bromide tetrahydrate	Br2CuH8O4		295.415375
PUBLIC-AE	CUBRION	Copper(II) monobromide ion(+1)	BrCu+1		143.449997
PUBLIC-AE	CUC2O4	Copper(II) oxalate	C2CuO4	814-91-5	151.565796
PUBLIC-AE	CUC2O42ION	Copper(II) dioxalate ion(-2)	C4CuO8-2		239.585602
PUBLIC-AE	CUCL	Copper(I) chloride	ClCu	7758-89-6	98.999001
PUBLIC-AE	CUCL2	Copper(II) chloride	Cl2Cu	7447-39-4	134.451996
PUBLIC-AE	CUCL2.2H2O	Copper(II) chloride dihydrate	Cl2CuH4O2	10125-13-0	170.482681
PUBLIC-AE	CUCL3ION	Copper(II) trichloride ion(-1)	Cl3Cu-1		169.904999
PUBLIC-AE	CUCLION	Copper(II) monochloride ion(+1)	ClCu+1		98.999001

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CUCN2	Copper(II) cyanide	C2CuN2	4367-08-2	115.581596
PUBLIC-AE	CUCO3	Copper(II) carbonate	CCuO3		123.555298
PUBLIC-AE	CUCO32ION	Copper(II) dicarbonate ion(-2)	C2CuO6-2		183.564606
PUBLIC-AE	CUCOOH2	Copper(II) formate	C2H2CuO4		153.581741
PUBLIC-AE	CUCOOHION	Copper(II) monoformate ion(+1)	CHCuO2+1		108.563873
PUBLIC-AE	CUCTRTION	Copper(II) citrate ion(-1)	C6H5CuO7-1		252.648254
PUBLIC-AE	CUDEXH2ION	Copper(II) di(N,N-diethanolamine) ion(+2)	C8H22CuN2O4+2		273.821136
PUBLIC-AE	CUDEXH3ION	Copper(II) tri(N,N-diethanolamine) ion(+2)	C12H33CuN3O6+2		378.95871
PUBLIC-AE	CUDEXH4ION	Copper(II) tetra(N,N-diethanolamine) ion(+2)	C16H44CuN4O8+2		484.096283
PUBLIC-AE	CUDEXHION	Copper(II) mono(N,N-diethanolamine) ion(+2)	C4H11CuNO2+2		168.683563
PUBLIC-AE	CUDTPAION	Copper(II) DTPA ion(-3)	C14H18CuN3O10-3		451.858948
PUBLIC-AE	CUEDA2ION	Copper(II) diethylenediamine ion(+2)	C4H16CuN4+2		183.74472
PUBLIC-AE	CUEDAION	Copper(II) monoethylenediamine ion(+2)	C2H8CuN2+2		123.645363
PUBLIC-AE	CUEDAION	Copper(II) mono-EDTA ion(-2)	C10H12CuN2O8-2		351.76123
PUBLIC-AE	CUEL	Copper	Cu	7440-50-8	63.546001
PUBLIC-AE	CUF	Copper(I) fluoride	CuF		82.544403
PUBLIC-AE	CUF2	Copper(II) fluoride	CuF2	7789-19-7	101.542809
PUBLIC-AE	CUGLYCIN2	Copper(II) diglycine	C4H8CuN2O4		211.665161
PUBLIC-AE	CUGLYCINION	Copper(II) monoglycine ion(+1)	C2H4CuNO2+1		137.605576
PUBLIC-AE	CUGLYCOL2	Copper(II) glycolate	C4H6CuO6		213.634613
PUBLIC-AE	CUGLYCOLION	Copper(II) monoglycolate ion(+1)	C2H3CuO3+1		138.590317
PUBLIC-AE	CUH2CTRITION	Copper(II) dihydrogen citrate ion(+1)	C6H7CuO7+1		254.664185
PUBLIC-AE	CUH2DTPAION	Copper(II) dihydrogen DTPA ion(-1)	C14H20CuN3O10-1		453.874908
PUBLIC-AE	CUH2EDTA	Copper(II) dihydrogen EDTA	C10CuH14N2O8		353.777191
PUBLIC-AE	CUH2PO42	Copper(II) dihydrogen orthophosphate	CuH4O8P2		257.520599
PUBLIC-AE	CUH3DTPA	Copper(II) trihydrogen DTPA	C14H21CuN3O10		454.882874
PUBLIC-AE	CUHCTRT	Copper(II) hydrogen citrate	C6H6CuO7		253.656219
PUBLIC-AE	CUHDTPAION	Copper(II) hydrogen DTPA ion(-2)	C14H19CuN3O10-2		452.866943
PUBLIC-AE	CUHEDTAION	Copper(II) hydrogen EDTA ion(-1)	C10H13CuN2O8-1		352.769196
PUBLIC-AE	CUHNATA	Copper(II) hydrogen NTA	C6H7CuNO6		252.671494
PUBLIC-AE	CUI2S	Copper(I) sulfide	Cu2S	22205-45-4	159.158005
PUBLIC-AE	CUIBR	Copper(I) bromide	BrCu	7787-70-4	143.449997
PUBLIC-AE	CUICN	Copper(I) cyanide	CCuN	544-92-3	89.563797
PUBLIC-AE	CUICN2ION	Copper(I) dicyanide ion(-1)	C2CuN2-1		115.581596
PUBLIC-AE	CUICN3ION	Copper(I) tricyanide ion(-2)	C3CuN3-2		141.599396
PUBLIC-AE	CUICN4ION	Copper(I) tetracyanide ion(-3)	C4CuN4-3		167.617203
PUBLIC-AE	CUII	Copper(I) iodide	CuI	7681-65-4	190.451004
PUBLIC-AE	CUIION	Copper ion(+1)	Cu+1		63.546001
PUBLIC-AE	CUIOH	Copper(I) hydroxide	CuHO		80.553368
PUBLIC-AE	CUION	Copper(II) ion(+2)	Cu+2		63.546001
PUBLIC-AE	CUMDEXH2ION	Copper(II) di(diethanolmethylamine) ion(+2)	C10H26CuN2O4+2		301.875214
PUBLIC-AE	CUMDEXH3ION	Copper(II) tri(diethanolmethylamine) ion(+2)	C15H39CuN3O6+2		421.039825
PUBLIC-AE	CUMDEXH4ION	Copper(II) tetra(diethanolmethylamine) ion(+2)	C20H52CuN4O8+2		540.204468
PUBLIC-AE	CUMDEXHION	Copper(II) monodiethanolmethylamine ion(+2)	C5H13CuNO2+2		182.710617
PUBLIC-AE	CUMENE	Isopropylbenzene	C9H12	98-82-8	120.195541
PUBLIC-AE	CUMEXH2ION	Copper(II) di(2-aminoethanol) ion(+2)	C4H14CuN2O2+2		185.714188
PUBLIC-AE	CUMEXH3ION	Copper(II) tri(2-aminoethanol) ion(+2)	C6H21CuN3O3+2		246.798264
PUBLIC-AE	CUMEXH4ION	Copper(II) tetra(2-aminoethanol) ion(+2)	C8H28CuN4O4+2		307.882355
PUBLIC-AE	CUMEXHION	Copper(II) mono(2-aminoethanol) ion(+2)	C2H7CuNO+2		124.630089
PUBLIC-AE	CUMOO4	Copper(II) molybdate	CuMoO4	13767-34-5	223.483597

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CUMTONITE	Cumtonite	H2Mg7O24Si8		780.820557
PUBLIC-AE	CUNH32ION	Copper(II) diammonia ion(+2)	CuH6N2+2		97.607224
PUBLIC-AE	CUNH33ION	Copper(II) triammonia ion(+2)	CuH9N3+2		114.637833
PUBLIC-AE	CUNH34ION	Copper(II) tetraammonia ion(+2)	CuH12N4+2		131.668442
PUBLIC-AE	CUNH35ION	Copper(II) pentaammonia ion(+2)	CuH15N5+2		148.699051
PUBLIC-AE	CUNH3ION	Copper(II) monoammonia ion(+2)	CuH3N+2		80.576607
PUBLIC-AE	CUNO22	Copper(II) nitrite	CuN2O4		155.557007
PUBLIC-AE	CUNO2ION	Copper(II) mononitrite ion(+1)	CuNO2+1		109.551498
PUBLIC-AE	CUNO32	Copper(II) nitrate	CuN2O6		187.555801
PUBLIC-AE	CUNO32.2.5H2O	Copper(II) nitrate 2.5 hydrate	CuH5N2O8.5		232.594147
PUBLIC-AE	CUNO32.6H2O	Copper(II) nitrate hexahydrate	CuH12N2O12		295.647827
PUBLIC-AE	CUNO3ION	Copper(II) mononitrate ion(+1)	CuNO3+1		125.550903
PUBLIC-AE	CUNTA2ION	Copper(II) di-NTA ion(-4)	C12H12CuN2O12-4		439.781036
PUBLIC-AE	CUNTAION	Copper(II) mono-NTA ion(-1)	C6H6CuNO6-1		251.663513
PUBLIC-AE	CUOH2	Copper(II) hydroxide	CuH2O2	20427-59-2	97.560738
PUBLIC-AE	CUOH3ION	Copper(II) trihydroxide ion(-1)	CuH3O3-1		114.568108
PUBLIC-AE	CUOH4ION	Copper(II) tetrahydroxide ion(-2)	CuH4O4-2		131.575485
PUBLIC-AE	CUOHEDTAION	Copper(II) hydroxide EDTA ion(-3)	C10H13CuN2O9-3		368.768616
PUBLIC-AE	CUOHION	Copper(II) monohydroxide ion(+1)	CuHO+1		80.553368
PUBLIC-AE	CUOHNTAION	Copper(II) hydroxide NTA ion(-2)	C6H7CuNO7-2		268.670898
PUBLIC-AE	CUPIPERAZI2ION	Copper(II) dipiperazine ion(+2)	C8CuH20N4+2		235.820999
PUBLIC-AE	CUPIPERAZI3ION	Copper(II) tripiperazine ion(+2)	C12CuH30N6+2		321.958496
PUBLIC-AE	CUPIPERAZI4ION	Copper(II) tetrapiperazine ion(+2)	C16CuH40N8+2		408.096008
PUBLIC-AE	CUPIPERAZINION	Copper(II) piperazine ion(+2)	C4CuH10N2+2		149.683502
PUBLIC-AE	CUS	Copper(II) sulfide	CuS	1317-40-4	95.612
PUBLIC-AE	CUSCN2	Copper(II) thiocyanate	C2CuN2S2		179.713593
PUBLIC-AE	CUSCN3ION	Copper(II) trithiocyanate ion(-1)	C3CuN3S3-1		237.797394
PUBLIC-AE	CUSCN4ION	Copper(II) tetrathiocyanate ion(-2)	C4CuN4S4-2		295.881195
PUBLIC-AE	CUSCNION	Copper(II) monothiocyanate ion(+1)	CCuNS+1		121.629799
PUBLIC-AE	CUSEO3	Copper(II) selenite	CuO3Se	10214-40-1	190.504196
PUBLIC-AE	CUSEO3.2H2O	Copper(II) selenite dihydrate	CuH4O5Se		226.534882
PUBLIC-AE	CUSEO4	Copper(II) selenate	CuO4Se	15123-69-0	206.503601
PUBLIC-AE	CUSEO4.5H2O	Copper(II) selenate pentahydrate	CuH10O9Se		296.580292
PUBLIC-AE	CUSO4	Copper(II) sulfate	CuO4S	7758-98-7	159.609604
PUBLIC-AE	CUSO4.3H2O	Copper(II) sulfate trihydrate	CuH6O7S		213.655624
PUBLIC-AE	CUSO4.5H2O	Copper(II) sulfate pentahydrate	CuH10O9S		249.686295
PUBLIC-AE	CUTEXH2ION	Copper(II) di(triethanolamine) ion(+2)	C12H30CuN2O6+2		361.928101
PUBLIC-AE	CUTEXHION	Copper(II) mono(triethanolamine) ion(+2)	C6H15CuNO3+2		212.737045
PUBLIC-AE	CUTRTRT	Copper(II) tartrate	C4H4CuO6		211.618683
PUBLIC-AE	CUWO4	Copper(II) tungstate	CuO4W	13587-35-4	311.393585
PUBLIC-AE	CYACETAMD	Cyanoacetamide	C3H4N2O	107-91-5	84.07798
PUBLIC-AE	CYANOGEN	Cyanogen	C2N2	460-19-5	52.035599
PUBLIC-AE	CYANOGENCL	Cyanogen chloride	CCIN	506-77-4	61.470798
PUBLIC-AE	CYCBUTAN	Cyclobutane	C4H8	287-23-0	56.108158
PUBLIC-AE	CYCLHEXAMN	Cyclohexanamine	C6H13N	108-91-8	99.17691
PUBLIC-AE	CYCLHEXNON	Cyclohexanone	C6H10O	108-94-1	98.145699
PUBLIC-AE	CYCLOHEXAN	Cyclohexane	C6H12	110-82-7	84.162239
PUBLIC-AE	CYCLOHEXEN	Cyclohexene	C6H10	110-83-8	82.146301
PUBLIC-AE	CYCLOPNTAN	Cyclopentane	C5H10	287-92-3	70.135201
PUBLIC-AE	CYCLPRPN	Cyclopropane	C3H6	75-19-4	42.08112

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	CYMENEP	p-Cymene	C10H14	99-87-6	134.22258
PUBLIC-AE	CYPNTNOL	Cyclopentanol	C5H10O	96-41-3	86.134598
PUBLIC-AE	DALLYLMAL	Diallyl maleate	C10H12O4	999-21-3	196.204239
PUBLIC-AE	DAMBZNIC35	3,5-Diaminobenzoic acid	C7H8N2O2	535-87-5	152.153656
PUBLIC-AE	DAMNDNTL	2,3-Diaminomaleonitrile	C4H4N4	1187-42-4	108.103081
PUBLIC-AE	DAPHNIT14A	Pentairon dialuminum trisilicon decaoxide octahydroxide	Al2Fe5H8O18Si3		713.507568
PUBLIC-AE	DBANTHAH	Dibenzo[a,h]anthracene	C22H14	53-70-3	278.355774
PUBLIC-AE	DBNZETH	Benzyl ether	C14H14O	103-50-4	198.266373
PUBLIC-AE	DBNZFURAN	Dibenzofuran	C12H8O	132-64-9	168.196365
PUBLIC-AE	DBNZPYRAE	Dibenzo[a,e]pyrene	C24H14	192-65-4	302.377991
PUBLIC-AE	DBNZPYRAL	Dibenzo[a,l]pyrene	C24H14	191-30-0	302.377991
PUBLIC-AE	DBPYRAH	Dibenzo[a,h]pyrene	C24H14	189-64-0	302.377991
PUBLIC-AE	DBPYRAI	Dibenzo[b,h]pyrene	C24H14	189-55-9	302.377991
PUBLIC-AE	DBRE12	1,2-Dibromoethane	C2H4Br2	106-93-4	187.862076
PUBLIC-AE	DBRMETHN	Dibromomethane	CH2Br2	74-95-3	173.835037
PUBLIC-AE	DBTHIOPHE	Dibenzothiophene	C12H8S	132-65-0	184.262955
PUBLIC-AE	DBUACET24	2-(2,4-Dichlorophenoxy)butylacetate	C12H14Cl2O3	94-80-4	277.148987
PUBLIC-AE	DBUMALEAT	Dibutyl maleate	C12H20O4	105-76-0	228.290207
PUBLIC-AE	DBUOXETEST	2-Butoxyethyl-2-(2,4-dichlorophenoxy)acetate	C14H18Cl2O4	1929-73-3	321.202454
PUBLIC-AE	DBUSEBACAT	Dibutyl sebacate	C18H34O4	109-43-3	314.468384
PUBLIC-AE	DCHXYLAMN	Dicyclohexylamine	C12H23N	101-83-7	181.323212
PUBLIC-AE	DCLBN23	2,3-Dichlorobutane	C4H8Cl2	7581-97-7	127.01416
PUBLIC-AE	DCLBUTE142	1,4-Dichloro-trans-2-butene	C4H6Cl2	110-57-6	124.998222
PUBLIC-AE	DCLCROES24	2-(2,4-Dichlorophenoxy)-4-chloro-2-butenyl acetate	C12H11Cl3O3	2971-38-2	309.578064
PUBLIC-AE	DCLETC12	cis-1,2-Dichloroethylene	C2H2Cl2	156-59-2	96.944138
PUBLIC-AE	DCLETE11	1,1-Dichloroethylene	C2H2Cl2	75-35-4	96.944138
PUBLIC-AE	DCLMETHN	Dichloromethane	CH2Cl2	75-09-2	84.933037
PUBLIC-AE	DCLPRP12	1,2-Dichloropropane	C3H6Cl2	78-87-5	112.987122
PUBLIC-AE	DCPNTDIEN	Dicyclopentadiene	C10H12	77-73-6	132.206635
PUBLIC-AE	DDD44	1,1-Bis(4-chlorophenyl)-2,2-dichloroethane	C14H10Cl4	72-54-8	320.047089
PUBLIC-AE	DDE44	4,4'-DDE	C14H8Cl4	72-55-9	318.031158
PUBLIC-AE	DDECYLBZ	Dodecylbenzene	C18H30	123-01-3	246.438904
PUBLIC-AE	DDT24	2,4'-DDT	C14H9Cl5	789-02-6	354.492126
PUBLIC-AE	DDT44	p,p'-DDT	C14H9Cl5	50-29-3	354.492126
PUBLIC-AE	DECANAL1	Decanal	C10H20O	112-31-2	156.269806
PUBLIC-AE	DECANION	Decanoate ion(-1)	C10H19O2-1		171.26123
PUBLIC-AE	DECANOL1	1-Decanol	C10H22O	112-30-1	158.285736
PUBLIC-AE	DECEN1	1-Decene	C10H20	872-05-9	140.270401
PUBLIC-AE	DECNOICACI	1-Nonanecarboxylic acid	C10H20O2	334-48-5	172.269196
PUBLIC-AE	DECYLAMN	1-Decylamine	C10H23N	2016-57-1	157.30101
PUBLIC-AE	DECYLBZ	n-Decylbenzene	C16H26	104-72-3	218.384827
PUBLIC-AE	DECYLCHXN	1-Decylcyclohexane	C16H32	1795-16-0	224.432632
PUBLIC-AE	DECYLNAPH1	1-Decylnaphthalene	C20H28	26438-27-7	268.44516
PUBLIC-AE	DEGEACET	2-(2-Ethoxyethoxy)ethyl acetate	C8H16O4	112-15-2	176.213913
PUBLIC-AE	DELTABHC	delta-1,2,3,4,5,6-Hexachlorocyclohexane	C6H6Cl6	319-86-8	290.832428
PUBLIC-AE	DEGLYBUET	bis(2-Butoxyethyl) ether	C12H26O3	112-73-2	218.338623
PUBLIC-AE	DEGLYDEET	bis(2-Ethoxyethyl) ether	C8H18O3	112-36-7	162.230453
PUBLIC-AE	DETMALEAT	Diethyl maleate	C8H12O4	141-05-9	172.182037
PUBLIC-AE	DETPENTN33	3,3-Diethylpentane	C9H20	1067-20-5	128.259293
PUBLIC-AE	DETSUCCINT	Diethyl succinate	C8H14O4	123-25-1	174.197983

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	DEXCO2ION	N,N-Diethanolamine carboxylate ion(-1)	C5H10NO4-1		148.139496
PUBLIC-AE	DEXH	N,N-Diethanolamine	C4H11NO2	111-42-2	105.137573
PUBLIC-AE	DEXH2ION	Hydrogen N,N-diethanolamine ion(+1)	C4H12NO2+1		106.145538
PUBLIC-AE	DGXCO2ION	2-Aminoethoxyethanol carboxylate ion(-1)	C5H10NO4-1		148.139496
PUBLIC-AE	DGXH	2-Aminoethoxyethanol	C4H11NO2	929-06-6	105.137573
PUBLIC-AE	DGXH2ION	Hydrogen 2-aminoethoxyethanol ion(+1)	C4H12NO2+1		106.145538
PUBLIC-AE	DHXYLADIP	Dihexyl adipate	C18H34O4	110-33-8	314.468384
PUBLIC-AE	DHXYLETH	Di-n-Hexyl ether	C12H26O	112-58-3	186.339813
PUBLIC-AE	DIACETNALC	4-Methyl-2-pentanone-4-ol	C6H12O2	123-42-2	116.161041
PUBLIC-AE	DIALLYETH	3-(2-Propeneoxy)propene	C6H10O	557-40-4	98.145699
PUBLIC-AE	DIALLYLAMN	N,N-Diallylamine	C6H11N	124-02-7	97.160973
PUBLIC-AE	DIBE	Diisobutylphthalate	C16H22O4	84-69-5	278.350525
PUBLIC-AE	DIBUETHER	Di-n-Butyl ether	C8H18O	142-96-1	130.231659
PUBLIC-AE	DIBUTYAMN	Di-n-Butylamine	C8H19N	111-92-2	129.246933
PUBLIC-AE	DIBUTYPHTL	Di-n-Butyl phthalate	C16H22O4	84-74-2	278.350525
PUBLIC-AE	DICAMBA	3,6-Dichloro-2-methoxybenzoic acid	C8H6Cl2O3	1918-00-9	221.040817
PUBLIC-AE	DICHLBENIL	2,6-Dichlorobenzonitrile	C7H3Cl2N	1194-65-6	172.014313
PUBLIC-AE	DICHLONE	2,3-Dichloro-1,4-naphthalenedione	C10H4Cl2O2	117-80-6	227.047684
PUBLIC-AE	DICKITE	Dialuminum silicon pentaoxide tetrahydroxide	Al2H4O9Si2		258.160553
PUBLIC-AE	DICLDFLME	Dichlorodifluoromethane	CCl2F2	75-71-8	120.913902
PUBLIC-AE	DICLETETH2	Di(2-chloroethyl) oxide	C4H8Cl2O	111-44-4	143.013565
PUBLIC-AE	DICLPRP13	1,3-Dichloropropane	C3H6Cl2	142-28-9	112.987122
PUBLIC-AE	DICLTOLU24	2,4-Dichlorotoluene	C7H6Cl2	95-73-8	161.031525
PUBLIC-AE	DICOFOL	1,1-Bis(p-chlorophenyl)-2,2,2-trichloroethanol	C14H9Cl5O	115-32-2	370.491516
PUBLIC-AE	DIDECYLPHT	Diisodecyl phthalate	C28H46O4	26761-40-0	446.675018
PUBLIC-AE	DIELDRINE	Aldrin epoxide	C12H8Cl6O	60-57-1	380.914368
PUBLIC-AE	DIETAHION	Hydrogen N,N-diethylamine ion(+1)	C4H12N+1		74.146744
PUBLIC-AE	DIETBNZ12	1,2-Diethylbenzene	C10H14	135-01-3	134.22258
PUBLIC-AE	DIETHYLAMN	N,N-Diethylamine	C4H11N	109-89-7	73.138771
PUBLIC-AE	DIETOXTN12	1,2-Diethoxyethane	C6H14O2	629-14-1	118.176979
PUBLIC-AE	DIETPHTL	Diethyl-o-phthalate	C12H14O4	84-66-2	222.242386
PUBLIC-AE	DIIBUAMN	Diisobutylamine	C8H19N	110-96-3	129.246933
PUBLIC-AE	DIIBUKETON	Diisobutyl ketone	C9H18O	108-83-8	142.242767
PUBLIC-AE	DIIMETHN	Diiodomethane	CH2I2	75-11-6	267.837036
PUBLIC-AE	DIIPRAMHION	Hydrogen diisopropylamine ion(+1)	C6H16N+1		102.200821
PUBLIC-AE	DIIPROPAMN	Diisopropylamine	C6H15N	108-18-9	101.192848
PUBLIC-AE	DIMEPHNL23	2,3-Xylenol	C8H10O	526-75-0	122.1679
PUBLIC-AE	DIMEPHNL24	2,4-Xylenol	C8H10O	105-67-9	122.1679
PUBLIC-AE	DIMEPHNL25	2,5-Xylenol	C8H10O	95-87-4	122.1679
PUBLIC-AE	DIMEPHNL26	2,6-Xylenol	C8H10O	576-26-1	122.1679
PUBLIC-AE	DIMEPHTHAL	Dimethyl orthophthalate	C10H10O4	131-11-3	194.188293
PUBLIC-AE	DIMESULFOX	Dimethyl sulphoxide	C2H6OS	67-68-5	78.135422
PUBLIC-AE	DINITBNZ14	1,4-Dinitrobenzene	C6H4N2O4	100-25-4	168.109482
PUBLIC-AE	DINONYLETH	Dinonyl ether	C18H38O	2456-27-1	270.502075
PUBLIC-AE	DINOSEB	2-sec-Butyl-4,6-dinitrophenol	C10H12N2O5	88-85-7	240.217041
PUBLIC-AE	DINOTERB	2,4-Dinitro-6-tert-butylphenol	C10H12N2O5	1420-07-1	240.217041
PUBLIC-AE	DIOCTYLPHT	Diisooctyl phthalate	C24H38O4	27554-26-3	390.566864
PUBLIC-AE	DIOXANEP	1,4-Dioxane	C4H8O2	123-91-1	88.106956
PUBLIC-AE	DIPENTETH	Dipentyl ether	C10H22O	693-65-2	158.285736
PUBLIC-AE	DIPHACINON	2-(Diphenylacetyl)-1,3-indandione	C23H16O4	82-66-6	356.380432

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	DIPHENET11	1,1-Diphenylethane	C14H14	612-00-0	182.266983
PUBLIC-AE	DIPHENETH	Diphenyl ether	C12H10O	101-84-8	170.212296
PUBLIC-AE	DIPROBNZ3	m-Diisopropylbenzene	C12H18	99-62-7	162.276657
PUBLIC-AE	DIPROPETH	2-Isopropoxypropane	C6H14O	108-20-3	102.177582
PUBLIC-AE	DIPROPHE26	2,6-Diisopropylphenol	C12H18O	2078-54-8	178.276062
PUBLIC-AE	DIPXCO2ION	Diisopropanolamine carboxylate ion(-1)	C7H14NO4-1		176.193573
PUBLIC-AE	DIPXH	Diisopropanolamine	C6H15NO2	110-97-4	133.19165
PUBLIC-AE	DIPXH2ION	Hydrogen diisopropylamine ion(+1)	C6H16NO2+1		134.199615
PUBLIC-AE	DISPRPBNZP	p-Diisopropylbenzene	C12H18	100-18-5	162.276657
PUBLIC-AE	DITTBUEH	Di-tert-butyl ether	C8H18O	6163-66-2	130.231659
PUBLIC-AE	DIURON	1,1-Dimethyl-3-(3,4-dichlorophenyl)urea	C9H10Cl2N2O	330-54-1	233.098404
PUBLIC-AE	DLALANINE	DL-Alanine	C3H7NO2	302-72-7	89.094589
PUBLIC-AE	DLALANNION	DL-Alanine ion(-1)	C3H6NO2-1		88.086617
PUBLIC-AE	DLAM2BUTCD	DL-2-Aminobutyric acid	C4H9NO2	2835-81-6	103.121628
PUBLIC-AE	DLAM2BUTION	DL-2-Aminobutyric acid ion(-1)	C4H8NO2-1		102.113663
PUBLIC-AE	DLGLUTAMAC	DL-Glutamic acid	C5H9NO4	617-65-2	147.131531
PUBLIC-AE	DLILEUCINE	DL-Isoleucine	C6H13NO2	443-79-8	131.175705
PUBLIC-AE	DLILEUCNION	DL-Isoleucine ion(-1)	C6H12NO2-1		130.16774
PUBLIC-AE	DLIMONEN	D-Limonene	C10H16	5989-27-5	136.238525
PUBLIC-AE	DLMETHNION	DL-Methionine ion(-1)	C5H10NO2S-1		148.206696
PUBLIC-AE	DLPHALION	DL-3-Phenylalanine ion(-1)	C9H10NO2-1		164.185104
PUBLIC-AE	DLPHENLALN	DL-3-Phenylalanine	C9H11NO2	150-30-1	165.193069
PUBLIC-AE	DMBNZAN712	9,10-Dimethyl-1,2-benzanthracene	C20H16	57-97-6	256.349518
PUBLIC-AE	DMDPH23BU	2,3-Dimethyl-2,3-diphenyl butane	C18H22	1889-67-4	238.375137
PUBLIC-AE	DMEA	Dimethylamine	C2H7N	124-40-3	45.08469
PUBLIC-AE	DMEAHION	Hydrogen dimethylamine ion(+1)	C2H8N+1		46.092659
PUBLIC-AE	DMEAMETL	2-Dimethylaminoethanol	C4H11NO	108-01-0	89.138168
PUBLIC-AE	DMEDSFIDE	Dimethyl disulfide	C2H6S2	624-92-0	94.202019
PUBLIC-AE	DMEESTER24	Methyl (2,4-dichlorophenoxy)acetate	C9H8Cl2O3	1928-38-7	235.067856
PUBLIC-AE	DMEETHER	Dimethyl ether	C2H6O	115-10-6	46.06942
PUBLIC-AE	DMENAPH12	1,2-Dimethylnaphthalene	C12H12	573-98-8	156.228836
PUBLIC-AE	DMENAPH13	1,3-Dimethylnaphthalene	C12H12	575-41-7	156.228836
PUBLIC-AE	DMENAPH14	1,4-Dimethylnaphthalene	C12H12	571-58-4	156.228836
PUBLIC-AE	DMENAPH15	1,5-Dimethylnaphthalene	C12H12	571-61-9	156.228836
PUBLIC-AE	DMENAPH16	1,6-Dimethylnaphthalene	C12H12	575-43-9	156.228836
PUBLIC-AE	DMENAPH18	1,8-Dimethylnaphthalene	C12H12	569-41-5	156.228836
PUBLIC-AE	DMENAPH23	2,3-Dimethylnaphthalene	C12H12	581-40-8	156.228836
PUBLIC-AE	DMESFIDE	Dimethyl sulfide	C2H6S	75-18-3	62.136021
PUBLIC-AE	DMETAMHION	Hydrogen dimethylethanolamine ion(+1)	C4H12NO+1		90.146141
PUBLIC-AE	DMETPTN223	2,2-Dimethyl-3-ethylpentane	C9H20	16747-32-3	128.259293
PUBLIC-AE	DMETPTN243	2,4-Dimethyl-3-ethylpentane	C9H20	1068-87-7	128.259293
PUBLIC-AE	DMHEPTAN22	2,2-Dimethylheptane	C9H20	1071-26-7	128.259293
PUBLIC-AE	DMHEPTAN26	2,6-Dimethylheptane	C9H20	1072-05-5	128.259293
PUBLIC-AE	DMIPA	Dimethylisopropanolamine	C5H13NO	108-16-7	103.165207
PUBLIC-AE	DMIPAHION	Hydrogen dimethylisopropanolamine ion(+1)	C5H14NO+1		104.17318
PUBLIC-AE	DMIPHTALAT	Dimethyl isophthalate	C10H10O4	1459-93-4	194.188293
PUBLIC-AE	DMTEPHTHAL	Dimethyl terephthalate	C10H10O4	120-61-6	194.188293
PUBLIC-AE	DNITANIL24	2,4-Dinitroaniline	C6H5N3O4	97-02-9	183.124146
PUBLIC-AE	DNODA	Diocetyl hexadioate	C22H42O4	123-79-5	370.576538
PUBLIC-AE	DNPPOETH	n-Propyl ether	C6H14O	111-43-3	102.177582

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	DOCOSAN	Docosane	C22H46	629-97-0	310.610809
PUBLIC-AE	DOCTRIACON	n-Dotriacontane	C32H66	544-85-4	450.881226
PUBLIC-AE	DOCTYACE24	Isooctyl (2,4-dichlorophenoxy)acetate	C16H22Cl2O3	25168-26-7	333.257141
PUBLIC-AE	DOCTYLETH	Di-n-Octyl ether	C16H34O	629-82-3	242.447983
PUBLIC-AE	DODECANAL	1-Dodecanal	C12H24O	112-54-9	184.323883
PUBLIC-AE	DODECANOL1	1-Dodecanol	C12H26O	112-53-8	186.339813
PUBLIC-AE	DODECEN1	1-Dodecene	C12H24	112-41-4	168.324478
PUBLIC-AE	DODECION	Lauric acid ion(-1)	C12H23O2-1		199.315308
PUBLIC-AE	DODECYLAMN	n-Dodecylamine	C12H27N	124-22-1	185.355087
PUBLIC-AE	DOPHTH	Di-n-octyl phthalate	C24H38O4	117-84-0	390.566864
PUBLIC-AE	DPHEACELN	Diphenylacetylene	C14H10	501-65-5	178.235107
PUBLIC-AE	DPHEET12	1,2-Diphenylethane	C14H14	103-29-7	182.266983
PUBLIC-AE	DPHEME	Diphenylmethane	C13H12	101-81-5	168.239944
PUBLIC-AE	DPHEOXAC24	2,4-Dichlorophenoxyacetic acid	C8H6Cl2O3	94-75-7	221.040817
PUBLIC-AE	DPHME4PTE	4-Methyl-2,4-diphenyl-1-pentene	C18H20	6362-80-7	236.359207
PUBLIC-AE	DPRAMHION	Hydrogen n-dipropylamine ion(+1)	C6H16N+1		102.200821
PUBLIC-AE	DPRAMINE	n-Dipropylamine	C6H15N	142-84-7	101.192848
PUBLIC-AE	DPROESTE24	2-(2,4-Dichlorophenoxy)propyl acetate	C11H12Cl2O3	1928-61-6	263.121948
PUBLIC-AE	DPROMALEAT	Dipropyl cis-butenedioic acid	C10H16O4	2432-63-5	200.261115
PUBLIC-AE	DPROPHTH	Dipropyl phthalate	C14H18O4	131-16-8	250.296463
PUBLIC-AE	DSECBUETH	2,2'-Oxybisbutane	C8H18O	6863-58-7	130.231659
PUBLIC-AE	DTPAION	DTPA ion(-5)	C14H18N3O10-5		388.312958
PUBLIC-AE	DTTBUPHE24	2,4-Di-tert-butylphenol	C14H22O	96-76-4	206.330139
PUBLIC-AE	DVINYLBNZ	1,3-Diethenylbenzene	C10H10	108-57-6	130.190704
PUBLIC-AE	DY2CO33	Dysprosium(III) carbonate	C3Dy2O9		505.027893
PUBLIC-AE	DY2SO43	Dysprosium(III) sulfate	Dy2O12S3		613.190796
PUBLIC-AE	DY2SO43.8H2O	Dysprosium(III) sulfate octahydrate	Dy2H16O20S3		757.313538
PUBLIC-AE	DY2TRTRT3	Dysprosium(III) tartrate	C12H12Dy2O18		769.218018
PUBLIC-AE	DYACET2ION	Dysprosium(III) diacetate ion(+1)	C4H6DyO4+1		280.589813
PUBLIC-AE	DYACET3	Dysprosium(III) acetate	C6H9DyO6		339.634735
PUBLIC-AE	DYACETION	Dysprosium(III) monoacetate ion(+2)	C2H3DyO2+2		221.544907
PUBLIC-AE	DYCL2ION	Dysprosium(III) dichloride ion(+1)	Cl2Dy+1		233.406006
PUBLIC-AE	DYCL3	Dysprosium(III) chloride	Cl3Dy	10025-74-8	268.859009
PUBLIC-AE	DYCL4ION	Dysprosium(III) tetrachloride ion(-1)	Cl4Dy-1		304.312012
PUBLIC-AE	DYCLION	Dysprosium(III) monochloride ion(+2)	ClDy+2		197.953003
PUBLIC-AE	DYCO3ION	Dysprosium(III) carbonate ion(+1)	CDyO3+1		222.509293
PUBLIC-AE	DYCTRT	Dysprosium(III) citrate	C6H5DyO7		351.602264
PUBLIC-AE	DYDTPAION	Dysprosium(III) DTPA ion(-2)	C14H18DyN3O10-2		550.812988
PUBLIC-AE	DYEDTAION	Dysprosium(III) EDTA ion(-1)	C10H12DyN2O8-1		450.71524
PUBLIC-AE	DYEL	Dysprosium	Dy	7429-91-6	162.5
PUBLIC-AE	DYF2ION	Dysprosium(III) difluoride ion(+1)	F2Dy+1		200.496811
PUBLIC-AE	DYF3	Dysprosium(III) fluoride	DyF3		219.495209
PUBLIC-AE	DYF4ION	Dysprosium(III) tetrafluoride ion(-1)	DyF4-1		238.493607
PUBLIC-AE	DYFION	Dysprosium(III) monofluoride ion(+2)	DyF+2		181.498398
PUBLIC-AE	DYH2DTPA	Dysprosium(III) dihydrogen DTPA	C14H20DyN3O10		552.828918
PUBLIC-AE	DYH2PO4ION	Dysprosium(III) dihydrogen orthophosphate ion(+2)	DyH2O4P+2		259.487305
PUBLIC-AE	DYHCO3ION	Dysprosium(III) bicarbonate ion(+2)	CDyHO3+2		223.517273
PUBLIC-AE	DYHDTAION	Dysprosium(III) hydrogen DTPA ion(-1)	C14H19DyN3O10-1		551.820923
PUBLIC-AE	DYHEDTA	Dysprosium(III) hydrogen EDTA	C10H13DyN2O8		451.723206
PUBLIC-AE	DYION	Dysprosium ion(+3)	Dy+3		162.5

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	DYMOO4ION	Dysprosium(III) molybdate ion(+1)	DyMoO4+1		322.437592
PUBLIC-AE	DYNO33	Dysprosium(III) nitrate	DyN3O9		348.514709
PUBLIC-AE	DYNO3ION	Dysprosium(III) mononitrate ion(+2)	DyNO3+2		224.504898
PUBLIC-AE	DYNTA	Dysprosium(III) NTA	C6H6DyNO6		350.617523
PUBLIC-AE	DYNTA2ION	Dysprosium(III) di-NTA ion(-3)	C12H12DyN2O12-3		538.735046
PUBLIC-AE	DYOH2ION	Dysprosium(III) dihydroxide ion(+1)	DyH2O2+1		196.51474
PUBLIC-AE	DYOH3	Dysprosium(III) hydroxide	DyH3O3		213.52211
PUBLIC-AE	DYOH4ION	Dysprosium(III) tetrahydroxide ion(-1)	DyH4O4-1		230.52948
PUBLIC-AE	DYOHION	Dysprosium(III) monohydroxide ion(+2)	DyHO+2		179.50737
PUBLIC-AE	DYOHNTAION	Dysprosium(III) hydroxide NTA ion(-1)	C6H7DyNO7-1		367.624878
PUBLIC-AE	DYPO4	Dysprosium(III) orthophosphate	DyO4P		257.471375
PUBLIC-AE	DYPO4.2H2O	Dysprosium(III) orthophosphate dihydrate	DyH4O6P		293.502045
PUBLIC-AE	DYSO42ION	Dysprosium(III) disulfate ion(-1)	DyO8S2-1		354.627197
PUBLIC-AE	DYSO4ION	Dysprosium(III) monosulfate ion(+1)	DyO4S+1		258.563599
PUBLIC-AE	DYTRTRTION	Dysprosium(III) tartrate ion(+1)	C4H4DyO6+1		310.572693
PUBLIC-AE	EACTAT	Ethyl acetate	C4H8O2	141-78-6	88.106956
PUBLIC-AE	EBROMID	Bromoethane	C2H5Br	74-96-4	108.966049
PUBLIC-AE	ECLCHXN12	(E)-1,2-Dichlorocyclohexane	C6H10Cl2	822-86-6	153.052307
PUBLIC-AE	ECLCHXNOL4	(E)-4-Chlorocyclohexanol	C6H11ClO	29538-77-0	134.606674
PUBLIC-AE	ECLPRPEN13	(E)-1,3-Dichloro-1-propene	C3H4Cl2	10061-02-6	110.971184
PUBLIC-AE	EDRINE	Endrin	C12H8Cl6O	72-20-8	380.914368
PUBLIC-AE	EDTAION	EDTA ion(-4)	C10H12N2O8-4		288.21524
PUBLIC-AE	EETHER	Diethyl ether	C4H10O	60-29-7	74.123497
PUBLIC-AE	EFORMAT	Ethyl formate	C3H6O2	109-94-4	74.079918
PUBLIC-AE	EHXDECAT	Ethyl hexadecanoate	C18H36O2	628-97-7	284.485535
PUBLIC-AE	EICOAC1	1-Eicosanoic acid	C20H40O2	506-30-9	312.539612
PUBLIC-AE	EICOATION	1-Eicosanoic acid ion(-1)	C20H39O2-1		311.531616
PUBLIC-AE	EICOSANAL1	1-Eicosanol	C20H42O	629-96-9	298.556152
PUBLIC-AE	EICOSEN1	1-Eicosene	C20H40	3452-07-1	280.540802
PUBLIC-AE	EIODID	Ethyl iodide	C2H5I	75-03-6	155.967056
PUBLIC-AE	ELNGLINTRT	Ethandiol dinitrate	C2H4N2O6	628-96-6	152.063873
PUBLIC-AE	ENAMN2	Ethylenediamine	C2H8N2	107-15-3	60.099361
PUBLIC-AE	EPIS	Calcium dialuminum hexasilicon hexadecaoxide pentahydrate	Al2CaH10O21Si6		608.621155
PUBLIC-AE	ER2CO33	Erbium(III) carbonate	C3Er2O9		514.547913
PUBLIC-AE	ER2SO43	Erbium(III) sulfate	Er2O12S3		622.710815
PUBLIC-AE	ER2SO43.8H2O	Erbium(III) sulfate octahydrate	Er2H16O20S3		766.833496
PUBLIC-AE	ER2TRTRT3	Erbium(III) tartrate	C12H12Er2O18		778.738037
PUBLIC-AE	ERACET2ION	Erbium(III) diacetate ion(+1)	C4H6ErO4+1		285.349823
PUBLIC-AE	ERACET3	Erbium(III) acetate	C6H9ErO6		344.394745
PUBLIC-AE	ERACETION	Erbium(III) monoacetate ion(+2)	C2H3ErO2+2		226.304916
PUBLIC-AE	ERCL2ION	Erbium(III) dichloride ion(+1)	Cl2Er+1		238.166
PUBLIC-AE	ERCL3	Erbium(III) chloride	Cl3Er	10138-41-7	273.618988
PUBLIC-AE	ERCL3.6H2O	Erbium(III) chloride hexahydrate	Cl3ErH12O6		381.711029
PUBLIC-AE	ERCL4ION	Erbium(III) tetrachloride ion(-1)	Cl4Er-1		309.071991
PUBLIC-AE	ERCLION	Erbium(III) monochloride ion(+2)	ClEr+2		202.712997
PUBLIC-AE	ERCO3ION	Erbium(III) monocarbonate ion(+1)	CERAMICS-AEO3+1		227.269302
PUBLIC-AE	ERCTR	Erbium(III) citrate	C6H5ErO7		356.362244
PUBLIC-AE	ERDTPAION	Erbium(III) DTPA ion(-2)	C14H18ErN3O10-2		555.572937
PUBLIC-AE	EREDTAION	Erbium(III) EDTA ion(-1)	C10H12ErN2O8-1		455.47525
PUBLIC-AE	EREL	Erbium	Er	7440-52-0	167.259995

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ERF2ION	Erbium(III) difluoride ion(+1)	ErF2+1		205.256805
PUBLIC-AE	ERF3	Erbium(III) fluoride	ErF3	13760-83-3	224.255203
PUBLIC-AE	ERF4ION	Erbium(III) tetrafluoride ion(-1)	ErF4-1		243.253616
PUBLIC-AE	ERFION	Erbium(III) monofluoride ion(+2)	ErF+2		186.258408
PUBLIC-AE	ERH2DTPA	Erbium(III) dihydrogen DTPA	C14H20ErN3O10		557.588928
PUBLIC-AE	ERH2PO4ION	Erbium(III) dihydrogen orthophosphate ion(+2)	ErH2O4P+2		264.247314
PUBLIC-AE	ERHCO3ION	Erbium(III) bicarbonate ion(+2)	CERAMICS-AEHO3+2		228.277267
PUBLIC-AE	ERHDTPAION	Erbium(III) hydrogen DTPA ion(-1)	C14H19ErN3O10-1		556.580933
PUBLIC-AE	ERHEDTA	Erbium(III) hydrogen EDTA	C10H13ErN2O8		456.483215
PUBLIC-AE	ERION	Erbium ion (+3)	Er+3		167.259995
PUBLIC-AE	ERMOC4ION	Erbium(III) molybdate ion(+1)	ErMoO4+1		327.197601
PUBLIC-AE	ERNO33	Erbium(III) nitrate	ErN3O9		353.274689
PUBLIC-AE	ERNO3ION	Erbium(III) mononitrate ion(+2)	ErNO3+2		229.264893
PUBLIC-AE	ERNTA	Erbium(III) NTA	C6H6ErNO6		355.377533
PUBLIC-AE	ERNTA2ION	Erbium(III) di-NTA ion(-3)	C12H12ErN2O12-3		543.495056
PUBLIC-AE	EROH2ION	Erbium(III) dihydroxide ion(+1)	ErH2O2+1		201.274734
PUBLIC-AE	EROH3	Erbium(III) hydroxide	ErH3O3		218.282104
PUBLIC-AE	EROH4ION	Erbium(III) tetrahydroxide ion(-1)	ErH4O4-1		235.289474
PUBLIC-AE	EROHION	Erbium(III) monohydroxide ion(+2)	ErHO+2		184.267365
PUBLIC-AE	EROHNTAION	Erbium(III) hydroxide NTA ion(-1)	C6H7ErNO7-1		372.384888
PUBLIC-AE	ERPO4	Erbium(III) orthophosphate	ErO4P		262.231354
PUBLIC-AE	ERPO4.2H2O	Erbium(III) orthophosphate dihydrate	ErH4O6P		298.262054
PUBLIC-AE	ERSO42ION	Erbium(III) disulfate ion(-1)	ErO8S2-1		359.387207
PUBLIC-AE	ERSO4ION	Erbium(III) monosulfate ion(+1)	ErO4S+1		263.323608
PUBLIC-AE	ERTRTRTION	Erbium(III) tartrate ion(+1)	C4H4ErO6+1		315.332672
PUBLIC-AE	ERYTHRITOL	1,2,3,4-Butanetetrol	C4H10O4	149-32-6	122.121696
PUBLIC-AE	ET1BUTNOL2	2-Ethyl-1-butanol	C6H14O	97-95-0	102.177582
PUBLIC-AE	ET2HXLACET	2-Ethylhexyl acetate	C10H20O2	103-09-3	172.269196
PUBLIC-AE	ET2HXLACRY	2-Ethylhexyl acrylate	C11H20O2	103-11-7	184.280304
PUBLIC-AE	ET2HXNOL1	2-Ethyl-1-hexanol	C8H18O	104-76-7	130.231659
PUBLIC-AE	ET2SULFD	3-Thiapentane	C4H10S	352-93-2	90.190102
PUBLIC-AE	ET4NBR	Tetraethylammonium bromide	BrC8H20N		210.158905
PUBLIC-AE	ET4NCL	Tetraethylammonium chloride	C8ClH20N		165.707901
PUBLIC-AE	ET4NCLO4	Tetraethylammonium perchlorate	C8H20ClNO4		229.705505
PUBLIC-AE	ET4NI	Tetraethylammonium iodide	C8H20IN		257.159912
PUBLIC-AE	ET4NION	Tetraethylammonium ion(+1)	C8H20N+1		130.254898
PUBLIC-AE	ET4NOH	Tetraethylammonium hydroxide	C8H21NO	77-98-5	147.262268
PUBLIC-AE	ETACETYLEN	1-Butyne	C4H6	107-00-6	54.09222
PUBLIC-AE	ETACRYLATE	Ethyl acrylate	C5H8O2	140-88-5	100.118057
PUBLIC-AE	ETAMHION	Hydrogen ethylamine ion(+1)	C2H8N+1		46.092659
PUBLIC-AE	ETAMINE	Ethylamine	C2H7N	75-04-7	45.08469
PUBLIC-AE	ETBENZOAT	Ethyl benzoate	C9H10O2	93-89-0	150.178406
PUBLIC-AE	ETBNZ	Ethylbenzene	C8H10	100-41-4	106.168503
PUBLIC-AE	ETBUT1EN2	2-Ethyl-1-butene	C6H12	760-21-4	84.162239
PUBLIC-AE	ETBUTYRAC2	2-Ethylbutyric acid	C6H12O2	88-09-5	116.161041
PUBLIC-AE	ETCLACETAT	Ethyl chloroacetate	C4H7ClO2	105-39-5	122.551987
PUBLIC-AE	ETCLFORMAT	Ethyl chloroformate	C3H5ClO2	541-41-3	108.524948
PUBLIC-AE	ETCPENTAN	Ethylcyclopentane	C7H14	1640-89-7	98.189278
PUBLIC-AE	ETCYCLHEXN	Ethylcyclohexane	C8H16	1678-91-7	112.216316
PUBLIC-AE	ETDECANOAT	Ethyl tetradecanoate	C16H32O2	124-06-1	256.431427

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ETETOXPRT3	Ethyl-3-ethoxypropanoate	C7H14O3	763-69-9	146.187485
PUBLIC-AE	ETFL	Ethyl fluoride	C2H5F	353-36-6	48.060452
PUBLIC-AE	ETHANOL	Ethanol	C2H6O	64-17-5	46.06942
PUBLIC-AE	ETHEGLYCOL	1,2-Ethanediol	C2H6O2	107-21-1	62.068821
PUBLIC-AE	ETHEPTAN3	3-Ethylheptane	C9H20	15869-80-4	128.259293
PUBLIC-AE	ETHEX1EN2	2-Ethyl-1-hexene	C8H16	1632-16-2	112.216316
PUBLIC-AE	ETHEXAL2	2-Ethylhexanal	C8H16O	123-05-7	128.215714
PUBLIC-AE	ETHXAN3	3-Ethylhexane	C8H18	619-99-8	114.232262
PUBLIC-AE	ETHYLENOXD	1,2-Epoxyethane	C2H4O	75-21-8	44.053478
PUBLIC-AE	ETHYNYLBNZ	Ethynylbenzene	C8H6	536-74-3	102.13662
PUBLIC-AE	ETIBUTYRAT	Ethyl 2-methylpropanoate	C6H12O2	97-62-1	116.161041
PUBLIC-AE	ETIPROPKET	Ethyl isopropyl ketone	C6H12O	565-69-5	100.161636
PUBLIC-AE	ETLACTAT	DL-Ethyl lactate	C5H10O3	97-64-3	118.1334
PUBLIC-AE	ETLN2GLM2E	bis(2-Methoxyethyl) ether	C6H14O3	111-96-6	134.176376
PUBLIC-AE	ETMCAPTAN	Ethanethiol	C2H6S	75-08-1	62.136021
PUBLIC-AE	ETMEACRYL	Ethyl methacrylate	C6H10O2	97-63-2	114.145103
PUBLIC-AE	ETMXYLEN2	2-Ethyl-1,3-dimethylbenzene	C10H14	2870-04-4	134.22258
PUBLIC-AE	ETMXYLEN4	4-Ethyl-m-xylene	C10H14	874-41-9	134.22258
PUBLIC-AE	ETMXYLEN5	5-Ethyl-m-xylene	C10H14	934-74-7	134.22258
PUBLIC-AE	ETNAPH1	1-Ethyl-naphthalene	C12H12	1127-76-0	156.228836
PUBLIC-AE	ETNAPH2	2-Ethyl-naphthalene	C12H12	939-27-5	156.228836
PUBLIC-AE	ETNBUTYRAT	Ethyl n-butanoate	C6H12O2	105-54-4	116.161041
PUBLIC-AE	ETOXYLEN4	4-Ethyl-o-xylene	C10H14	934-80-5	134.22258
PUBLIC-AE	ETOXYLENE3	1,2-Dimethyl-3-ethylbenzene	C10H14	933-98-2	134.22258
PUBLIC-AE	ETPENTAN3	3-Ethylpentane	C7H16	617-78-7	100.205223
PUBLIC-AE	ETPENTEN2	2-Ethyl-1-pentene	C7H14	3404-71-5	98.189278
PUBLIC-AE	ETPENTEN3	3-Ethyl-1-pentene	C7H14	4038-04-4	98.189278
PUBLIC-AE	ETPHENOLP	4-Ethylphenol	C8H10O	123-07-9	122.1679
PUBLIC-AE	ETPHENYL1	sec-Phenethyl alcohol	C8H10O	98-85-1	122.1679
PUBLIC-AE	ETPROP NAT	Ethyl propanoate	C5H10O2	105-37-3	102.134003
PUBLIC-AE	ETPXYLEN2	2-Ethyl-1,4-dimethylbenzene	C10H14	1758-88-9	134.22258
PUBLIC-AE	ETRESORCNL	4-Ethyl-1,3-dihydroxybenzene	C8H10O2	2896-60-8	138.167297
PUBLIC-AE	ETTOLUENEP	4-Ethyltoluene	C9H12	622-96-8	120.195541
PUBLIC-AE	ETVINETHER	Ethoxyethene	C4H8O	109-92-2	72.107559
PUBLIC-AE	EU2C2O43	Europium(III) oxalate	C6Eu2O12		567.97937
PUBLIC-AE	EU2CO33	Europium(III) carbonate	C3Eu2O9		483.947906
PUBLIC-AE	EU2MOO43	Europium(III) molybdate(VI)	Eu2(MoO4)3		783.732788
PUBLIC-AE	EU2MOO43.2H2O	Europium(III) molybdate(VI) dihydrate	Eu2H4Mo3O14		819.763489
PUBLIC-AE	EU2SO43	Europium(III) sulfate	Eu2O12S3		592.110779
PUBLIC-AE	EU2SO43.8H2O	Europium(III) sulfate octahydrate	Eu2H16O20S3		736.233521
PUBLIC-AE	EU2TRTRT3	Europium(III) tartrate	C12H12Eu2O18		748.138062
PUBLIC-AE	EUACET2ION	Europium(III) diacetate ion(+1)	C4H6EuO4+1		270.049835
PUBLIC-AE	EUACET3	Europium(III) acetate	C6H9EuO6		329.094727
PUBLIC-AE	EUACETION	Europium(III) monoacetate ion(+2)	C2H3EuO2+2		211.004913
PUBLIC-AE	EUBR3	Europium(III) bromide	Br3Eu		391.671997
PUBLIC-AE	EUBRION	Europium(III) monobromide ion(+2)	BrEu+2		231.863998
PUBLIC-AE	EUC2O42ION	Europium(III) dioxalate ion(-1)	C4EuO8-1		327.999603
PUBLIC-AE	EUC2O4ION	Europium(III) monooxalate(+1)	C2EuO4+1		239.979797
PUBLIC-AE	EUCL2ION	Europium(III) dichloride ion(+1)	Cl2Eu+1		222.865997
PUBLIC-AE	EUCL3	Europium(III) chloride	Cl3Eu	10025-76-0	258.319

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	EUCL3.6H2O	Europium(III) chloride hexahydrate	Cl3EuH12O6		366.411041
PUBLIC-AE	EUCL4ION	Europium(III) tetrachloride ion(-1)	Cl4Eu-1		293.772003
PUBLIC-AE	EUCLION	Europium(III) monochloride ion(+2)	ClEu+2		187.412994
PUBLIC-AE	EUCO3ION	Europium(III) monocarbonate ion(+1)	CEuO3+1		211.969299
PUBLIC-AE	EUCTRT	Europium(III) citrate	C6H5EuO7		341.062256
PUBLIC-AE	EUDTPAION	Europium(III) DTPA ion(-2)	C14H18EuN3O10-2		540.272949
PUBLIC-AE	EUEDTAION	Europium(III) EDTA ion(-1)	C10H12EuN2O8-1		440.175232
PUBLIC-AE	EUEL	Europium	Eu	7440-53-1	151.960007
PUBLIC-AE	EUF2ION	Europium(III) difluoride ion(+1)	F2Eu+1		189.956802
PUBLIC-AE	EUF3	Europium(III) fluoride	EuF3		208.955215
PUBLIC-AE	EUF4ION	Europium(III) tetrafluoride ion(-1)	FuF4-1		227.953613
PUBLIC-AE	EUFION	Europium(III) fluoride ion(+2)	EuF+2		170.958405
PUBLIC-AE	EUFOR2ION	Europium(III) diformate ion(+1)	C2H2EuO4+1		241.995743
PUBLIC-AE	EUFOR3	Europium(III) formate	C3H3EuO6		287.013611
PUBLIC-AE	EUFORION	Europium(III) monoformate ion(+2)	CHEuO2+2		196.977875
PUBLIC-AE	EUH2DTPA	Europium(III) dihydrogen DTPA	C14H20EuN3O10		542.288879
PUBLIC-AE	EUH2PO4ION	Europium(III) dihydrogen orthophosphate ion(+2)	EuH2O4P+2		248.947296
PUBLIC-AE	EUHCO3ION	Europium(III) hydrogen carbonate ion(+2)	CEuHO3+2		212.977264
PUBLIC-AE	EUHDTPAION	Europium(III) hydrogen DTPA ion(-1)	C14H19EuN3O10-1		541.280945
PUBLIC-AE	EUHEDTA	Europium(III) hydrogen EDTA	C10H13EuN2O8		441.183197
PUBLIC-AE	EUIALAN2	Europium(II) di(L-alpha-alanine)	C6H12EuN2O4		328.13324
PUBLIC-AE	EUIALANION	Europium(II) mono(L-alpha-alanine) ion(+1)	C3H6EuNO2+1		240.046616
PUBLIC-AE	EUIICL2	Europium(II) chloride	Cl2Eu		222.865997
PUBLIC-AE	EUIICL3ION	Europium(II) trichloride ion(-1)	Cl3Eu-1		258.319
PUBLIC-AE	EUIICL4ION	Europium(II) tetrachloride ion(-2)	Cl4Eu-2		293.772003
PUBLIC-AE	EUIICLION	Europium(II) monochloride ion(+1)	ClEu+1		187.412994
PUBLIC-AE	EUIIF2	Europium(II) fluoride	EuF2		189.956802
PUBLIC-AE	EUIIF3ION	Europium(II) trifluoride ion(-1)	FuF3-1		208.955215
PUBLIC-AE	EUIIF4ION	Europium(II) tetrafluoride ion(-2)	FuF4-2		227.953613
PUBLIC-AE	EUIIFION	Europium(II) monofluoride ion(+1)	FuF+1		170.958405
PUBLIC-AE	EUIIFOR2	Europium(II) formate	C2H2EuO4		241.995743
PUBLIC-AE	EUIIFORION	Europium(II) monoformate ion(+1)	CHEuO2+1		196.977875
PUBLIC-AE	EUIIIION	Europium ion(+3)	Eu+3		151.960007
PUBLIC-AE	EUIIION	Europium ion(+2)	Eu+2		151.960007
PUBLIC-AE	EUIIOH2	Europium(II) hydroxide	EuH2O2		185.974747
PUBLIC-AE	EUMOO43ION	Europium(III) trimolybdate ion(-3)	EuMo3O12-3		631.772827
PUBLIC-AE	EUMOO4ION	Europium(III) molybdate ion(+1)	EuMoO4+1		311.897614
PUBLIC-AE	EUNO33	Europium(III) nitrate	EuN3O9		337.974701
PUBLIC-AE	EUNO3ION	Europium(III) mononitrate ion(+2)	EuNO3+2		213.964905
PUBLIC-AE	EUNTA	Europium(III) NTA	C6H6EuNO6		340.077515
PUBLIC-AE	EUNTA2ION	Europium(III) di-NTA ion(-3)	C12H12EuN2O12-3		528.195068
PUBLIC-AE	EUOH2ION	Europium(III) dihydroxide ion(+1)	EuH2O2+1		185.974747
PUBLIC-AE	EUOH3	Europium(III) hydroxide	EuH3O3		202.982117
PUBLIC-AE	EUOH4ION	Europium(III) tetrahydroxide ion(-1)	EuH4O4-1		219.989487
PUBLIC-AE	EUOHION	Europium(III) monohydroxide ion(+2)	EuHO+2		168.967377
PUBLIC-AE	EUOHNTAION	Europium(III) hydroxide NTA ion(-1)	C6H7EuNO7-1		357.0849
PUBLIC-AE	EUP04	Europium(III) orthophosphate	EuO4P		246.931366
PUBLIC-AE	EUP04.2H2O	Europium(III) orthophosphate dihydrate	EuH4O6P		282.962036
PUBLIC-AE	EUSO42ION	Europium(III) disulfate ion(-1)	EuO8S2-1		344.087189
PUBLIC-AE	EUSO4ION	Europium(III) monosulfate ion(+1)	EuO4S+1		248.023605

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	EUTRTRTION	Europium(III) monotartrate ion(+1)	C4H4EuO6+1		300.032684
PUBLIC-AE	EY2C2O43	Yttrium oxalate	C6O12Y2		441.871185
PUBLIC-AE	EY2MOO43	Yttrium(III) molybdate(VI)	Mo3O12Y2		657.624573
PUBLIC-AE	EY2O3	Yttrium oxide	O3Y2		225.809998
PUBLIC-AE	EY2SO43	Yttrium sulfate	O12S3Y2		466.002594
PUBLIC-AE	EY2SO43.8H2O	Yttrium sulfate octahydrate	H16O20S3Y2		610.125305
PUBLIC-AE	EY2TARTRT3	Yttrium tartrate	C12H12O18Y2		622.029846
PUBLIC-AE	EY2WO43	Yttrium tungstate(VI)	O12W3Y2		921.354614
PUBLIC-AE	EYACET2ION	Yttrium diacetate ion(+1)	C4H6O4Y+1		206.995728
PUBLIC-AE	EYACET3	Yttrium acetate	C6H9O6Y		266.040619
PUBLIC-AE	EYACETION	Yttrium monoacetate ion(+2)	C2H3O2Y+2		147.950806
PUBLIC-AE	EYB2CO33	Ytterbium(III) carbonate	C3O9Yb2		526.10791
PUBLIC-AE	EYB2SO43	Ytterbium(III) sulfate	O12S3Yb2		634.270813
PUBLIC-AE	EYB2SO43.8H2O	Ytterbium(III) sulfate octahydrate	H16O20S3Yb2		778.393494
PUBLIC-AE	EYB2TRTRT3	Ytterbium(III) tartrate	C12H12O18Yb2		920.298035
PUBLIC-AE	EYBACET2ION	Ytterbium(III) diacetate ion(+1)	C4H6O4Yb+1		291.129822
PUBLIC-AE	EYBACET3	Ytterbium(III) acetate	C6H9O6Yb		350.174744
PUBLIC-AE	EYBACETION	Ytterbium(III) monoacetate ion(+2)	C2H3O2Yb+2		232.084915
PUBLIC-AE	EYBCL2ION	Ytterbium(III) dichloride ion(+1)	Cl2Yb+1		243.945999
PUBLIC-AE	EYBCL3	Ytterbium(III) chloride	Cl3Yb	10361-91-8	279.398987
PUBLIC-AE	EYBCL3.6H2O	Ytterbium(III) chloride hexahydrate	Cl3H12O6Yb		387.491028
PUBLIC-AE	EYBCL4ION	Ytterbium(III) tetrachloride ion(-1)	Cl4Yb-1		314.85199
PUBLIC-AE	EYBCLION	Ytterbium(III) monochloride ion(+2)	ClYb+2		208.492996
PUBLIC-AE	EYBCO3ION	Ytterbium(III) carbonate ion(+1)	CO3Yb+1		233.049301
PUBLIC-AE	EYBCTRT	Ytterbium(III) citrate	C6H5O7Yb		362.142242
PUBLIC-AE	EYBDTPAION	Ytterbium(III) DTPA ion(-2)	C14H18N3O10Yb-2		561.352966
PUBLIC-AE	EYBEDTAION	Ytterbium(III) EDTA ion(-1)	C10H12N2O8Yb-1		461.255249
PUBLIC-AE	EYBEL	Ytterbium	Yb	7440-64-4	173.039993
PUBLIC-AE	EYBF2ION	Ytterbium(III) difluoride ion(+1)	F2Yb+1		211.036804
PUBLIC-AE	EYBF3	Ytterbium(III) fluoride	F3Yb		230.035202
PUBLIC-AE	EYBF4ION	Ytterbium(III) tetrafluoride ion(-1)	F4Yb-1		249.033615
PUBLIC-AE	EYBFION	Ytterbium(III) monofluoride ion(+2)	FYb+2		192.038406
PUBLIC-AE	EYBFOR2ION	Ytterbium(III) diformate ion(+1)	C2H2O4Yb+1		263.075745
PUBLIC-AE	EYBFOR3	Ytterbium(III) formate	C3H3O6Yb		308.093597
PUBLIC-AE	EYBFORION	Ytterbium(III) monoformate ion(+2)	CHO2Yb+2		218.057877
PUBLIC-AE	EYBH2DTPA	Ytterbium(III) dihydrogen DTPA	C14H20N3O10Yb		563.368896
PUBLIC-AE	EYBH2PO4ION	Ytterbium(III) dihydrogen orthophosphate ion(+2)	H2O4PYb+2		270.027313
PUBLIC-AE	EYBHCO3ION	Ytterbium(III) bicarbonate ion(+2)	CHO3Yb+2		234.057266
PUBLIC-AE	EYBHDTAION	Ytterbium(III) hydrogen DTPA ion(-1)	C14H19N3O10Yb-1		562.360901
PUBLIC-AE	EYBHEDTA	Ytterbium(III) hydrogen EDTA	C10H13N2O8Yb		462.263214
PUBLIC-AE	EYBIIION	Ytterbium ion(+3)	Yb+3		173.039993
PUBLIC-AE	EYBIIION	Ytterbium ion(+2)	Yb+2		173.039993
PUBLIC-AE	EYBIIOH2	Ytterbium(II) hydroxide	H2O2Yb		207.054733
PUBLIC-AE	EYBMOO4ION	Ytterbium(III) molybdate ion(+1)	MoO4Yb+1		332.9776
PUBLIC-AE	EYBNO33	Ytterbium(III) nitrate	N3O9Yb		359.054688
PUBLIC-AE	EYBNO3ION	Ytterbium(III) mononitrate ion(+2)	NO3Yb+2		235.044907
PUBLIC-AE	EYBNTA	Ytterbium(III) NTA	C6H6NO6Yb		361.157532
PUBLIC-AE	EYBNTA2ION	Ytterbium(III) di-NTA ion(-3)	C12H12N2O12Yb-3		549.275024
PUBLIC-AE	EYBOH2ION	Ytterbium(III) dihydroxide ion(+1)	H2O2Yb+1		207.054733
PUBLIC-AE	EYBOH3	Ytterbium(III) hydroxide	H3O3Yb		224.062103

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	EYBOH4ION	Ytterbium(III) tetrahydroxide ion(-1)	H4O4Yb-1		241.069473
PUBLIC-AE	EYBOHION	Ytterbium(III) monohydroxide ion(+2)	HOYb+2		190.047363
PUBLIC-AE	EYBOHNTAION	Ytterbium(III) hydroxide NTA ion(-1)	C6H7NO7Yb-1		378.164886
PUBLIC-AE	EYBPO4	Ytterbium(III) orthophosphate	O4PYb		268.011353
PUBLIC-AE	EYBPO4.2H2O	Ytterbium(III) orthophosphate dihydrate	H4O6PYb		304.042053
PUBLIC-AE	EYBR3	Yttrium(III) bromide	Br3Y		328.617889
PUBLIC-AE	EYBRION	Yttrium(III) monobromide ion(+2)	BrY+2		168.809906
PUBLIC-AE	EYBSO42ION	Ytterbium(III) disulfate ion(-1)	O8S2Yb-1		365.167206
PUBLIC-AE	EYBSO4ION	Ytterbium(III) monosulfate ion(+1)	O4SYb+1		269.103607
PUBLIC-AE	EYBTRTRTION	Ytterbium(III) monotartrate ion(+1)	C4H4O6Yb+1		321.112671
PUBLIC-AE	EYC2O42ION	Yttrium(III) dioxalate ion(-1)	C4O8Y-1		264.945496
PUBLIC-AE	EYC2O43ION	Yttrium(III) trioxalate ion(-3)	C6O12Y-3		352.965302
PUBLIC-AE	EYC2O4ION	Yttrium(III) monooxalate ion(+1)	C2O4Y+1		176.925705
PUBLIC-AE	EYCL3	Yttrium(III) chloride	Cl3Y		195.264893
PUBLIC-AE	EYCL3.6H2O	Yttrium(III) chloride hexahydrate	Cl3H12O6Y		303.356934
PUBLIC-AE	EYCLION	Yttrium(III) monochloride ion(+2)	ClY+2		124.358902
PUBLIC-AE	EYDTPAION	Yttrium(III) DTPA ion(-2)	C14H18N3O10Y-2		477.218872
PUBLIC-AE	EYEDTAION	Yttrium(III) EDTA ion(-1)	C10H12N2O8Y-1		377.121155
PUBLIC-AE	EYEL	Yttrium	Y	7440-65-5	88.905899
PUBLIC-AE	EYF2ION	Yttrium difluoride ion(+1)	F2Y+1		126.902702
PUBLIC-AE	EYF3	Yttrium fluoride	F3Y		145.901108
PUBLIC-AE	EYFION	Yttrium monofluoride ion(+2)	FY+2		107.904305
PUBLIC-AE	EYH2DTPA	Yttrium dihydrogen DTPA	C14H20N3O10Y		479.234802
PUBLIC-AE	EYH2PO4ION	Yttrium dihydrogen orthophosphate ion(+2)	H2O4PY+2		185.893204
PUBLIC-AE	EYHDTPAION	Yttrium hydrogen DTPA ion(-1)	C14H19N3O10Y-1		478.226837
PUBLIC-AE	EYHEDTA	Yttrium hydrogen EDTA	C10H13N2O8Y		378.12912
PUBLIC-AE	EYION	Yttrium ion(+3)	Y+3		88.905899
PUBLIC-AE	EYNO32ION	Yttrium dinitrate ion(+1)	N2O6Y+1		212.915695
PUBLIC-AE	EYNO33	Yttrium nitrate	N3O9Y		274.920593
PUBLIC-AE	EYNO3ION	Yttrium mononitrate ion(+2)	NO3Y+2		150.910797
PUBLIC-AE	EYNTA	Yttrium NTA	C6H6NO6Y		277.023407
PUBLIC-AE	EYNTA2ION	Yttrium di-NTA ion(-3)	C12H12N2O12Y-3		465.14093
PUBLIC-AE	EYOH2ION	Yttrium dihydroxide ion(+1)	H2O2Y+1		122.920639
PUBLIC-AE	EYOH3	Yttrium hydroxide	H3O3Y		139.928009
PUBLIC-AE	EYOH4ION	Yttrium tetrahydroxide ion(-1)	H4O4Y-1		156.935379
PUBLIC-AE	EYOHION	Yttrium monohydroxide ion(+2)	HOY+2		105.913269
PUBLIC-AE	EYOHNTAION	Yttrium hydroxide NTA ion(-1)	C6H7NO7Y-1		294.030792
PUBLIC-AE	EYPO4	Yttrium orthophosphate	O4PY		183.877258
PUBLIC-AE	EYPO4.2H2O	Yttrium orthophosphate dihydrate	H4O6PY		219.907944
PUBLIC-AE	EYSO42ION	Yttrium disulfate ion(-1)	O8S2Y-1		281.033112
PUBLIC-AE	EYSO4ION	Yttrium monosulfate ion(+1)	O4SY+1		184.969498
PUBLIC-AE	EYTARTRTION	Yttrium tartrate ion(+1)	C4H4O6Y+1		236.978577
PUBLIC-AE	F2	Fluorine	F2	7782-41-4	37.996807
PUBLIC-AE	FAPATITE	Fluorapatite	Ca5FO12P3		504.30249
PUBLIC-AE	FBENZENE	Fluorobenzene	C6H5F	462-06-6	96.104851
PUBLIC-AE	FE2SE2O7	Diiron(III) diselenium heptaoxide	Fe2O7Se2		381.609802
PUBLIC-AE	FE2SE3O9	Diiron(III) triselenium nonaoxide	Fe2O9Se3		492.568604
PUBLIC-AE	FE2SE3O9.1H2O	Diiron(III) triselenium nonaoxide monohydrate	Fe2H2O10Se3		510.583954
PUBLIC-AE	FE2SE3O9.3H2O	Diiron(III) triselenium nonaoxide trihydrate	Fe2H6O12Se3		546.614624
PUBLIC-AE	FE2SE3O9.7H2O	Diiron(III) triselenium nonaoxide heptahydrate	Fe2H14O16Se3		618.675964

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	FE2SE4O11.1H2O	Diiron(III) tetraselenium undecaoxide monohydrate	Fe2H2O12Se4		621.542725
PUBLIC-AE	FE2SO43	Iron(III) sulfate	Fe2O12S3	10028-22-5	399.884796
PUBLIC-AE	FE2TARTRT3	Iron(III) tartrate	C12H12Fe2O18		555.912048
PUBLIC-AE	FE4FECN63	Iron(III) hexacyanoferrate(II)	C18Fe7N18	14038-43-8	859.24939
PUBLIC-AE	FE8SEO14	Octairon(III) selenite tetradecaoxide	Fe8O14Se		749.7276
PUBLIC-AE	FEACET2	Iron(II) acetate	C4H6FeO4		173.936813
PUBLIC-AE	FEACETION	Iron(II) monoacetate ion(+1)	C2H3FeO2+1		114.891907
PUBLIC-AE	FEARSO4.2H2O	Iron(III) Arsenate dihydrate	AsFeH4O6		230.796875
PUBLIC-AE	FECL3	Iron (III) chloride	Cl3Fe	7705-08-1	162.205994
PUBLIC-AE	FECL3.2.5H2O	Iron(III) chloride 2.5 hydrate	Cl3FeH5O2.5		207.244354
PUBLIC-AE	FECL3.2H2O	Iron(III) chloride dihydrate	Cl3FeH4O2		198.236679
PUBLIC-AE	FECL3.6H2O	Iron(III) chloride hexahydrate	Cl3FeH12O6		270.298035
PUBLIC-AE	FECOOH2	Iron(II) formate	C2H2FeO4		145.882736
PUBLIC-AE	FECOOHION	Iron(II) monoformate ion(+1)	CHFeO2+1		100.864868
PUBLIC-AE	FEDTPAION	Iron(III) DTPA ion(-2)	C14H18FeN3O10-2		444.159973
PUBLIC-AE	FEEL	Iron	Fe	7439-89-6	55.847
PUBLIC-AE	FEGLYCIN2	Iron(II) glycinate	C4H8FeN2O4		203.966156
PUBLIC-AE	FEGLYCINION	Iron(II) monoglycinate ion(+1)	C2H4FeNO2+1		129.906586
PUBLIC-AE	FEH2DTPA	Iron(III) dihydrogen DTPA	C14H20FeN3O10		446.175903
PUBLIC-AE	FEHDTPAION	Iron(III) hydrogen DTPA ion(-1)	C14H19FeN3O10-1		445.167938
PUBLIC-AE	FEI12DTPAION	Diiron(II) DTPA ion(-1)	C14H18Fe2N3O10-1		500.006958
PUBLIC-AE	FEI13PO42	Iron(II) orthophosphate	Fe3O8P2	14940-41-1	357.483734
PUBLIC-AE	FEI13PO42.8H2O	Iron(II) orthophosphate octahydrate	Fe3H16O16P2		501.606445
PUBLIC-AE	FEI1ALAN2	Iron(II) di(L-alpha-alanine)	C6H12FeN2O4		232.020233
PUBLIC-AE	FEI1ALANION	Iron(II) mono(L-alpha-alanine) ion(+1)	C3H6FeNO2+1		143.933624
PUBLIC-AE	FEI1BR2	Iron(II) bromide	Br2Fe	7789-46-0	215.654999
PUBLIC-AE	FEI1BR2.2H2O	Iron(II) bromide dihydrate	Br2FeH4O2		251.685684
PUBLIC-AE	FEI1BR2.4H2O	Iron(II) bromide tetrahydrate	Br2FeH8O4		287.71637
PUBLIC-AE	FEI1BR2.6H2O	Iron(II) bromide hexahydrate	Br2FeH12O6		323.74704
PUBLIC-AE	FEI1C2O4	Iron(II) oxalate	C2FeO4		143.866806
PUBLIC-AE	FEI1C2O42ION	Iron(II) dioxalate ion(-2)	C4FeO8-2		231.886597
PUBLIC-AE	FEI1C2O43ION	Iron(II) trioxalate ion(-4)	C6FeO12-4		319.906403
PUBLIC-AE	FEI1CL2	Iron(II) chloride	Cl2Fe	7758-94-3	126.752998
PUBLIC-AE	FEI1CL2.2H2O	Iron(II) chloride dihydrate	Cl2FeH4O2	1639-77-2	162.783676
PUBLIC-AE	FEI1CL2.4H2O	Iron(II) chloride tetrahydrate	Cl2FeH8O4	13478-10-9	198.814362
PUBLIC-AE	FEI1CL2.6H2O	Iron(II) chloride hexahydrate	Cl2FeH12O6	18990-23-3	234.845047
PUBLIC-AE	FEI1CLION	Iron(II) monochloride ion(+1)	FeCl+1		91.300003
PUBLIC-AE	FEI1CN6ION	Iron(II) hexacyanide ion(-4)	C6FeN6-4		211.953796
PUBLIC-AE	FEI1CO3	Iron(II) carbonate	CFeO3		115.8563
PUBLIC-AE	FEI1CO32ION	Iron(II) dicarbonate ion(-2)	C2FeO6-2		175.865601
PUBLIC-AE	FEI1CTRION	Iron(II) citrate ion(-1)	C6H5FeO7-1		244.949249
PUBLIC-AE	FEI1DTPAION	Iron(II) DTPA ion(-3)	C14H18FeN3O10-3		444.159973
PUBLIC-AE	FEI1EDTAION	Iron(II) EDTA ion(-2)	C10H12FeN2O8-2		344.062225
PUBLIC-AE	FEI1F2	Iron(II) fluoride	F2Fe	7789-28-8	93.843803
PUBLIC-AE	FEI1GLYC2	Iron(II) glycolate	C4H6FeO6		205.935623
PUBLIC-AE	FEI1GLYCION	Iron(II) monoglycolate ion(+1)	C2H3FeO3+1		130.891312
PUBLIC-AE	FEI1H2BIC2	Iron(II) di(dihydrogen bicine)	FeC12H24N2O8		380.180084
PUBLIC-AE	FEI1H2BICION	Iron(II) dihydrogen bicine ion(+1)	FeC6H12NO4+1		218.013535
PUBLIC-AE	FEI1H2EDTA	Iron(II) dihydrogen EDTA	C10FeH14N2O8		346.078186
PUBLIC-AE	FEI1H2PO4ION	Iron(II) dihydrogen orthophosphate ion(+1)	FeH2O4P+1		152.834305

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	FEI1H3DTPA	Iron(II) trihydrogen DTPA	C14H21FeN3O10		447.183868
PUBLIC-AE	FEI1HCO3ION	Iron(II) bicarbonate ion(+1)	CHFeO3+1		116.864273
PUBLIC-AE	FEI1HCTRT	Iron(II) hydrogen citrate	C6H6FeO7		245.957214
PUBLIC-AE	FEI1HDTPAION	Iron(II) hydrogen DTPA ion(-2)	C14H19FeN3O10-2		445.167938
PUBLIC-AE	FEI1HEDTAION	Iron(II) hydrogen EDTA ion(-1)	C10H13FeN2O8-1		345.070221
PUBLIC-AE	FEI1HNNTA	Iron(II) hydrogen NTA	C6H7FeNO6		244.972488
PUBLIC-AE	FEI1HPO4	Iron(II) hydrogen orthophosphate	FeHO4P		151.826324
PUBLIC-AE	FEI1I2	Iron(II) iodide	FeI2	7783-86-0	309.657013
PUBLIC-AE	FEI1I2C2O43	Iron(III) oxalate	C6Fe2O12		375.753387
PUBLIC-AE	FEI1I2OH2ION	Diron(III) dihydroxide ion(+4)	H2Fe2O2+4		145.70874
PUBLIC-AE	FEI1IARSO4	Iron(III) Arsenate	AsFeO4		194.766205
PUBLIC-AE	FEI1IBR3	Iron(III) bromide	Br3Fe		295.55899
PUBLIC-AE	FEI1IBRION	Iron(III) monobromide ion(+2)	BrFe+2		135.751007
PUBLIC-AE	FEI1IC2O42ION	Iron(III) dioxalate ion(-1)	C4FeO8-1		231.886597
PUBLIC-AE	FEI1IC2O43ION	Iron(III) trioxalate ion(-3)	C6FeO12-3		319.906403
PUBLIC-AE	FEI1IC2O4ION	Iron(III) monooxalate ion(+1)	C2FeO4+1		143.866806
PUBLIC-AE	FEI1ICL2ION	Iron(III) dichloride ion(+1)	Cl2Fe+1		126.752998
PUBLIC-AE	FEI1ICL4ION	Iron(III) tetrachloride ion(-1)	Cl4Fe-1		197.658997
PUBLIC-AE	FEI1ICLION	Iron(III) monochloride ion(+2)	ClFe+2		91.300003
PUBLIC-AE	FEI1ICN6ION	Iron(III) hexacyanide ion(-3)	C6FeN6-3		211.953796
PUBLIC-AE	FEI1ICTRT	Iron(III) citrate	C6FeH5O7		244.949249
PUBLIC-AE	FEI1IEDTAION	Iron(III) EDTA ion(-1)	C10FeH12N2O8-1		344.062225
PUBLIC-AE	FEI1IF2ION	Iron(III) difluoride ion(+1)	F2Fe+1		93.843803
PUBLIC-AE	FEI1IF3	Iron(III) fluoride	F3Fe	7783-50-8	112.842209
PUBLIC-AE	FEI1IFION	Iron(III) monofluoride ion(+2)	FFe+2		74.845406
PUBLIC-AE	FEI1IGLYCOION	Iron(III) glycolate ion(+2)	C2H3FeO3+2		130.891312
PUBLIC-AE	FEI1IH2PO4ION	Iron(III) dihydrogen orthophosphate ion(+2)	FeH2O4P+2		152.834305
PUBLIC-AE	FEI1IHASO4ION	Iron(III) monohydrogen orthoarsenate ion(+1)	AsFeHO4+1		195.77417
PUBLIC-AE	FEI1IHC2O4ION	Iron(III) hydrogen oxalate ion(+2)	C2HFeO4+2		144.874771
PUBLIC-AE	FEI1IHEDTA	Iron(III) hydrogen EDTA	C10H13FeN2O8		345.070221
PUBLIC-AE	FEI1IHPO4ION	Iron(III) hydrogen orthophosphate ion(+1)	FeHO4P+1		151.826324
PUBLIC-AE	FEI1I2ION	Iron(III) diiodide ion(+1)	FeI2+1		309.657013
PUBLIC-AE	FEI1I3	Iron(III) iodide	FeI3		436.562012
PUBLIC-AE	FEI1IION	Iron(III) monoiodide ion(+2)	FeI+2		182.751999
PUBLIC-AE	FEI1IION	Iron ion(+3)	Fe+3		55.847
PUBLIC-AE	FEI1INO33	Iron(III) nitrate	FeN3O9	10421-48-4	241.861694
PUBLIC-AE	FEI1INO33.9H2O	Iron(III) nitrate nonahydrate	FeH18N3O18		403.999756
PUBLIC-AE	FEI1INO3ION	Iron(III) mononitrate ion(+2)	FeNO3+2		117.851898
PUBLIC-AE	FEI1IOH2ION	Iron(III) dihydroxide ion(+1)	H2FeO2+1		89.86174
PUBLIC-AE	FEI1IOH3	Iron(III) hydroxide	FeH3O3		106.86911
PUBLIC-AE	FEI1IOH4ION	Iron(III) tetrahydroxide ion(-1)	FeH4O4-1		123.87648
PUBLIC-AE	FEI1IOHION	Iron(III) monohydroxide ion(+2)	HFeO+2		72.85437
PUBLIC-AE	FEI1ION	Iron ion(+2)	Fe+2		55.847
PUBLIC-AE	FEI1IPO4	Iron(III) orthophosphate	FeO4P	10045-86-0	150.818359
PUBLIC-AE	FEI1IPO4.2H2O	Iron(III) phosphate dihydrate	FeH4O6P		186.849045
PUBLIC-AE	FEI1ISCN2ION	Iron(III) dithiocyanate ion(+1)	C2FeN2S2+1		172.014603
PUBLIC-AE	FEI1ISCN3	Iron(III) thiocyanate	C3FeN3S3		230.098404
PUBLIC-AE	FEI1ISCNION	Iron(III) monothiocyanate ion(+2)	CFeNS+2		113.930801
PUBLIC-AE	FEI1ISO4ION	Iron(III) sulfate ion(+1)	FeO4S+1		151.910599
PUBLIC-AE	FEI1ITRTRTION	Iron(III) tartrate ion(+1)	C4H4FeO6+1		203.919678

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	FEIINH33ION	Triamminoferrous ion(+2)	H9FeN3+2		106.938828
PUBLIC-AE	FEIINH34ION	Tetraamminoferrous ion(+2)	H12FeN4+2		123.969437
PUBLIC-AE	FEIINO32	Iron(II) nitrate	FeN2O6		179.856796
PUBLIC-AE	FEIINO32.6H2O	Iron(II) nitrate hexahydrate	FeH12N2O12		287.948853
PUBLIC-AE	FEIINOEDTAION	Iron(II) nitrogen monoxide EDTA ion(-2)	C10H12FeN3O9-2		374.068329
PUBLIC-AE	FEIINTAION	Iron(II) NTA ion(-1)	C6H6FeNO6-1		243.964523
PUBLIC-AE	FEIIOH2	Iron(II) hydroxide	H2FeO2		89.86174
PUBLIC-AE	FEIIOH3ION	Iron(II) trihydroxide ion(-1)	H3FeO3-1		106.86911
PUBLIC-AE	FEIIOH4ION	Iron(II) tetrahydroxide ion(-2)	FeH4O4-2		123.87648
PUBLIC-AE	FEIIOHION	Iron(II) monohydroxide ion(+1)	HFeO+1		72.85437
PUBLIC-AE	FEIIS	Iron(II) sulfide (hexagonal)	FeS	1317-37-9	87.913002
PUBLIC-AE	FEIIS2	Iron(II) disulfide (isometric)	FeS2	1309-36-0	119.978996
PUBLIC-AE	FEIISO3	Iron(II) sulfite	FeO3S		135.911194
PUBLIC-AE	FEIISO4	Iron(II) sulfate	FeO4S	7720-78-7	151.910599
PUBLIC-AE	FEIISO4.1H2O	Iron(II) sulfate monohydrate	FeH2O5S		169.925934
PUBLIC-AE	FEIISO4.4H2O	Iron(II) sulfate tetrahydrate	FeH8O8S		223.971954
PUBLIC-AE	FEIISO4.7H2O	Iron(II) sulfate heptahydrate	FeH14O11S		278.017975
PUBLIC-AE	FEIITRTRT	Iron(II) tartrate	C4H4FeO6		203.919678
PUBLIC-AE	FEIIVO4	Iron(II) tungstate(VI)	FeO4W		303.694611
PUBLIC-AE	FEMOO4	Iron(II) molybdate(VI)	FeMoO4	13718-70-2	215.784607
PUBLIC-AE	FEMOO43ION	Iron(III) trimolybdate ion(-3)	FeMo3O12-3		535.65979
PUBLIC-AE	FEMOO4ION	Iron(III) molybdate ion(+1)	FeMoO4+1		215.784607
PUBLIC-AE	FENTA	Iron(III) NTA	C6H6FeNO6		243.964523
PUBLIC-AE	FENTA2ION	Iron(III) di-NTA ion(-3)	C12H12FeN2O12-3		432.082031
PUBLIC-AE	FERROGDRIIT	Tetraaluminum pentairon hexasilicon docosaoxide dihydroxide	Al4Fe5H2O24Si6		941.67572
PUBLIC-AE	FERTREMLIT	Dicalcium pentairon octasilicon docosaoxide dihydroxide	Ca2Fe5H2O24Si8		970.076538
PUBLIC-AE	FESEO3	Iron(II) selenite	FeO3Se		182.805206
PUBLIC-AE	FESEO3ION	Iron(III) selenite ion(+1)	FeO3Se+1		182.805206
PUBLIC-AE	FETIO3	Iron(II) titanate	FeO3Ti		151.725204
PUBLIC-AE	FION	Fluoride ion(-1)	F-1		18.998404
PUBLIC-AE	FL2ET11	1,1-Difluoroethane	C2H4F2	75-37-6	66.050888
PUBLIC-AE	FL2ET12	1,2-Difluoroethane	C2H4F2	624-72-6	66.050888
PUBLIC-AE	FL2ETHLN11	1,1-Difluoroethene	C2H2F2	75-38-7	64.034943
PUBLIC-AE	FL2ME	Difluoromethane	CH2F2	75-10-5	52.023846
PUBLIC-AE	FL3ET111	1,1,1-Trifluoroethane	C2H3F3	420-46-2	84.041321
PUBLIC-AE	FL3ME	Trifluoromethane	CHF3	75-46-7	70.014282
PUBLIC-AE	FL4ET1112	1,1,1,2-Tetrafluoroethane	C2H2F4	811-97-2	102.031754
PUBLIC-AE	FL4ETHLN	Perfluoroethene	C2F4	116-14-3	100.015816
PUBLIC-AE	FL4ME	Carbon tetrafluoride	CF4	75-73-0	88.004715
PUBLIC-AE	FL5ET	Pentafluoroethane	C2HF5	354-33-6	120.022186
PUBLIC-AE	FL6ET	Hexafluoroethane	C2F6	76-16-4	138.012619
PUBLIC-AE	FL6PRPLENE	Perfluoro-1-propene	C3F6	116-15-4	150.023712
PUBLIC-AE	FL8CYCBUTN	Octafluorocyclobutane	C4F8	115-25-3	200.031631
PUBLIC-AE	FLACETAC	Fluoroacetic acid	C2H3FO2	144-49-0	78.043312
PUBLIC-AE	FLME	Methyl fluoride	CH3F	593-53-3	34.033413
PUBLIC-AE	FLUANTHEN	Fluoranthene	C16H10	206-44-0	202.257294
PUBLIC-AE	FLUORENE	2,2'-Methylenebiphenyl	C13H10	86-73-7	166.223999
PUBLIC-AE	FLUORENON	Fluorenone	C13H8O	486-25-9	180.207458
PUBLIC-AE	FLUTREMLIT	Dicalcium pentamagnesium octasilicon docosaoxide difluoride	Ca2F2Mg5O22Si8		816.348633
PUBLIC-AE	FORM2	Formic acid, dimer	C2H4O4		92.051682

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	FORMALDHYD	Formaldehyde	CH2O	50-00-0	30.02644
PUBLIC-AE	FORMAMIDE	Formamide	CH3NO	75-12-7	45.041111
PUBLIC-AE	FPYRANOS	Levulose	C6H12O6	57-48-7	180.158646
PUBLIC-AE	FUMARACID	Fumaric acid	C4H4O4	110-17-8	116.073883
PUBLIC-AE	FUMARAMD	Fumaramide	C4H6N2O2	627-64-5	114.104424
PUBLIC-AE	FUMARATEION	Fumaric acid ion(-2)	C4H2O4-2		114.057938
PUBLIC-AE	FURACID	2-Furancarboxylic acid	C5H4O3	26447-28-9	112.085579
PUBLIC-AE	FURAN	Furan	C4H4O	110-00-9	68.075684
PUBLIC-AE	FURFURAL	2-Furaldehyde	C5H4O2	98-01-1	96.086182
PUBLIC-AE	FUROATION	Furoic acid ion(-1)	C5H3O3-1		111.077606
PUBLIC-AE	GAEL	Gallium	Ga	7440-55-3	69.723
PUBLIC-AE	GAION	Gallium ion(+3)	Ga+3		69.723
PUBLIC-AE	GALACTITOL	Galactitol	C6H14O6	608-66-2	182.174576
PUBLIC-AE	GAOH3	Gallium hydroxide	GaH3O3		120.74511
PUBLIC-AE	GATERPINEN	4-Isopropyl-1-methyl-1,4-cyclohexadiene	C10H16	99-85-4	136.238525
PUBLIC-AE	GCHLORDANE	trans-Chlordane	C10H6Cl8	5103-74-2	409.782806
PUBLIC-AE	GD2CO33	Gadolinium(III) carbonate	C3Gd2O9		494.527893
PUBLIC-AE	GD2MOO43	Gadolinium(III) molybdate(VI)	Gd2Mo3O12		794.312805
PUBLIC-AE	GD2MOO43.2H2O	Gadolinium(III) molybdate(VI) dihydrate	Gd2H4Mo3O14		830.343506
PUBLIC-AE	GD2SO43	Gadolinium(III) sulfate	Gd2O12S3		602.690796
PUBLIC-AE	GD2SO43.8H2O	Gadolinium(III) sulfate octahydrate	Gd2H16O20S3		746.813538
PUBLIC-AE	GD2TRTRT3	Gadolinium(III) tartrate	C12H12Gd2O18		758.718018
PUBLIC-AE	GDACET2ION	Gadolinium(III) diacetate ion(+1)	C4H6GdO4+1		275.339813
PUBLIC-AE	GDACET3	Gadolinium(III) acetate	C6H9GdO6		334.384735
PUBLIC-AE	GDACETION	Gadolinium(III) monoacetate ion(+2)	C2H3GdO2+2		216.294907
PUBLIC-AE	GDBR3	Gadolinium(III) bromide	Br3Gd		396.962006
PUBLIC-AE	GDBRION	Gadolinium(III) monobromide ion(+2)	BrGd+2		237.154007
PUBLIC-AE	GDCL2ION	Gadolinium(III) dichloride ion(+1)	Cl2Gd+1		228.156006
PUBLIC-AE	GDCL3	Gadolinium(III) chloride	Cl3Gd	10138-52-0	263.609009
PUBLIC-AE	GDCL4ION	Gadolinium(III) tetrachloride ion(-1)	Cl4Gd-1		299.062012
PUBLIC-AE	GDCLION	Gadolinium(III) monochloride ion(+2)	ClGd+2		192.703003
PUBLIC-AE	GDCO3ION	Gadolinium(III) carbonate ion(+1)	CGdO3+1		217.259293
PUBLIC-AE	GDCTRT	Gadolinium(III) citrate	C6H5GdO7		346.352264
PUBLIC-AE	GDDTPAION	Gadolinium(III) DTPA ion(-2)	C14H18GdN3O10-2		545.562988
PUBLIC-AE	GDECALACTN	5-Hexyldihydro-2(3H)-furanone	C10H18O2	706-14-9	170.253265
PUBLIC-AE	GDEDTAION	Gadolinium(III) EDTA ion(-1)	C10H12GdN2O8-1		445.46524
PUBLIC-AE	GDEL	Gadolinium	Gd	7440-54-2	157.25
PUBLIC-AE	GDF2ION	Gadolinium(III) difluoride ion(+1)	F2Gd+1		195.246811
PUBLIC-AE	GDF3	Gadolinium(III) fluoride	F3Gd	13765-26-9	214.245209
PUBLIC-AE	GDF4ION	Gadolinium(III) tetrafluoride ion(-1)	F4Gd-1		233.243607
PUBLIC-AE	GDFION	Gadolinium(III) monofluoride ion(+2)	FGd+2		176.248398
PUBLIC-AE	GDFOR2ION	Gadolinium(III) diformate ion(+1)	C2H2GdO4+1		247.285736
PUBLIC-AE	GDFOR3	Gadolinium(III) formate	C3H3GdO6		292.303619
PUBLIC-AE	GDFORION	Gadolinium(III) monoformate ion(+2)	CHGdO2+2		202.267868
PUBLIC-AE	GDH2DTPA	Gadolinium(III) dihydrogen DTPA	C14H20GdN3O10		547.578918
PUBLIC-AE	GDH2PO4ION	Gadolinium(III) dihydrogen orthophosphate ion(+2)	GdH2O4P+2		254.237305
PUBLIC-AE	GDHCO3ION	Gadolinium(III) bicarbonate ion(+2)	CGdHO3+2		218.267273
PUBLIC-AE	GDHDTPAION	Gadolinium(III) hydrogen DTPA ion(-1)	C14H19GdN3O10-1		546.570923
PUBLIC-AE	GDHEDTA	Gadolinium(III) hydrogen EDTA	C10H13GdN2O8		446.473206
PUBLIC-AE	GDI3	Gadolinium(III) iodide	GdI3		537.965027

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	GDIION	Gadolinium(III) monoiodide ion(+2)	GdI+2		284.154999
PUBLIC-AE	GDION	Gadolinium ion(+3)	Gd+3		157.25
PUBLIC-AE	GDMOO43ION	Gadolinium(III) trimolybdate ion(-3)	GdMo3O12-3		637.062805
PUBLIC-AE	GDMOO4ION	Gadolinium(III) molybdate ion(+1)	GdMoO4+1		317.187592
PUBLIC-AE	GDNO33	Gadolinium(III) nitrate	GdN3O9		343.264709
PUBLIC-AE	GDNO33.6H2O	Gadolinium(III) nitrate hexahydrate	GdH12N3O15		451.35675
PUBLIC-AE	GDNO3ION	Gadolinium(III) mononitrate ion(+2)	GdNO3+2		219.254898
PUBLIC-AE	GDNTA	Gadolinium(III) NTA	C6H6GdNO6		345.367523
PUBLIC-AE	GDNTA2ION	Gadolinium(III) di-NTA ion(-3)	C12H12GdN2O12-3		533.485046
PUBLIC-AE	GDOH2ION	Gadolinium(III) dihydroxide ion(+1)	GdH2O2+1		191.26474
PUBLIC-AE	GDOH3	Gadolinium(III) hydroxide	GdH3O3		208.27211
PUBLIC-AE	GDOH4ION	Gadolinium(III) tetrahydroxide ion(-1)	GdH4O4-1		225.27948
PUBLIC-AE	GDOHION	Gadolinium(III) monohydroxide ion(+2)	GdHO+2		174.25737
PUBLIC-AE	GDOHNNTAION	Gadolinium(III) monohydroxide NTA ion(-1)	C6H7GdNO7-1		362.374878
PUBLIC-AE	GDPO4	Gadolinium(III) orthophosphate	GdO4P	13628-51-8	252.221359
PUBLIC-AE	GDPO4.2H2O	Gadolinium(III) orthophosphate dihydrate	GdH4O6P		288.252045
PUBLIC-AE	GDSO42ION	Gadolinium(III) disulfate ion(-1)	GdO8S2-1		349.377197
PUBLIC-AE	GDSO4ION	Gadolinium(III) monosulfate ion(+1)	GdO4S+1		253.313599
PUBLIC-AE	GDRTRTRTION	Gadolinium(III) tartrate ion(+1)	C4H4GdO6+1		305.322693
PUBLIC-AE	GLDIBR	Gold(I) bromide	AuBr		276.870514
PUBLIC-AE	GLDIBR2ION	Gold(I) dibromide ion(-1)	AuBr2-1		356.774506
PUBLIC-AE	GLDICL	Gold(I) chloride	AuCl	10294-29-8	232.419495
PUBLIC-AE	GLDICN	Gold(I) cyanide	AuCN	506-65-0	222.984299
PUBLIC-AE	GLDICN2ION	Gold(I) dicyanide ion(-1)	AuC2N2-1		249.002106
PUBLIC-AE	GLDIIIBR3	Gold(III) bromide	AuBr3	10294-28-7	436.678497
PUBLIC-AE	GLDIIIBR4ION	Gold(III) tetrabromide ion(-1)	AuBr4-1		516.58252
PUBLIC-AE	GLDIIICL3	Gold(III) chloride	AuCl3	13453-07-1	303.3255
PUBLIC-AE	GLDIIICL4ION	Gold(III) tetrachloride ion(-1)	AuCl4-1		338.778503
PUBLIC-AE	GLDIIION	Gold ion(+3)	Au+3		196.966507
PUBLIC-AE	GLDIIIOH3	Gold(III) hydroxide	AuH3O3	1303-52-2	247.988617
PUBLIC-AE	GLDIIIOH4ION	Gold(III) tetrahydroxide ion(-1)	AuH4O4-1		264.995972
PUBLIC-AE	GLDIIIOH5ION	Gold(III) pentahydroxide ion(-2)	AuH5O5-2		282.003357
PUBLIC-AE	GLDIIIOD	Gold(I) iodide	AuI	10294-31-2	323.87149
PUBLIC-AE	GLDIIION	Gold ion(+1)	Au+1		196.966507
PUBLIC-AE	GLDIOH	Gold(I) hydroxide	AuHO		213.973877
PUBLIC-AE	GLUCOS	D-Glucose	C6H12O6	50-99-7	180.158646
PUBLIC-AE	GLUTARAC	Glutaric acid	C5H8O4	110-94-1	132.116867
PUBLIC-AE	GLUTARION	Glutaric acid ion(-1)	C5H6O4-2		130.100922
PUBLIC-AE	GLYCERAMICS-AEOL	GlyCERAMICS-AEol	C3H8O3	56-81-5	92.095261
PUBLIC-AE	GLYCINATION	Glycinate ion(-1)	C2H4NO2-1		74.059578
PUBLIC-AE	GLYCINE	Glycine	C2H5NO2	56-40-6	75.067551
PUBLIC-AE	GLYCOLACID	Glycolic acid	C2H4O3	79-14-1	76.052277
PUBLIC-AE	GLYCOLATION	Glycolate ion(-1)	C2H3O3-1		75.044312
PUBLIC-AE	GLYDIACRYL	Ethylene diacrylate	C8H10O4	2274-11-5	170.166107
PUBLIC-AE	GLYGLYCINION	N-Glycylglycine ion(-1)	C4H7N2O3-1		131.111786
PUBLIC-AE	GLYOXAL	1,2-Ethanedione	C2H2O2	107-22-2	58.036942
PUBLIC-AE	GREENALITE	Triiron disilicon pentaoxide tetrahydroxide	Fe3H4O9Si2		371.738495
PUBLIC-AE	GRUNERITE	Heptairon octasilicon dicosaoxide dihydroxide	Fe7H2O24Si8		1001.614563
PUBLIC-AE	GUAIACOL	2-Methoxyphenol	C7H8O2	90-05-1	124.140259
PUBLIC-AE	H2	Hydrogen	H2	1333-74-0	2.01594

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	H2AM2BNZATION	Hydrogen 2-aminobenzoic acid ion(+1)	C7H8NO2+1		138.146957
PUBLIC-AE	H2AS2S3O	Arsenic(III) sulfide oxide	As2H2OS3		264.056549
PUBLIC-AE	H2ASO4ION	Dihydrogen arsenate(VI) ion(-1)	AsH2O4-1		140.935135
PUBLIC-AE	H2BICINEION	Dihydrogen bicine ion(-1)	C6H12NO4-1		162.166534
PUBLIC-AE	H2CITRATION	Dihydrogen citrate ion(-1)	C6H7O7-1		191.118195
PUBLIC-AE	H2CO3	Carbonic acid	CH2O3		62.025242
PUBLIC-AE	H2CR2O7	Dichromic(VI) acid	Cr2H2O7		218.003738
PUBLIC-AE	H2CRO4	Chromic(VI) acid	CrH2O4		118.009537
PUBLIC-AE	H2DLMETHNION	Hydrogen DL-methionine ion(+1)	C5H12NO2S+1		150.222641
PUBLIC-AE	H2DTPAION	Dihydrogen DTPA ion(-3)	C14H20N3O10-3		390.328888
PUBLIC-AE	H2EDTAION	Dihydrogen EDTA ion(-2)	C10H14N2O8-2		290.231171
PUBLIC-AE	H2ENAMN2ION	Dihydrogen ethylenediamine ion(+2)	C2H10N2+2		62.115299
PUBLIC-AE	H2F2	Hydrofluoride, dimer	F2H2		40.012745
PUBLIC-AE	H2FEIICN6ION	Dihydrogen ferrocyanide ion(-2)	C6FeH2N6-2		213.969742
PUBLIC-AE	H2GLYGLYCNION	Dihydrogen N-glycylglycine ion(+1)	C4H9N2O3+1		133.127731
PUBLIC-AE	H2IDA	2,2'-Iminobisacetic acid	C4H7NO4	142-73-4	133.104492
PUBLIC-AE	H2LARGINION	Dihydrogen L-arginine ion(+2)	C6H16N4O2+2		176.219727
PUBLIC-AE	H2LHDPROLNION	Hydrogen 4-hydroxyproline ion(+1)	C5H10NO3+1		132.140106
PUBLIC-AE	H2LHISTIDNION	Hydroxide histidine ion(+1)	C6H10N3O2+1		156.165207
PUBLIC-AE	H2LLACTICAC	L-Lactic acid	C3H6O3		90.079323
PUBLIC-AE	H2LMETHINNION	Hydrogen l-methionine ion(+1)	C5H12NO2S+1		150.222641
PUBLIC-AE	H2LPROLINEION	Hydrogen L-proline ion(+1)	C5H10NO2+1		116.140701
PUBLIC-AE	H2LTRYPTOPHION	Hydrogen L-Tryptophane ion(+1)	C11H13N2O2+1		205.237915
PUBLIC-AE	H2LYSINEION	Dihydrogen lysine ion(+1)	C6H15N2O2+1		147.198349
PUBLIC-AE	H2MALEIC	Maleic acid	C4H4O4	110-16-7	116.073883
PUBLIC-AE	H2MAMBZACION	Hydrogen 2-(methylamino)benzoic acid ion(+1)	C8H10NO2+1		152.173996
PUBLIC-AE	H2ME2PRAMD	2-Hydroxy-2-methylpropaneamide	C4H9NO2	13027-88-8	103.121628
PUBLIC-AE	H2MNO4	Manganic(VI) acid	H2MnO4		120.951538
PUBLIC-AE	H2MOO4	Molybdenic(VI) acid	H2MoO4		161.953537
PUBLIC-AE	H2NICOTACDION	Hydrogen nicotinic acid ion(+1)	C6H6NO2+1		124.119919
PUBLIC-AE	H2NTAION	Dihydrogen NTA ion(-1)	C6H8NO6-1		190.133453
PUBLIC-AE	H2O	Water	H2O	7732-18-5	18.015341
PUBLIC-AE	H2O2	HYDROGEN PEROXIDE	H2O2	7722-84-1	34.01474
PUBLIC-AE	H2P2O7ION	Dihydrogen pyrophosphate(V) ion(-2)	H2O7P2-2		175.959259
PUBLIC-AE	H2PIPERAZINION	Dihydrogen 1,4-diazacyclohexane ion(+2)	C4H12N2+2		88.153442
PUBLIC-AE	H2PO2ION	Hypophosphorous ion(-1)	H2O2P-1		64.988503
PUBLIC-AE	H2PO3ION	Dihydrogen phosphate(III) ion(-1)	H2O3P-1		80.9879
PUBLIC-AE	H2PO4ION	Dihydrogen orthophosphate(V) ion(-1)	H2O4P-1		96.987297
PUBLIC-AE	H2PYROGLUTA	L-Pyroglutamic acid	C5H7NO3	98-79-3	129.116196
PUBLIC-AE	H2S	Hydrogen sulfide	H2S	7783-06-4	34.08194
PUBLIC-AE	H2S2	Dihydrogen disulfide	H2S2		66.147942
PUBLIC-AE	H2S2O3	Thiosulfuric acid	H2O3S2		114.146141
PUBLIC-AE	H2S2O4	Dithionous acid	H2O4S2		130.145538
PUBLIC-AE	H2S2O6	Dithionic acid	H2O6S2		162.144333
PUBLIC-AE	H2S2O8	Peroxodisulfuric(VII) acid	H2O8S2		194.143143
PUBLIC-AE	H2S5O6	Pentathionic acid	H2O6S5		258.342346
PUBLIC-AE	H2SEO3	Selenious(IV) acid	H2O3Se	7783-00-8	128.974136
PUBLIC-AE	H2SEO4	Selenic(VI) acid	H2O4Se	7783-08-6	144.973541
PUBLIC-AE	H2SIF6	Dihydrogen hexafluorosilicate	F6H2Si		144.091858
PUBLIC-AE	H2SIO4ION	Dihydrogen orthosilicate ion(-2)	H2O4Si-2		94.099037

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	H2SO3	Sulfurous(IV) acid	H2O3S		82.080139
PUBLIC-AE	H2SO4	Sulfuric(VI) acid	H2O4S	7664-93-9	98.079536
PUBLIC-AE	H2SO5	Peroxomonosulfuric(VIII) acid	H2SO5		114.078941
PUBLIC-AE	H2SUCCNATE	Succinic acid	C4H6O4	110-15-6	118.089821
PUBLIC-AE	H2SUCROSEION	Dihydrogen sucrose ion(-6)	C12H16O11-6		336.25412
PUBLIC-AE	H2TARTRT	L-Tartaric acid	C4H6O6	147-71-7	150.088623
PUBLIC-AE	H2TE	Hydrogen telluride	H2Te	7783-09-7	129.615936
PUBLIC-AE	H2TEIVO3	Tellurous(IV) acid	H2O3Te	10049-23-7	177.614136
PUBLIC-AE	H2TEO4	Telluric(VI) acid	H2O4Te		193.613541
PUBLIC-AE	H2TEO4.2H2O	Telluric(VI) acid dihydrate	H6O6Te		229.644226
PUBLIC-AE	H2TEO4.6H2O	Telluric(VI) acid hexahydrate	H14O10Te		301.705566
PUBLIC-AE	H2TETMEDAMNION	Tetramethylenediammonium ion(+2)	C4H14N2+2		90.16938
PUBLIC-AE	H2VO4ION	Dihydrogen orthovanadate(V) ion(-1)	H2O4V-1		116.95504
PUBLIC-AE	H2WO4	Tungstic(VI) acid	H2O4W		249.863541
PUBLIC-AE	H2ZRF6	Hexafluorozirconic acid	F6H2Zr		207.230362
PUBLIC-AE	H3ASO3	Arsenious acid	AsH3O3		125.94371
PUBLIC-AE	H3ASO4	Arsenic(VI) acid	AsH3O4	7778-39-4	141.943115
PUBLIC-AE	H3BICINE	N,N-Bis(2-hydroxyethyl)glycine	C6H13NO4	150-25-4	163.174515
PUBLIC-AE	H3DTPAION	Trihydrogen DTPA ion(-2)	C14H21N3O10-2		391.336884
PUBLIC-AE	H3EDTAION	Trihydrogen EDTA ion(-1)	C10H15N2O8-1		291.239136
PUBLIC-AE	H3FEIICN6	Trihydrogen hexaferrocyanide	C6FeH3N6		214.977707
PUBLIC-AE	H3IDAION	Trihydrogen IDA ion(+1)	C4H8NO4+1		134.112457
PUBLIC-AE	H3IO6ION	Trihydrogen orthoperiodate ion(-2)	H3IO6-2		225.925308
PUBLIC-AE	H3LASPION	Hydrogen L-aspartic acid ion(+1)	C4H8NO4+1		134.112457
PUBLIC-AE	H3LGLUTION	Trihydrogen L-glutamic acid ion(+1)	C5H10NO4+1		148.139496
PUBLIC-AE	H3LHISTIDNION	Dihydrogen histidine ion(+2)	C6H11N3O2+2		157.173172
PUBLIC-AE	H3LTYROSNION	Hydrogen L-tyrosine ion(+1)	C9H12NO3+1		182.200439
PUBLIC-AE	H3LYSINEION	Trihydrogen lysine ion(+2)	C6H16N2O2+2		148.206314
PUBLIC-AE	H3NTA	Nitriotriacetic acid	C6H9NO6	139-13-9	191.141434
PUBLIC-AE	H3P2O7ION	Trihydrogen pyrophosphate(V) ion(-1)	H3O7P2-1		176.967224
PUBLIC-AE	H3PO2	Hypophosphorous acid	H3O2P	6303-21-5	65.996468
PUBLIC-AE	H3PO3	Phosphorous(III) acid	H3O3P	13598-36-2	81.995872
PUBLIC-AE	H3PO4	Orthophosphoric acid	H3O4P	7664-38-2	97.99527
PUBLIC-AE	H3PYROGLUTAION	Trihydrogen L-pyroglyutamic acid ion(+1)	C5H8NO3+1		130.124161
PUBLIC-AE	H3SIO4ION	Trihydrogen silicate ion(-1)	H3O4Si-1		95.10701
PUBLIC-AE	H3SUCROSEION	Trihydrogen sucrose ion(-5)	C12H17O11-5		337.262085
PUBLIC-AE	H3VO4	Vanadic(V) acid	H3O4V		117.963013
PUBLIC-AE	H4BICINEION	Tetrahydrogen bicine ion(+1)	C6H14NO4+1		164.18248
PUBLIC-AE	H4DTPAION	Tetrahydrogen DTPA ion(-1)	C14H22N3O10-1		392.344849
PUBLIC-AE	H4EDTA	EDTA	C10H16N2O8	60-00-4	292.247131
PUBLIC-AE	H4FEIICN6	Tetrahydrogen ferrocyanide(II)	C6FeH4N6		215.985687
PUBLIC-AE	H4IO6ION	Tetrahydrogen orthoperiodate(VII) ion(-1)	H4IO6-1		226.933273
PUBLIC-AE	H4NTAION	Tetrahydrogen NTA ion(+1)	C6H10NO6+1		192.149399
PUBLIC-AE	H4P2O7	Pyrophosphoric(V) acid	H4O7P2	2466-09-3	177.975204
PUBLIC-AE	H4SIO4	Silicic acid	H4O4Si	14475-38-8	96.114983
PUBLIC-AE	H4SUCROSEION	Tetrahydrogen sucrose ion(-4)	C12H18O11-4		338.27005
PUBLIC-AE	H4TEO6ION	Tetrahydrogen orthotellurate ion(-2)	H4O6Te-2		227.628281
PUBLIC-AE	H5DTPA	DTPA	C14H23N3O10	67-43-6	393.352814
PUBLIC-AE	H5EDTAION	Pentahydrogen EDTA ion(+1)	C10H17N2O8+1		293.255096
PUBLIC-AE	H5IO6	Periodic(VII) acid	H5IO6	10450-60-9	227.941254

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	H5SUCROSEION	Pentahydrogen sucrose ion(-3)	C12H19O11-3		339.278015
PUBLIC-AE	H5TEO6ION	Pentahydrogen orthotelluric acid ion(-1)	H5O6Te-1		228.636246
PUBLIC-AE	H6EDTAION	Hexahydrogen EDTA ion(+2)	C10H18N2O8+2		294.263062
PUBLIC-AE	H6F6	Hydrogen fluoride, hexamer	F6H6		120.038239
PUBLIC-AE	H6SUCROSEION	Hexahydrogen sucrose ion(-2)	C12H20O11-2		340.286011
PUBLIC-AE	H6TEO6	Orthotelluric acid	H6O6Te	7803-68-1	229.644226
PUBLIC-AE	H7SUCROSEION	Heptahydrogen sucrose ion(-1)	C12H21O11-1		341.293976
PUBLIC-AE	H8SUCROSE	Sucrose	C12H22O11	57-50-1	342.301941
PUBLIC-AE	HACETOI	Acetoin	C4H8O2	513-86-0	88.106956
PUBLIC-AE	HACRLNL	3-Hydroxypropanenitrile	C3H5NO	109-78-4	71.079247
PUBLIC-AE	HACRYLATE	Acrylic acid	C3H4O2	79-10-7	72.06398
PUBLIC-AE	HADIPATION	Hydrogen adipic acid ion(-1)	C6H9O4-1		145.135925
PUBLIC-AE	HALLOYSITE	Halloysite	Al2H4O9Si2		258.160553
PUBLIC-AE	HALOTHANE	1,1,1-Trifluoro-2-bromo-2-chloroethane	C2HBrClF3	151-67-7	197.382385
PUBLIC-AE	HAM2BNZAT	2-Aminobenzoic acid	C7H7NO2	118-92-3	137.138992
PUBLIC-AE	HAM4BUTNION	Hydrogen 4-aminobutanoic acid ion(+1)	C4H10NO2+1		104.129601
PUBLIC-AE	HAMCAPRION	Hydrogen 6-aminohexanoic acid ion(+1)	C6H14NO2+1		132.183685
PUBLIC-AE	HARSO3ION	Biarsenate ion(-2)	AsHO3-2		123.927773
PUBLIC-AE	HAS2S4ION	Hydrogen diarsenic(III) tetrasulfide ion	As2HS4-1		279.115173
PUBLIC-AE	HASO2	Metaarsenic(III) acid	AsHO2		107.928368
PUBLIC-AE	HASO4ION	Hydrogen arsenate(VI) ion(-2)	AsHO4-2		139.92717
PUBLIC-AE	HAZELATION	Hydrogen azelate ion(-1)	C9H15O4-1		187.217056
PUBLIC-AE	HBALANION	Hydrogen beta-alanine ion(+1)	C3H8NO2+1		90.102562
PUBLIC-AE	HBF4	Tetrafluoroboric acid	BF4H		87.811615
PUBLIC-AE	HBIBDJSOL				446.007996
PUBLIC-AE	HBICINEION	Hydrogen bicine ion(-2)	C6H11NO4-2		161.158569
PUBLIC-AE	HBPH4	Hydrogen tetraphenylborate	C24H21B		320.243805
PUBLIC-AE	HBR	Hydrogen bromide	BrH	10035-10-6	80.911972
PUBLIC-AE	HBR3	Hydrogen tribromide	Br3H		240.719971
PUBLIC-AE	HBRO	Hypobromic(I) acid	BrHO		96.911369
PUBLIC-AE	HBRO3	Bromic(VI) acid	BrHO3		128.910172
PUBLIC-AE	HBRO4	Perbromic(VII) acid	BrHO4		144.909576
PUBLIC-AE	HBZDIOL12ION	Hydrogen 1,2-benzenediol ion(-1)	C6H5O2-1		109.105247
PUBLIC-AE	HBZDIOL13ION	Hydrogen 1,3-benzenediol ion(-1)	C6H5O2-1		109.105247
PUBLIC-AE	HBZDIOL14ION	Hydrogen 1,4-Benzenediol ion(-1)	C6H5O2-1		109.105247
PUBLIC-AE	HCBF123678	1,2,3,6,7,8-Hexachlorodibenzofuran	C12H2Cl6O	57117-44-9	374.866547
PUBLIC-AE	HCDBF12347	1,2,3,4,7,8-Hexachlorodibenzofuran	C12H2Cl6O	70648-26-9	374.866547
PUBLIC-AE	HCITRATION	Hydrogen citrate ion(-2)	C6H6O7-2		190.110214
PUBLIC-AE	HCL	Hydrogen chloride	ClH	7647-01-0	36.460972
PUBLIC-AE	HCLDBNZFRN	1,2,3,4,6,7,8-Heptachlorodibenzofuran	C12HCl7O	67562-39-4	409.311584
PUBLIC-AE	HCLDBPDOX	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	C12HCl7O2	37871-00-4	425.310974
PUBLIC-AE	HCLEPOX	Epoxyheptachlor	C10H5Cl7O	1024-57-3	389.321259
PUBLIC-AE	HCLO	Hypochlorous acid	ClHO	7790-92-3	52.460369
PUBLIC-AE	HCLO2	Chlorous(III) acid	ClHO2		68.45977
PUBLIC-AE	HCLO3	Chloric(VI) acid	ClHO3		84.459167
PUBLIC-AE	HCLO4	Perchloric acid	ClHO4	7601-90-3	100.458572
PUBLIC-AE	HCLPHENE	2,2'-Methylenebis(3,4,6-trichlorophenol)	C13H6Cl6O2	70-30-4	406.908905
PUBLIC-AE	HCN	Hydrocyanic acid	CHN	74-90-8	27.02577
PUBLIC-AE	HCNO	Cyanic acid	CHON	420-05-3	43.025169
PUBLIC-AE	HCO3ION	Bicarbonate ion(-1)	CHO3-1		61.017269

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HCOOH	Formic acid	CH2O2	64-18-6	46.025841
PUBLIC-AE	HCPD123678	1,2,3,6,7,8-Hexachloro-p-dioxin	C12H2Cl6O2	57653-85-7	390.865936
PUBLIC-AE	HCRO4ION	Bichromate(VI) ion(-1)	CrHO4-1		117.001572
PUBLIC-AE	HCS100SOL				446.007996
PUBLIC-AE	HCYCLHEXAMNION	Hydrogen cyclohexanamine ion(+1)	C6H14N+1		100.184883
PUBLIC-AE	HDBNZALD4	4-Hydroxybenzaldehyde	C7H6O2	123-08-0	122.124321
PUBLIC-AE	HDBNZFUR23	2,3-Dihydrobenzofuran	C8H8O	496-16-2	120.151962
PUBLIC-AE	HDCHXYLAMION	Hydrogen dicyclohexylamine ion(+1)	C12H24N+1		182.331177
PUBLIC-AE	HDECYLAION	Hydrogen 1-decylamine ion(+1)	C10H24N+1		158.308975
PUBLIC-AE	HDF234678	2,3,4,6,7,8-Hexachlorodibenzofuran	C12H2Cl6O	60851-34-5	374.866547
PUBLIC-AE	HDIALLYLION	Hydrogen N,N-diallylamine ion(+1)	C6H12N+1		98.168938
PUBLIC-AE	HDIBUTAMION	Hydrogen di-n-butylamine ion(+1)	C8H20N+1		130.254898
PUBLIC-AE	HDIBUAMION	Hydrogen diisobutylamine ion(+1)	C8H20N+1		130.254898
PUBLIC-AE	HDLALANION	Hydrogen DL-alanine ion(+1)	C3H8NO2+1		90.102562
PUBLIC-AE	HDLAM2BUTION	Hydrogen DL-2-aminobutyric acid ion(+1)	C4H10NO2+1		104.129601
PUBLIC-AE	HDLILEUCNION	Hydrogen DL-isoleucine ion(+1)	C6H14NO2+1		132.183685
PUBLIC-AE	HDLMETHN	DL-Methionine	C5H11NO2S	59-51-8	149.214676
PUBLIC-AE	HDLPHALION	Hydrogen DL-3-phenylalanine ion(+1)	C9H12NO2+1		166.201035
PUBLIC-AE	HDMEAMETLION	Hydrogen 2-dimethylaminoethanol ion(+1)	C4H12NO+1		90.146141
PUBLIC-AE	HDNAPH1234	1,2,3,4-Tetrahydronaphthalene	C10H12	119-64-2	132.206635
PUBLIC-AE	HDNITANIL24ION	Hydrogen 2,4-dinitroaniline ion(+1)	C6H6N3O4+1		184.132126
PUBLIC-AE	HDODECYAION	Hydrogen n-dodecylamine ion(+1)	C12H28N+1		186.363068
PUBLIC-AE	HDPHEPHE1	1-Hydroxy-2-phenylbenzene	C12H10O	90-43-7	170.212296
PUBLIC-AE	HDROXAMN	Hydroxylamine	H3NO	7803-49-8	33.03001
PUBLIC-AE	HDTPAION	Hydrogen DTPA ion(-4)	C14H19N3O10-4		389.320923
PUBLIC-AE	HE	Helium	He	7440-59-7	4.002602
PUBLIC-AE	HEDTAION	Hydrogen EDTA ion(-3)	C10H13N2O8-3		289.223206
PUBLIC-AE	HENAMN2ION	Hydrogen ethylenediamine ion(+1)	C2H9N2+1		61.10733
PUBLIC-AE	HENEICOSAN	Heneicosane	C21H44	629-94-7	296.583771
PUBLIC-AE	HENTRIACNT	Hentriacontane	C31H64	630-04-6	436.854187
PUBLIC-AE	HEPTACHLOR	3-Chlorochlordene	C10H5Cl7	76-44-8	373.321838
PUBLIC-AE	HEPTANAL1	Heptanal	C7H14O	111-71-7	114.188683
PUBLIC-AE	HEPTANION	Heptanoic acid ion(-1)	C7H13O2-1		129.180115
PUBLIC-AE	HEPTANOL	1-Heptanol	C7H16O	111-70-6	116.20462
PUBLIC-AE	HEPTANOL2	2-Heptanol	C7H16O	543-49-7	116.20462
PUBLIC-AE	HEPTANON2	2-Heptanone	C7H14O	110-43-0	114.188683
PUBLIC-AE	HEPTANON3	3-Heptanone	C7H14O	106-35-4	114.188683
PUBLIC-AE	HEPTANON4	4-Heptanone	C7H14O	123-19-3	114.188683
PUBLIC-AE	HEPTBNZ1	1-Heptylbenzene	C13H20	1078-71-3	176.303696
PUBLIC-AE	HEPTCONT	Heptacontane	C70H142	7719-93-9	983.908752
PUBLIC-AE	HEPTDECEN1	1-Heptadecene	C17H34	6765-39-5	238.459686
PUBLIC-AE	HEPTYLAMN	1-Heptanamine	C7H17N	111-68-2	115.219887
PUBLIC-AE	HEULANDITE	Heulandite	Al2CaH12O24Si7		686.720825
PUBLIC-AE	HEXACONT	Hexacontane	C60H122	7667-80-3	843.638367
PUBLIC-AE	HEXADIEN15	1,5-Hexadiene	C6H10	592-42-7	82.146301
PUBLIC-AE	HEXANAL1	1-Hexanal	C6H12O	66-25-1	100.161636
PUBLIC-AE	HEXANIOL16	1,6-Hexanediol	C6H14O2	629-11-8	118.176979
PUBLIC-AE	HEXANION	Hexanoic acid ion(-1)	C6H11O2-1		115.153069
PUBLIC-AE	HEXANNTL	Hexanenitrile	C6H11N	628-73-9	97.160973
PUBLIC-AE	HEXANOL	1-Hexanol	C6H14O	111-27-3	102.177582

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HEXANON3	3-Hexanone	C6H12O	589-38-8	100.161636
PUBLIC-AE	HEXANONE2	2-Hexanone	C6H12O	591-78-6	100.161636
PUBLIC-AE	HEXDECANOL	1-Hexadecanol	C16H34O	36653-82-4	242.447983
PUBLIC-AE	HEXNOL2	2-Hexanol	C6H14O	626-93-7	102.177582
PUBLIC-AE	HEXYLACET	n-Hexyl acetate	C8H16O2	142-92-7	144.215118
PUBLIC-AE	HEXYLOXTOL	2-Hexyloxy-1-ethanol	C8H18O2	112-25-4	146.231064
PUBLIC-AE	HEXYNE1	1-Hexyne	C6H10	693-02-7	82.146301
PUBLIC-AE	HEXYNE2	2-Hexyne	C6H10	764-35-2	82.146301
PUBLIC-AE	HEXYNE3	3-Hexyne	C6H10	928-49-4	82.146301
PUBLIC-AE	HF	Hydrogen fluoride	FH	7664-39-3	20.006372
PUBLIC-AE	HF2ION	Hydrogen difluoride ion (-1)	F2H-1		39.004776
PUBLIC-AE	HFEICN6ION	Hydrogen ferrocyanide(II) ion(-3)	C6FeHN6-3		212.961777
PUBLIC-AE	HFUMARATEION	Hydrogen fumaric acid ion(-1)	C4H3O4-1		115.06591
PUBLIC-AE	HG2CL2	Mercurous(I) chloride	Cl2Hg2		472.085999
PUBLIC-AE	HG2CO3	Mercury(I) carbonate	CHg2O3		461.189301
PUBLIC-AE	HG2ION	Dimercury(I) ion (+2)	Hg2+2		401.179993
PUBLIC-AE	HG2OH2	Dimercury(I) dihydroxide	H2Hg2O2		435.194733
PUBLIC-AE	HG2OHION	Dimercury(I) hydroxide ion(+1)	HHg2O+1		418.187378
PUBLIC-AE	HGACET2	Mercury(II) acetate	C4H6HgO4		318.67981
PUBLIC-AE	HGACET3ION	Mercury(II) triacetate ion(-1)	C6H9HgO6-1		377.724731
PUBLIC-AE	HGACETION	Mercury(II) monoacetate ion(+1)	C2H3HgO2+1		259.634918
PUBLIC-AE	HGBR2	Mercury(II) bromide	Br2Hg	7789-47-1	360.39801
PUBLIC-AE	HGBR3ION	Mercury(II) tribromide ion(-1)	Br3Hg-1		440.302002
PUBLIC-AE	HGBR4ION	Mercury(II) tetrabromide ion(-2)	Br4Hg-2		520.205994
PUBLIC-AE	HGBRION	Mercury(II) monobromide ion(+1)	BrHg+1		280.493988
PUBLIC-AE	HGC2O4	Mercury(II) oxalate	C2HgO4		288.609802
PUBLIC-AE	HGCH32	Dimethylmercury	C2H6Hg	593-74-8	230.660019
PUBLIC-AE	HGCH32CLION	Dimethylmercury chloride ion (-1)	C2ClH6Hg-1		266.113007
PUBLIC-AE	HGCL2	Mercury(II) chloride	Cl2Hg	7487-94-7	271.496002
PUBLIC-AE	HGCL3ION	Mercury(II) trichloride ion(-1)	Cl3Hg-1		306.949005
PUBLIC-AE	HGCL4ION	Mercury(II) tetrachloride ion(-2)	Cl4Hg-2		342.402008
PUBLIC-AE	HGCLION	Mercury(II) monochloride ion(+1)	ClHg+1		236.042999
PUBLIC-AE	HGCN2	Mercury(II) cyanide	C2HgN2	592-04-1	252.625595
PUBLIC-AE	HGCN3ION	Mercury(II) tricyanide ion(-1)	C3HgN3-1		278.643402
PUBLIC-AE	HGCN4ION	Mercury(II) tetracyanide ion(-2)	C4HgN4-2		304.661194
PUBLIC-AE	HGCNION	Mercury(II) monocyanide ion(+1)	CHgN+1		226.607803
PUBLIC-AE	HGCTRTION	Mercury(II) citrate ion(-1)	C6H5HgO7-1		389.692261
PUBLIC-AE	HGDEXH2ION	Mercury(II) di(N,N-diethanolamine) ion(+2)	C8H22HgN2O4+2		410.865143
PUBLIC-AE	HGDEXHION	Mercury(II) mono(N,N-diethanolamine) ion(+2)	C4H11HgNO2+2		305.72757
PUBLIC-AE	HGDTPAION	Mercury(II) DTPA ion(-3)	C14H18HgN3O10-3		588.902954
PUBLIC-AE	HGEDA2ION	Mercury(II) di(ethylenediamine) ion(+2)	C4H16HgN4+2		320.788727
PUBLIC-AE	HGEDAION	Mercury(II) monoethylenediamine ion(+2)	C2H8HgN2+2		260.689362
PUBLIC-AE	HGEDTAION	Mercury(II) EDTA ion(-2)	C10H12HgN2O8-2		488.805237
PUBLIC-AE	HGEL	Mercury	Hg		200.589996
PUBLIC-AE	HGF2	Mercury(II) fluoride	F2Hg	7783-39-3	238.586807
PUBLIC-AE	HGFION	Mercury(II) monofluoride ion(+1)	FHg+1		219.588409
PUBLIC-AE	HGGLYCIN2	Mercury(II) diglycine	C4H8HgN2O4		348.709167
PUBLIC-AE	HGGLYCINION	Mercury(II) monoglycine ion(+1)	C2H4HgNO2+1		274.649567
PUBLIC-AE	HGGLYCOL2	Mercury(II) glycolate	C4H6HgO6		350.678619
PUBLIC-AE	HGGLYCOLION	Mercury(II) monoglycolate ion(+1)	C2H3HgO3+1		275.634308

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HGH2EDA2ION	Mercury(II) dihydrogen di(ethylenediamine) ion(+4)	C4H18HgN4+4		322.804657
PUBLIC-AE	HGH2EDA3ION	Mercury(II) dihydrogen tri(ethylenediamine) ion(+4)	C6H26HgN6+4		382.904022
PUBLIC-AE	HGH2EDTA	Mercury(II) dihydrogen EDTA	C10H14HgN2O8		490.821167
PUBLIC-AE	HGH3DTPA	Mercury(II) trihydrogen DTPA	C14H21HgN3O10		591.92688
PUBLIC-AE	HGHCTRT	Mercury(II) hydrogen citrate	C6H6HgO7		390.700226
PUBLIC-AE	HGHDTPAION	Mercury(II) hydrogen DTPA ion(-2)	C14H19HgN3O10-2		589.91095
PUBLIC-AE	HGHEDA2ION	Mercury(II) hydrogen di(ethylenediamine) ion(+3)	C4H17HgN4+3		321.796692
PUBLIC-AE	HGHEDTAION	Mercury(II) hydrogen EDTA ion(-1)	C10H13HgN2O8-1		489.813202
PUBLIC-AE	HGHNTA	Mercury(II) hydrogen NTA	C6H7HgNO6		389.715485
PUBLIC-AE	HGI2	Mercury(II) iodide	HgI2	7774-29-0	454.399994
PUBLIC-AE	HGI3ION	Mercury(II) triiodide ion(-1)	HgI3-1		581.304993
PUBLIC-AE	HGI4ION	Mercury(II) tetraiodide ion(-2)	HgI4-2		708.210022
PUBLIC-AE	HGIION	Mercury(II) monoiodide ion(+1)	HgI+1		327.494995
PUBLIC-AE	HGION	Mercury(II) ion(+2)	Hg+2		200.589996
PUBLIC-AE	HGLUTARION	Hydrogen glutaric acid ion(-1)	C5H7O4-1		131.108887
PUBLIC-AE	HGLYCINION	Hydrogen glycine ion(+1)	C2H6NO2+1		76.075523
PUBLIC-AE	HGLYGLYCN	N-Glycylglycine	C4H8N2O3	556-50-3	132.119766
PUBLIC-AE	HGMEXH2ION	Mercury(II) di(2-aminoethanol) ion(+2)	C4H14HgN2O2+2		322.758179
PUBLIC-AE	HGMEXHION	Mercury(II) mono(2-aminoethanol) ion(+2)	C2H7HgNO+2		261.674103
PUBLIC-AE	HGMOO4	Mercury(II) molybdate(VI)	HgMoO4		360.527588
PUBLIC-AE	HGNH32ION	Mercury(II) diammonia ion(+2)	H6HgN2+2		234.651215
PUBLIC-AE	HGNH33ION	Mercury(II) triammonia ion(+2)	H9HgN3+2		251.681824
PUBLIC-AE	HGNH34ION	Mercury(II) tetraammonia ion(+2)	H12HgN4+2		268.712433
PUBLIC-AE	HGNH3ION	Mercury(II) monoammonia ion(+2)	H3HgN+2		217.620605
PUBLIC-AE	HGNTAION	Mercury(II) NTA ion(-1)	C6H6HgNO6-1		388.70752
PUBLIC-AE	HGO	Mercury(II) oxide	HgO	21908-53-2	216.589401
PUBLIC-AE	HGOH2	Mercury(II) hydroxide	H2HgO2		234.604736
PUBLIC-AE	HGOH3ION	Mercury(II) trihydroxide ion(-1)	H3HgO3-1		251.612106
PUBLIC-AE	HGOHEDAION	Mercury(II) monohydroxide ethylenediamine ion(+1)	C2H9HgN2O+1		277.696716
PUBLIC-AE	HGOHION	Mercury(II) monohydroxide ion(+1)	HHgO+1		217.597366
PUBLIC-AE	HGS	Mercury(II) sulfide	HgS	1344-48-5	232.656006
PUBLIC-AE	HGSCN2	Mercury(II) thiocyanate	C2HgN2S2	592-85-8	316.757599
PUBLIC-AE	HGSCN3ION	Mercury(II) tri(thiocyanate) ion(-1)	C3HgN3S3-1		374.8414
PUBLIC-AE	HGSCN4ION	Mercury(II) tetra(thiocyanate) ion(-2)	C4HgN4S4-2		432.925201
PUBLIC-AE	HGSCNION	Mercury(II) monothiocyanate ion(+1)	CHgNS+1		258.673798
PUBLIC-AE	HGSE	Mercury(II) selenide	HgSe		279.549988
PUBLIC-AE	HGSEO3	Mercury(II) selenite(IV)	HgO3Se		327.548187
PUBLIC-AE	HGSEO4	Mercury(II) selenate(VI)	HgO4Se		343.547607
PUBLIC-AE	HGTARTRT	Mercury(II) tartrate	C4H4HgO6		348.662689
PUBLIC-AE	HGTEXH2ION	Mercury(II) di(triethanolamine) ion(+2)	C12H30HgN2O6+2		498.972107
PUBLIC-AE	HGTEXHION	Mercury(II) monotriethanolamine ion(+2)	C6H15HgNO3+2		349.781036
PUBLIC-AE	HGWO4	Mercury(II) tungstate(VI)	HgO4W		448.437592
PUBLIC-AE	HHDRAION	Hydrogen hydroxylamine ion(+1)	H4NO+1		34.037979
PUBLIC-AE	HHEPTYLION	Hydrogen 1-Heptanamine ion(+1)	C7H18N+1		116.227859
PUBLIC-AE	HI	Hydrogen iodide	HI	10034-85-2	127.912971
PUBLIC-AE	HIDAION	Hydrogen IDA ion(-1)	C4H6NO4-1		132.096527
PUBLIC-AE	HIE96SOL				715.294006
PUBLIC-AE	HIO	Hypoiodous(I) acid	HIO	14332-21-9	143.912369
PUBLIC-AE	HIO3	Iodic(V) acid	HIO3	7782-68-5	175.911163
PUBLIC-AE	HIOD3	Hydrogen triiodide	HI3		381.722961

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HIODO4	Periodic(VII) acid (anhydrous)	HIO4		191.910568
PUBLIC-AE	HION	Hydrogen ion(+1)	H+1		1.00797
PUBLIC-AE	HIPHTHTION	Hydrogen isophthalic acid ion(-1)	C8H5O4-1		165.126251
PUBLIC-AE	HITACONTION	Hydrogen itaconic acid ion(-1)	C5H5O4-1		129.092957
PUBLIC-AE	HLALANION	Hydrogen L-alanine ion(+1)	C3H8NO2+1		90.102562
PUBLIC-AE	HLARGINION	Hydrogen L-arginine ion(+1)	C6H15N4O2+1		175.211746
PUBLIC-AE	HLASPARGION	Hydrogen L-asparagine ion(+1)	C4H9N2O3+1		133.127731
PUBLIC-AE	HLASPION	Hydrogen L-aspartic acid ion(-1)	C4H6NO4-1		132.096527
PUBLIC-AE	HLGLUTAMION	Hydrogen L-glutamine ion(+1)	C5H11N2O3+1		147.15477
PUBLIC-AE	HLGLUTION	Hydrogen L-glutamic acid ion(-1)	C5H8NO4-1		146.123566
PUBLIC-AE	HLHDPROLN	4-Hydroxyproline	C5H9NO3	51-35-4	131.132126
PUBLIC-AE	HLHISTIDN	Histidine	C6H9N3O2	71-00-1	155.157227
PUBLIC-AE	HLILEUCNION	Hydrogen L-isoleucine ion(+1)	C6H14NO2+1		132.183685
PUBLIC-AE	HLLACTICACION	Hydrogen L-lactic acid ion(-1)	C3H5O3-1		89.07135
PUBLIC-AE	HLLEUCINION	Hydrogen L-leucine ion(+1)	C6H14NO2+1		132.183685
PUBLIC-AE	HLMETHINN	L-Methionine	C5H11NO2S	63-68-3	149.214676
PUBLIC-AE	HLPHEALION	Hydrogen L-phenylalanine ion(+1)	C9H12NO2+1		166.201035
PUBLIC-AE	HLPROLINE	L-Proline	C5H9NO2	147-85-3	115.132729
PUBLIC-AE	HLSERNION	Hydrogen L-serine ion(+1)	C3H8NO3+1		106.101959
PUBLIC-AE	HLTRYPTOPH	L-Tryptophane	C11H12N2O2	73-22-3	204.229935
PUBLIC-AE	HLTYROSNION	Hydrogen L-tyrosine ion(-1)	C9H10NO3-1		180.184494
PUBLIC-AE	HLVALINEION	Hydrogen L-valine ion(+1)	C5H12NO2+1		118.156639
PUBLIC-AE	HLYSINE	Lysine	C6H14N2O2	56-87-1	146.190384
PUBLIC-AE	HMALEICION	Hydrogen maleic acid ion(-1)	C4H3O4-1		115.06591
PUBLIC-AE	HMALICTION	Hydrogen malic acid ion(-1)	C4H5O5-1		133.081253
PUBLIC-AE	HMALONATION	Hydrogen malonic acid ion(-1)	C3H3O4-1		103.05481
PUBLIC-AE	HMAMBNZAC	2-(Methylamino)benzoic acid	C8H9NO2	119-68-6	151.166031
PUBLIC-AE	HME2ALANION	Hydrogen 2-methylalanine ion(+1)	C4H10NO2+1		104.129601
PUBLIC-AE	HMELN6AION	Hydrogen hexamethylenediamine ion(+1)	C6H17N2+1		117.215492
PUBLIC-AE	HMNO4	Permanganic(VII) acid	HMnO4		119.943573
PUBLIC-AE	HMOO4ION	Hydrogen molybdenate ion(-1)	HMoO4-1		160.945572
PUBLIC-AE	HMSALICYLION	Hydrogen m-salicylic acid ion(-1)	C7H5O3-1		137.115753
PUBLIC-AE	HMX	2,4,6,8H-N,N,N,N-Tetranitro-1,3,5,7-tetrazocine	C4H8N8O8	2691-41-0	296.156952
PUBLIC-AE	HNBO3	Niobic(V) acid	HNbO3		141.912567
PUBLIC-AE	HNDMAION	Hydrogen N-methyl-N-nitrosomethanamine ion(+1)	C2H7N2O+1		75.09079
PUBLIC-AE	HNH2CO2	Carbamic acid	CH3NO2	463-77-4	61.040508
PUBLIC-AE	HNHEXYLAMION	Hydrogen n-hexylamine ion(+1)	C6H16N+1		102.200821
PUBLIC-AE	HNICOTACD	Nicotinic acid	C6H5NO2	59-67-6	123.111954
PUBLIC-AE	HNO2	Nitrous(III) acid	HNO2	7782-77-6	47.01347
PUBLIC-AE	HNO3	Nitric acid	HNO3	7697-37-2	63.012871
PUBLIC-AE	HNORLEUCION	Hydrogen DL-norleucine ion(+1)	C6H14NO2+1		132.183685
PUBLIC-AE	HNORVALNION	Hydrogen DL-norvaline ion(+1)	C5H12NO2+1		118.156639
PUBLIC-AE	HNTAION	Hydrogen NTA ion(-2)	C6H7NO6-2		189.125488
PUBLIC-AE	HO2CO33	Holmium(III) carbonate	C3Ho2O9		509.888702
PUBLIC-AE	HO2ION	Hydrogen peroxide ion(-1)	HO2-1		33.006771
PUBLIC-AE	HO2SO43	Holmium(III) sulfate	Ho2O12S3		618.051575
PUBLIC-AE	HO2SO43.8H2O	Holmium(III) sulfate octahydrate	H16Ho2O20S3		762.174316
PUBLIC-AE	HO2TRTRT3	Holmium(III) tartrate	C12H12Ho2O18		774.078857
PUBLIC-AE	HOACET2ION	Holmium(III) diacetate ion(+1)	C4H6HoO4+1		283.020233
PUBLIC-AE	HOACET3	Holmium(III) acetate	C6H9HoO6		342.065125

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HOACETION	Holmium(III) monoacetate ion(+2)	C2H3HoO2+2		223.975311
PUBLIC-AE	HOBR3	Holmium(III) bromide	Br3Ho		404.642395
PUBLIC-AE	HOCL2ION	Holmium(III) dichloride ion(+1)	Cl2Ho+1		235.836395
PUBLIC-AE	HOCL3	Holmium(III) chloride	Cl3Ho	10138-62-2	271.289398
PUBLIC-AE	HOCL3.6H2O	Holmium(III) chloride hexahydrate	Cl3H12HoO6		379.381439
PUBLIC-AE	HOCL4ION	Holmium(III) tetrachloride ion(-1)	Cl4Ho-1		306.742401
PUBLIC-AE	HOCLION	Holmium(III) monochloride ion(+2)	ClHo+2		200.383408
PUBLIC-AE	HOCO3ION	Holmium(III) carbonate ion(+1)	CHoO3+1		224.939697
PUBLIC-AE	HOCTRT	Holmium(III) citrate	C6H5HoO7		354.032654
PUBLIC-AE	HOCTYLION	Hydrogen n-octylamine ion(+1)	C8H20N+1		130.254898
PUBLIC-AE	HODTPAION	Holmium(III) DTPA ion(-2)	C14H18HoN3O10-2		553.243347
PUBLIC-AE	HOEDTAION	Holmium(III) EDTA ion(-1)	C10H12HoN2O8-1		453.14563
PUBLIC-AE	HOEL	Holmium	Ho	7440-60-0	164.930405
PUBLIC-AE	HOF2ION	Holmium(III) difluoride ion(+1)	F2Ho+1		202.9272
PUBLIC-AE	HOF3	Holmium fluoride	F3Ho		221.925613
PUBLIC-AE	HOF4ION	Holmium(III) tetrafluoride ion(-1)	F4Ho-1		240.924011
PUBLIC-AE	HOFION	Holmium(III) monofluoride ion(+2)	FHo+2		183.928802
PUBLIC-AE	HOH2DTPA	Holmium(III) dihydrogen DTPA	C14H20HoN3O10		555.259277
PUBLIC-AE	HOH2PO4ION	Holmium(III) dihydrogen orthophosphate(V) ion(+2)	H2HoO4P+2		261.917694
PUBLIC-AE	HOHCO3ION	Holmium(III) bicarbonate ion(+2)	CHHoO3+2		225.947678
PUBLIC-AE	HOHDTPAION	Holmium(III) hydrogen DTPA ion(-1)	C14H19HoN3O10-1		554.251343
PUBLIC-AE	HOHEDTA	Holmium(III) hydrogen EDTA	C10H13HoN2O8		454.153595
PUBLIC-AE	HOION	Holmium ion(+3)	Ho+3		164.930405
PUBLIC-AE	HOMOO4ION	Holmium(III) molybdate ion(+1)	HoMoO4+1		324.868011
PUBLIC-AE	HONO33	Holmium(III) nitrate	HoN3O9		350.945099
PUBLIC-AE	HONO3ION	Holmium(III) mononitrate ion(+2)	HoNO3+2		226.935303
PUBLIC-AE	HONTA	Holmium(III) NTA	C6H6HoNO6		353.047913
PUBLIC-AE	HONTA2ION	Holmium(III) di-NTA ion(-3)	C12H12HoN2O12-3		541.165466
PUBLIC-AE	HOOH2ION	Holmium(III) dihydroxide ion(+1)	H2HoO2+1		198.945145
PUBLIC-AE	HOOH3	Holmium(III) hydroxide	H3HoO3		215.952515
PUBLIC-AE	HOOH4ION	Holmium(III) tetrahydroxide ion(-1)	H4HoO4-1		232.959885
PUBLIC-AE	HOOHION	Holmium(III) monohydroxide ion(+2)	HHoO+2		181.937775
PUBLIC-AE	HOHNNTAION	Holmium(III) hydroxide NTA ion(-1)	C6H7HoNO7-1		370.055298
PUBLIC-AE	HOPO4	Holmium(III) orthophosphate	HoO4P		259.901764
PUBLIC-AE	HOPO4.2H2O	Holmium(III) orthophosphate dihydrate	H4HoO6P		295.932434
PUBLIC-AE	HOSALICYLION	Hydrogen salicylic acid ion(-1)	C7H5O3-1		137.115753
PUBLIC-AE	HOSO42ION	Holmium(III) disulfate ion(-1)	HoO8S2-1		357.057587
PUBLIC-AE	HOSO4ION	Holmium(III) monosulfate ion(+1)	HoO4S+1		260.993988
PUBLIC-AE	HOTRTRTION	Holmium(III) tatrtrate ion(+1)	C4H4HoO6+1		313.003082
PUBLIC-AE	HOXALATION	Hydrogen oxalate ion(-1)	C2HO4-1		89.027771
PUBLIC-AE	HP2O7ION	Hydrogen pyrophosphate(V) ion(-3)	HO7P2-3		174.951294
PUBLIC-AE	HPBO2ION	Hydrogen dioxylead ion(-1)	HO2Pb-1		240.206772
PUBLIC-AE	HPHTHLTION	Hydrogen phthalic acid ion(-1)	C8H5O4-1		165.126251
PUBLIC-AE	HPIMELATION	Hydrogen pimelic acid ion(-1)	C7H11O4-1		159.162964
PUBLIC-AE	HPPIPERAZINEION	Hydrogen 1,4-diazacyclohexane ion(+1)	C4H11N2+1		87.14547
PUBLIC-AE	HPZIPNCARB	Protonated piperazine carbamate	C5H10N2O2		130.1474
PUBLIC-AE	HPNOICACID	Heptanoic acid	C7H14O2	111-14-8	130.18808
PUBLIC-AE	HPO3ION	Hydrogen metaphosphate(III) ion(-2)	HO3P-2		79.979927
PUBLIC-AE	HPO4ION	Hydrogen orthophosphate(V) ion (-2)	HO4P-2		95.979332
PUBLIC-AE	HPROPANATE	Propionic Acid	C3H6O2	79-09-4	74.079918

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HPS10SOL				209.007996
PUBLIC-AE	HPS12SOL				216.007996
PUBLIC-AE	HPS16SOL				228.007996
PUBLIC-AE	HPS20SOL				248.007996
PUBLIC-AE	HPS4SOL				191.007996
PUBLIC-AE	HPS6SOL				197.007996
PUBLIC-AE	HPS8SOL				203.007996
PUBLIC-AE	HPSALICYLION	Hydrogen p-salicylic acid ion(-1)	C7H5O3-1		137.115753
PUBLIC-AE	HPTCOSAN	Heptacosane	C27H56	593-49-7	380.746033
PUBLIC-AE	HPTDATION	Heptadecanoic acid ion(-1)	C17H33O2-1		269.4505
PUBLIC-AE	HPTDECANL1	1-Heptadecanol	C17H36O	1454-85-9	256.475006
PUBLIC-AE	HPTDECNOAC	Heptadecanoic acid	C17H34O2	506-12-7	270.458466
PUBLIC-AE	HPYRIDINION	Hydrogen pyridine ion(+1)	C5H6N+1		80.110023
PUBLIC-AE	HPYROGLUTAION	Hydrogen L-pyroglyutamic acid ion(-1)	C5H6NO3-1		128.108215
PUBLIC-AE	HREO4	Tetraoxorhenic(VII) acid	HO4Re		251.21257
PUBLIC-AE	HSARCOSNIION	Hydrogen sarcosine ion(+1)	C3H8NO2+1		90.102562
PUBLIC-AE	HSCN	Thiocyanic acid	CHNS	463-56-9	59.09177
PUBLIC-AE	HSEBACATION	Hydrogen sebacic acid ion(-1)	C10H17O4-1		201.244095
PUBLIC-AE	HSECN	Selenocyanic acid	CHNSe		105.985771
PUBLIC-AE	HSEION	Hydrogen selenide ion (-1)	HSe-1		79.967972
PUBLIC-AE	HSEO3ION	Hydrogen selenite(IV) ion (-1)	HSeO3-1		127.966171
PUBLIC-AE	HSEO4ION	Hydrogen selenate(VI) ion(-1)	HO4Se-1		143.965576
PUBLIC-AE	HSIF6ION	Hydrogen hexafluorosilicate ion(-1)	F6HSi-1		143.083893
PUBLIC-AE	HSION	Hydrogen sulfide ion (-1)	HS-1		33.073971
PUBLIC-AE	HSO3ION	Bisulfite(IV) ion (-1)	HO3S-1		81.072166
PUBLIC-AE	HSO4ION	Bisulfate(VI) ion (-1)	HO4S-1		97.071571
PUBLIC-AE	HSO5ION	Hydrogen persulfate(VIII) ion (-1)	HO5S-1		113.070969
PUBLIC-AE	HSUBERATION	Hydrogen suberic acid ion(-1)	C8H13O4-1		173.190002
PUBLIC-AE	HSUCCNATION	Hydrogen succinic acid ion(-1)	C4H5O4-1		117.081848
PUBLIC-AE	HSUCROSEION	Hydrogen sucrose ion(-7)	C12H15O11-7		335.246155
PUBLIC-AE	HTAO3	Tantal(V) acid	HO3Ta		229.954071
PUBLIC-AE	HTARTRTION	Hydrogen tartrate ion(-1)	C4H5O6-1		149.080643
PUBLIC-AE	HTCVIIO4	Pertechnetic(VII) acid	HO4Tc		163.911819
PUBLIC-AE	HTDNAP1234	6-Hexyltetralin	C16H24	66325-11-9	216.368881
PUBLIC-AE	HTEION	Hydrogen telluride ion(-1)	HTe-1		128.607971
PUBLIC-AE	HTEIVO3ION	Hydrogen tellurite(IV) ion(-1)	HO3Te-1		176.606171
PUBLIC-AE	HTEIMEDAMNION	Tetramethylenediammonium ion(+1)	C4H13N2+1		89.161407
PUBLIC-AE	HTPHTHTION	Hydrogen terephthalic acid ion(-1)	C8H5O4-1		165.126251
PUBLIC-AE	HTPROAION	Hydrogen tripropylamine ion(+1)	C9H22N+1		144.281937
PUBLIC-AE	HVO4ION	Hydrogen pervanadate(V) ion(-2)	HVO4-2		115.947067
PUBLIC-AE	HWO4ION	Hydrogen tungstate(VI) ion(-1)	HO4W-1		248.855576
PUBLIC-AE	HX4NBR	Tetrahexylammonium bromide	C24H52BrN		434.591553
PUBLIC-AE	HX4NCL	Tetrahexylammonium chloride	C24H52ClN		390.140533
PUBLIC-AE	HX4NI	Tetrahexylammonium iodide	C24H52IN		481.592529
PUBLIC-AE	HX4NION	Tetrahexylammonium ion(+1)	C24H52N+1		354.687531
PUBLIC-AE	HXCL13BD	Perchlorobutadiene	C4Cl6	87-68-3	260.76239
PUBLIC-AE	HXCLCYPNTD	Perchlorocyclopentadiene	C5Cl6	77-47-4	272.773499
PUBLIC-AE	HXCLNAPHLN	1,2,3,4,5,6-Hexachloronaphthalene	C10H2Cl6	1335-87-1	334.84494
PUBLIC-AE	HXCLPROPNI	1,1,2,3,3,3-hexachloro-1-propene	C3Cl6	1888-71-7	248.751297
PUBLIC-AE	HXCOSAN	Hexacosane	C26H54	630-01-3	366.718994

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	HXNOICACID	Caproic acid	C6H12O2	142-62-1	116.161041
PUBLIC-AE	HXTACONTAN	n-Hexatriacontane	C36H74	630-06-8	506.98938
PUBLIC-AE	HXYLBNZ	1-Phenylhexane	C12H18	1077-16-3	162.276657
PUBLIC-AE	HXYLNAPHTH	n-Hexylnaphthalene	C16H20	2876-53-1	212.337006
PUBLIC-AE	HYCAPRICAC	2-Hydroxycaproic acid	C6H12O3	6064-63-7	132.160446
PUBLIC-AE	HYD2FURN25	2,5-Dihydrofuran	C4H6O	1708-29-8	70.091621
PUBLIC-AE	HYDRQUINON	1,4-Benzenediol	C6H6O2	123-31-9	110.11322
PUBLIC-AE	HYHEXATION	2-Hydroxycaproic acid ion(-1)	C6H11O3-1		131.152466
PUBLIC-AE	HZRF6ION	Hydrogen hexafluorozirconic acid ion(-1)	F6HZr-1		206.222382
PUBLIC-AE	IBENZENE	Iodobenzene	C6H5I	591-50-4	204.011444
PUBLIC-AE	IBUACRYLAT	Isobutyl acrylate	C7H12O2	106-63-8	128.172134
PUBLIC-AE	IBUBNZ	Isobutylbenzene	C10H14	538-93-2	134.22258
PUBLIC-AE	IBUIBUYRAT	Isobutyl isobutyrate	C8H16O2	97-85-8	144.215118
PUBLIC-AE	IBUTALDHYD	2-Methylpropanal	C4H8O	78-84-2	72.107559
PUBLIC-AE	IBUTAMHION	Hydrogen isobutylamine ion(+1)	C4H12N+1		74.146744
PUBLIC-AE	IBUTAN1	1-Iodobutane	C4H9I	542-69-8	184.021133
PUBLIC-AE	IBUTLFORMT	Isobutyl formate	C5H10O2	542-55-2	102.134003
PUBLIC-AE	IBUTYLACET	Isobutyl acetate	C6H12O2	110-19-0	116.161041
PUBLIC-AE	IBUTYLAMN	Isobutylamine	C4H11N	78-81-9	73.138771
PUBLIC-AE	IBUTYLMCPT	Isobutanethiol	C4H10S	513-44-0	90.190102
PUBLIC-AE	IDAION	IDA ion(-2)	C4H5NO4-2		131.088547
PUBLIC-AE	IEUGENOL	2-Methoxy-4-propenylphenol	C10H12O2	97-54-1	164.205444
PUBLIC-AE	IMETHAN	Methyl iodide	CH3I	74-88-4	141.940002
PUBLIC-AE	IMIN33HION	Hydrogen 3,3'-iminobispropanenitrile ion(+1)	C6H10N3+1		124.166397
PUBLIC-AE	IMIN33PRNL	3,3'-Iminobispropanenitrile	C6H9N3	111-94-4	123.158432
PUBLIC-AE	INDAN	Indan	C9H10	496-11-7	118.179604
PUBLIC-AE	INDANON1	1-Indanone	C9H8O	83-33-0	132.163055
PUBLIC-AE	INDENE	Indene	C9H8	95-13-6	116.163658
PUBLIC-AE	INDENPYREN	Indenopyrene	C22H12	193-39-5	276.339844
PUBLIC-AE	INEL	Indium	In	7440-74-6	114.82
PUBLIC-AE	INION	Indium ion(+3)	In+3		114.82
PUBLIC-AE	INOH3	Indium(III) hydroxide	H3InO3		165.842117
PUBLIC-AE	IOD2EL	Iodine	I2	7553-56-2	253.809998
PUBLIC-AE	IOD3ION	Triiodide ion(-1)	I3-1		380.714996
PUBLIC-AE	IODION	Iodide ion(-1)	I-1		126.904999
PUBLIC-AE	IODO3ION	Iodate(V) ion(-1)	IO3-1		174.903198
PUBLIC-AE	IODO4ION	Periodate(VII) ion(-1)	IO4-1		190.902603
PUBLIC-AE	IODOION	Hypiodate(I) ion(-1)	IO-1		142.904404
PUBLIC-AE	IPENTAN	Isopentane	C5H12	78-78-4	72.151138
PUBLIC-AE	IPENTVALRT	Isopentyl isovalerate	C10H20O2	659-70-1	172.269196
PUBLIC-AE	IPHENOL4	4-Iodophenol	C6H5IO	540-38-5	220.010849
PUBLIC-AE	IPHHTHALAC	Isophthalic acid	C8H6O4	121-91-5	166.134216
PUBLIC-AE	IPHHTHAYLCL	1,3-Benzenedicarbonyl chloride	C8H4Cl2O2	99-63-8	203.025482
PUBLIC-AE	IPHHTHION	Isophthalic acid ion(-2)	C8H4O4-2		164.118286
PUBLIC-AE	IPRAMHION	Hydrogen isopropylamine ion(+1)	C3H10N+1		60.119701
PUBLIC-AE	IPROCHXAN	(1-Methylethyl)cyclohexane	C9H18	696-29-7	126.243362
PUBLIC-AE	IPROCPENTN	Isopropylcyclopentane	C8H16	3875-51-2	112.216316
PUBLIC-AE	IPRODMEBNZ	1-Isopropyl-3,5-dimethylbenzene	C11H16	4706-90-5	148.249619
PUBLIC-AE	IPRONAPH	2-Isopropyl-naphthalene	C13H14	2027-17-0	170.255875
PUBLIC-AE	IPROPCLFRT	Isopropyl chloroformate	C4H7ClO2	108-23-6	122.551987

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	IPROPPFORMT	Isopropyl formate	C4H8O2	625-55-8	88.106956
PUBLIC-AE	IPROPPHEN2	2-Isopropylphenol	C9H12O	88-69-7	136.194946
PUBLIC-AE	IPROPPHEN3	3-Isopropylphenol	C9H12O	618-45-1	136.194946
PUBLIC-AE	IPROPPHEN4	4-Isopropylphenol	C9H12O	99-89-8	136.194946
PUBLIC-AE	IPRPAN1	Propyl iodide	C3H7I	107-08-4	169.994095
PUBLIC-AE	IPRPAN2	Isopropyl iodide	C3H7I	75-30-9	169.994095
PUBLIC-AE	IPRPYLAM	Isopropylamine	C3H9N	75-31-0	59.111729
PUBLIC-AE	ISAMYACET	Isopentyl acetate	C7H14O2	123-92-2	130.18808
PUBLIC-AE	ISBUALCHOL	2-Methyl-1-Propanol	C4H10O	78-83-1	74.123497
PUBLIC-AE	ISBUNITRIL	Isobutyronitrile	C4H7N	78-82-0	69.106888
PUBLIC-AE	ISOBENZAN	Isobenzan	C9H6Cl8O	297-78-9	413.771118
PUBLIC-AE	ISOBUTANE	Isobutane	C4H10	75-28-5	58.1241
PUBLIC-AE	ISOBUTENE	Isobutene	C4H8	115-11-7	56.108158
PUBLIC-AE	ISOPHORONE	Isophoron	C9H14O	78-59-1	138.210876
PUBLIC-AE	ISOPRENE	Isoprene	C5H8	78-79-5	68.119263
PUBLIC-AE	ISOSAFROL	5-(1-propenyl)-1,3-benzodioxole	C10H10O2	120-58-1	162.189499
PUBLIC-AE	ISPROPANOL	2-Propanol	C3H8O	67-63-0	60.096458
PUBLIC-AE	ISQUINOLN	Isoquinoline	C9H7N	119-65-3	129.162384
PUBLIC-AE	ITACONAC	Itaconic acid	C5H6O4	97-65-4	130.100922
PUBLIC-AE	ITACONTION	Itaconic acid ion(-2)	C5H4O4-2		128.084976
PUBLIC-AE	IVALERAT	Ethyl isovalerate	C7H14O2	108-64-5	130.18808
PUBLIC-AE	IVALERICAC	Isovaleric acid	C5H10O2	503-74-2	102.134003
PUBLIC-AE	K1ALSO4	Potassium aluminum sulfate	AlKO8S2		258.207031
PUBLIC-AE	K1ALSO4.12H2O	Potassium aluminum sulfate dodecahydrate	AlH24KO20S2		474.391113
PUBLIC-AE	K1EDTAION	Potassium EDTA ion(-3)	C10H12KN2O8-3		327.313538
PUBLIC-AE	K1FEIICN6ION	Monopotassium ferrocyanide(II) ion(-3)	C6FeKN6-3		251.052094
PUBLIC-AE	K1FEIICN6ION	Monopotassium ferricyanide(III) ion(-2)	C6FeKN6-2		251.052094
PUBLIC-AE	K1SUCCNATEION	Potassium succinate ion	C4H4K1O4-1		155.17218
PUBLIC-AE	K2C2O4	Potassium oxalate	C2K2O4	583-52-8	166.2164
PUBLIC-AE	K2C2O4.1H2O	Potassium oxalate monohydrate	C2H2K2O5		184.231735
PUBLIC-AE	K2CO3	Potassium carbonate	CK2O3	584-08-7	138.205902
PUBLIC-AE	K2CO3.1.5H2O	Potassium carbonate 1.5 hydrate	CH3K2O4.5		165.228912
PUBLIC-AE	K2CR2O7	Potassium dichromate(VI)	Cr2K2O7	7778-50-9	294.184387
PUBLIC-AE	K2CRO4	Potassium chromate(VI)	CrK2O4	7789-00-6	194.190201
PUBLIC-AE	K2HPO4	Potassium hydrogen phosphate(V)	HK2O4P	7758-11-4	174.175934
PUBLIC-AE	K2HPO4.3H2O	Potassium hydrogen orthophosphate(V) trihydrate	H7K2O7P		228.221954
PUBLIC-AE	K2HPO4.6H2O	Potassium hydrogen orthophosphate(V) hexahydrate	H13K2O10P		282.267975
PUBLIC-AE	K2MOO4	Potassium molybdate(VI)	K2MoO4	13446-49-6	238.134201
PUBLIC-AE	K2S	Potassium sulfide	K2S	1312-73-8	110.262604
PUBLIC-AE	K2S2O3	Potassium thiosulfate	K2O3S2	10294-66-3	190.326797
PUBLIC-AE	K2S2O3.0.33H2O	Potassium thiosulfate 0.33-hydrate	H0.66K2O3.33S2		196.271866
PUBLIC-AE	K2S2O3.1.67H2O	Potassium thiosulfate 1.67-hydrate	H3.34K2O4.67S2		220.412415
PUBLIC-AE	K2S2O3.2H2O	Potassium thiosulfate dihydrate	H4K2O5S2		226.357483
PUBLIC-AE	K2S2O3.H2O	Potassium thiosulfate hydrate	H2K2O4S2	13446-67-8	208.342133
PUBLIC-AE	K2S2O8	Potassium persulfate(VII)	K2O8S2		270.323792
PUBLIC-AE	K2SE	Potassium selenide	K2Se		157.156601
PUBLIC-AE	K2SEO3	Potassium selenite(IV)	K2O3Se		205.1548
PUBLIC-AE	K2SEO3.4H2O	Potassium selenite(IV) tetrahydrate	H8K2O7Se		277.216156
PUBLIC-AE	K2SEO4	Potassium selenate(VI)	K2O4Se		221.154205
PUBLIC-AE	K2SIF6	Potassium hexafluorosilicate	F6K2Si		220.272522

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	K2SO3	Potassium sulfite(IV)	K2O3S	10117-38-1	158.260803
PUBLIC-AE	K2SO4	Potassium sulfate(VI)	K2O4S	7778-80-5	174.260193
PUBLIC-AE	K2SO4.1H2O	Potassium sulfate(VI) monohydrate	H2K2O5S		192.275543
PUBLIC-AE	K2SUC	Potassium succinate	C4H4K2O4		194.270477
PUBLIC-AE	K2SUC.3H2O	Potassium succinate trihydrate	C4H10K2O7		248.316498
PUBLIC-AE	K2TEO4	Potassium tellurate	K2O4Te		269.794189
PUBLIC-AE	K2WO4	Potassium tungstate(VI)	K2O4W	7790-60-5	326.044189
PUBLIC-AE	K3CTRT	Potassium citrate	C6H5K3O7		306.397156
PUBLIC-AE	K3CTRT.1H2O	Potassium citrate monohydrate	C6H7K3O8		324.412476
PUBLIC-AE	K3FEIICN6	Potassium ferricyanide(III)	C6FeK3N6		329.248688
PUBLIC-AE	K3NASO42	Glaserite	K3NaO8S2		332.412079
PUBLIC-AE	K3PO4	Potassium orthophosphate(V)	K3O4P	7778-53-2	212.266266
PUBLIC-AE	K3PO4.3H2O	Potassium orthophosphate(V) trihydrate	H6K3O7P		266.312286
PUBLIC-AE	K3PO4.7H2O	Potassium orthophosphate(V) heptahydrate	H14K3O11P		338.373627
PUBLIC-AE	K4FECN6	Potassium ferrocyanide(II)	C6FeK4N6		368.346985
PUBLIC-AE	K4FECN6.3H2O	Potassium ferrocyanide(II) trihydrate	C6FeH6K4N6O3		422.393005
PUBLIC-AE	K4H2CO33	Tetrapotassium carbonate bicarbonate	C3H2K4O9		338.437042
PUBLIC-AE	K4H2CO33.H2O	Potassium sesquicarbonate sesquihydrate	C3H5K4O10.5		365.460052
PUBLIC-AE	KACET	Potassium acetate	C2H3KO2		98.143211
PUBLIC-AE	KBF4	Potassium tetrafluoroborate	BF4K	14075-53-7	125.901939
PUBLIC-AE	KBH4	Potassium tetrahydroborate	BH4K	13762-51-1	53.940208
PUBLIC-AE	KBH4.1H2O	Potassium borohydride monohydrate	BH6KO		71.955511
PUBLIC-AE	KBH4.3H2O	Potassium borohydride trihydrate	BH10KO3		107.986229
PUBLIC-AE	KBNZAT	Potassium benzoate	C7H5KO2		160.214645
PUBLIC-AE	KBO2	Potassium metaborate	BKO2		81.907127
PUBLIC-AE	KBPH4	Potassium tetraphenylborate	C24H20BK	3244-41-5	358.334137
PUBLIC-AE	KBR	Potassium bromide	BrK	7758-02-3	119.002296
PUBLIC-AE	KCL	Potassium chloride	ClK	7447-40-7	74.5513
PUBLIC-AE	KCLO	Potassium hypochlorite	ClKO		90.550697
PUBLIC-AE	KCLO3	Potassium chlorate(V)	ClO3K	3811-04-9	122.5495
PUBLIC-AE	KCN	Potassium cyanide	CKN	151-50-8	65.116096
PUBLIC-AE	KCOOH	Potassium formate	CHKO2	590-29-4	84.116173
PUBLIC-AE	KCTRTION	Potassium citrate ion(-2)	C6H5KO7-2		228.200546
PUBLIC-AE	KEL	Potassium	K	7440-09-7	39.098301
PUBLIC-AE	KEPONE	Decachloroketone	C10Cl10O	143-50-0	490.640411
PUBLIC-AE	KF	Potassium fluoride	FK	7789-23-3	58.096703
PUBLIC-AE	KF.2H2O	Potassium fluoride dihydrate	FH4KO2	13455-21-5	94.12738
PUBLIC-AE	KF.4H2O	Potassium fluoride tetrahydrate	FH8KO4	34341-58-7	130.158066
PUBLIC-AE	KGLYCOL2ION	Potassium diglycolate ion(-1)	C4H6KO6-1		189.18692
PUBLIC-AE	KGLYCOLAT	Potassium glycolate	C2H3KO3		114.142609
PUBLIC-AE	KH2ASO4	Potassium dihydrogen arsenate(V)	AsH2KO4		180.033447
PUBLIC-AE	KH2PO4	Potassium dihydrogen orthophosphate(V)	H2KO4P	7778-77-0	136.085602
PUBLIC-AE	KH3EDTA	Potassium trihydrogen EDTA	C10H15KN2O8		330.337463
PUBLIC-AE	KHCO3	Potassium bicarbonate	CHKO3	298-14-6	100.11557
PUBLIC-AE	KHS	Potassium bisulfide	HKS		72.172272
PUBLIC-AE	KHSO3	Potassium bisulfite(IV)	HKO3S		120.170471
PUBLIC-AE	KHSO4	Potassium bisulfate(VI)	HKO4S	7646-93-7	136.169876
PUBLIC-AE	KHTARTRT	Potassium hydrogen tartrate	C4H5KO6		188.178955
PUBLIC-AE	KI	Potassium iodide	IK	7681-11-0	166.003296
PUBLIC-AE	KIO3	Potassium iodate	IKO3	7758-05-6	214.001495

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	KION	Potassium ion(+1)	K+1		39.098301
PUBLIC-AE	KMGCL3	Potassium magnesium chloride	Cl3KMg		169.762299
PUBLIC-AE	KMGCL3.2H2O	Potassium magnesium chloride dihydrate	Cl3H4KMgO2		205.792984
PUBLIC-AE	KMNO4	Potassium permanganate(VII)	KMnO4	7722-64-7	158.033905
PUBLIC-AE	KNBO3	Potassium niobate(V)	KNbO3		180.002899
PUBLIC-AE	KNH2CO2	Potassium carbamate	CH2KNO2		99.130836
PUBLIC-AE	KNO2	Potassium nitrite(III)	KNO2	7758-09-0	85.103798
PUBLIC-AE	KNO3	Potassium nitrate(VI)	KNO3	7757-79-1	101.103203
PUBLIC-AE	KOH	Potassium hydroxide	HKO	1310-58-3	56.105671
PUBLIC-AE	KOH.1H2O	Potassium hydroxide monohydrate	H3KO2		74.12101
PUBLIC-AE	KOH.2H2O	Potassium hydroxide dihydrate	H5KO3		92.136353
PUBLIC-AE	KPHILL	Dipotassium dialuminum pentasilicon tetradecaoxide pentahydrate	Al2H10K2O19Si5		586.655457
PUBLIC-AE	KPROP	Potassium propionate	C3H5KO2		112.17025
PUBLIC-AE	KR	Krypton	Kr	7439-90-9	83.800003
PUBLIC-AE	KSCN	Potassium thiocyanate	CKNS		97.182098
PUBLIC-AE	KSO4ION	Potassium sulfate(VI) ion(-1)	KO4S-1		135.161896
PUBLIC-AE	KTAO3	Potassium tantalate(V)	KO3Ta		268.044403
PUBLIC-AE	KTARTRTION	Potassium monotartrate ion(-1)	C4H4KO6-1		187.170975
PUBLIC-AE	KTCVIO4	Potassium pertechnetate(VII)	KO4Tc		202.002151
PUBLIC-AE	LA2CO33	Lanthanum(III) carbonate	C3La2O9		457.838898
PUBLIC-AE	LA2MOO43	Lanthanum(III) molybdate(VI)	La2Mo3O12		757.623779
PUBLIC-AE	LA2MOO43.2H2O	Lanthanum(III) molybdate(VI) dihydrate	H4La2Mo3O14		793.65448
PUBLIC-AE	LA2S3	Lanthanum(III) sulfide	La2S3	12031-49-1	374.009003
PUBLIC-AE	LA2SO43	Lanthanum(III) sulfate	La2O12S3		566.00177
PUBLIC-AE	LA2SO43.9H2O	Lanthanum(III) sulfate nonahydrate	H18La2O21S3		728.139832
PUBLIC-AE	LA2TARTRT3	Lanthanum(III) tartrate	C12H12La2O18		722.029053
PUBLIC-AE	LA2WO43	Lanthanum(III) tungstate(VI)	La2O12W3		1021.353821
PUBLIC-AE	LAACET2ION	Lanthanum(III) diacetate ion(+1)	C4H6LaO4+1		256.995331
PUBLIC-AE	LAACET3	Lanthanum(III) acetate	C6H9LaO6		316.040222
PUBLIC-AE	LAACETION	Lanthanum(III) monoacetate ion(+2)	C2H3LaO2+2		197.950409
PUBLIC-AE	LACL2ION	Lanthanum(III) dichloride ion(+1)	Cl2La+1		209.811493
PUBLIC-AE	LACL3	Lanthanum(III) chloride	Cl3La	10099-58-8	245.264496
PUBLIC-AE	LACL3.7H2O	Lanthanum(III) chloride heptahydrate	Cl3H14LaO7	10025-84-0	371.371887
PUBLIC-AE	LACL4ION	Lanthanum(III) tetrachloride ion(-1)	Cl4La-1		280.717499
PUBLIC-AE	LACLION	Lanthanum(III) monochloride ion(+2)	ClLa+2		174.358505
PUBLIC-AE	LACO3ION	Lanthanum(III) carbonate ion(+1)	CLaO3+1		198.914795
PUBLIC-AE	LACOOH2ION	Lanthanum(III) diformate ion(+1)	C2H2LaO4+1		228.941238
PUBLIC-AE	LACOOH3	Lanthanum(III) formate	C3H3LaO6		273.959106
PUBLIC-AE	LACOOHION	Lanthanum(III) monoformate ion(+2)	CHLaO2+2		183.92337
PUBLIC-AE	LACTAMID	Lactamide	C3H7NO2	2043-43-8	89.094589
PUBLIC-AE	LACTICAC	Lactic acid	C3H6O3	598-82-3	90.079323
PUBLIC-AE	LADTPAION	Lanthanum(III) DTPA ion(-2)	C14H18LaN3O10-2		527.218445
PUBLIC-AE	LAEDTAION	Lanthanum(III) EDTA ion(-1)	C10H12LaN2O8-1		427.120728
PUBLIC-AE	LAEL	Lanthanum	La	7439-91-0	138.905502
PUBLIC-AE	LAF2ION	Lanthanum(III) difluoride ion(+1)	F2La+1		176.902313
PUBLIC-AE	LAF3	Lanthanum(III) fluoride	F3La		195.900711
PUBLIC-AE	LAF3.0.5H2O	Lanthanum(III) fluoride hemihydrate	F3HLaO.5		204.908386
PUBLIC-AE	LAF4ION	Lanthanum(III) tetrafluoride ion(-1)	F4La-1		214.899109
PUBLIC-AE	LAFION	Lanthanum(III) monofluoride ion(+2)	FLa+2		157.9039
PUBLIC-AE	LAH2DTPA	Lanthanum(III) dihydrogen DTPA	C14H20LaN3O10		529.234375

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	LAH2PO4ION	Lanthanum(III) dihydrogen orthophosphate ion(+2)	H2LaO4P+2		235.892807
PUBLIC-AE	LAHCO3ION	Lanthanum(III) bicarbonate ion(+2)	CHLaO3+2		199.922775
PUBLIC-AE	LAHDTPAION	Lanthanum(III) hydrogen DTPA ion(-1)	C14H19LaN3O10-1		528.22644
PUBLIC-AE	LAHEDTA	Lanthanum(III) hydrogen EDTA	C10H13LaN2O8		428.128723
PUBLIC-AE	LAHTARTRTION	Lanthanum(III) hydrogen tartrate ion(+2)	C4H5LaO6+2		287.986145
PUBLIC-AE	LAION	Lanthanide ion(+3)	La+3		138.905502
PUBLIC-AE	LALANINE	L-alpha-Alanine	C3H7NO2	56-41-7	89.094589
PUBLIC-AE	LALANNION	L-alpha-Alanine ion(-1)	C3H6NO2-1		88.086617
PUBLIC-AE	LAMOO43ION	Lanthanum(III) trimolybdate ion(-3)	LaMo3O12-3		618.718323
PUBLIC-AE	LAMOO4ION	Lanthanum(III) molybdate ion(+1)	LaMoO4+1		298.843109
PUBLIC-AE	LANO33	Lanthanum(III) nitrate	LaN3O9		324.920197
PUBLIC-AE	LANO33.6H2O	Lanthanum(III) nitrate hexahydrate	H12LaN3O15		433.012238
PUBLIC-AE	LANO3ION	Lanthanum(III) mononitrate ion(+2)	LaNO3+2		200.9104
PUBLIC-AE	LANTA	Lanthanum(III) NTA	C6H6LaNO6		327.02301
PUBLIC-AE	LANTA2ION	Lanthanum(III) di-NTA ion(-3)	C12H12LaN2O12-3		515.140564
PUBLIC-AE	LAOH2ION	Lanthanum(III) dihydroxide ion(+1)	H2LaO2+1		172.920242
PUBLIC-AE	LAOH3	Lanthanum(III) hydroxide	H3LaO3		189.927612
PUBLIC-AE	LAOH4ION	Lanthanum(III) tetrahydroxide ion(-1)	H4LaO4-1		206.934982
PUBLIC-AE	LAOHION	Lanthanum(III) monohydroxide ion(+2)	HLaO+2		155.912872
PUBLIC-AE	LAOHNTAION	Lanthanum(III) hydroxide NTA ion(-1)	C6H7LaNO7-1		344.030396
PUBLIC-AE	LAP04	Lanthanum(III) orthophosphate(V)	LaO4P		233.876862
PUBLIC-AE	LAP04.2H2O	Lanthanum(III) orthophosphate dihydrate	H4LaO6P		269.907532
PUBLIC-AE	LARGININE	L-Arginine	C6H14N4O2	74-97-3	174.203781
PUBLIC-AE	LARGINION	L-Arginine ion(-1)	C6H13N4O2-1		173.195816
PUBLIC-AE	LASO42ION	Lanthanum(III) disulfate ion(-1)	LaO8S2-1		331.032715
PUBLIC-AE	LASO4ION	Lanthanum(III) monosulfate ion(+1)	LaO4S+1		234.969101
PUBLIC-AE	LASPARAGN	L-Asparagine	C4H8N2O3	70-47-3	132.119766
PUBLIC-AE	LASPARGION	L-Asparagine ion(-1)	C4H7N2O3-1		131.111786
PUBLIC-AE	LASPARION	L-Aspartic acid ion(-2)	C4H5NO4-2		131.088547
PUBLIC-AE	LASPARTAC	L-Aspartic acid	C4H7NO4	56-84-8	133.104492
PUBLIC-AE	LATARTR2ION	Lanthanum(III) ditartrate ion(-1)	C8H8LaO12-1		435.050873
PUBLIC-AE	LATARTRTION	Lanthanum(III) monotartrate ion(+1)	C4H4LaO6+1		286.97818
PUBLIC-AE	LAURICACID	Lauric acid	C12H24O2	143-07-7	200.323273
PUBLIC-AE	LEON	Dicalcium tetraaluminum octasilicon tetracosaoxide heptahydrate	Al4Ca2H14O31Si8		922.859131
PUBLIC-AE	LEVULAC	Levulinic acid	C5H8O3	123-76-2	116.117462
PUBLIC-AE	LEVULTION	Levulinic acid ion(-1)	C5H7O3-1		115.109489
PUBLIC-AE	LGLUTAMACA	L-Glutamic acid (alpha)	C5H9NO4	56-86-0	147.131531
PUBLIC-AE	LGLUTAMACB	L-Glutamic acid (beta)	C5H9NO4	56-86-0	147.131531
PUBLIC-AE	LGLUTAMINE	L-Glutamine	C5H11ON2O3	56-85-9	146.146805
PUBLIC-AE	LGLUTAMION	L-Glutamine ion(-1)	C5H9N2O3-1		145.138824
PUBLIC-AE	LGLUTION	L-Glutamic acid ion(-2)	C5H7NO4-2		145.115585
PUBLIC-AE	LHDPROLNION	4-Hydroxyproline ion(-1)	C5H8NO3-1		130.124161
PUBLIC-AE	LHISTIDNION	Histidine ion(-1)	C6H8N3O2-1		154.149261
PUBLIC-AE	LI2C2O4	Lithium oxalate	C2Li2O4	553-91-3	101.901604
PUBLIC-AE	LI2CO3	Lithium carbonate	CLi2O3	554-13-2	73.891098
PUBLIC-AE	LI2CRO4	Lithium chromate(IV)	CrLi2O4	14307-35-8	129.875397
PUBLIC-AE	LI2CRO4.2H2O	Lithium chromate(IV) dihydrate	CrH4Li2O6		165.906082
PUBLIC-AE	LI2S	Lithium sulfide	Li2S	12136-58-2	45.9478
PUBLIC-AE	LI2SO3	Lithium sulfite(IV)	Li2O3S		93.945999
PUBLIC-AE	LI2SO4	Lithium sulfate(VI)	Li2O4S	10377-48-7	109.945396

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	LI2SO4.1H2O	Lithium sulfate(VI) monohydrate	H2Li2O5S		127.960739
PUBLIC-AE	LI2WO4	Lithium tungstate(VI)	Li2O4W		261.729401
PUBLIC-AE	LI3VO4	Lithium orthovanadate(V)	Li3O4V		135.761795
PUBLIC-AE	LI3VO4.1H2O	Lithium orthovanadate(V) monohydrate	H2Li3O5V		153.777145
PUBLIC-AE	LI3VO4.9H2O	Lithium orthovanadate(V) nonahydrate	H18Li3O13V		297.899872
PUBLIC-AE	LIACET	Lithium acetate	C2H3LiO2		65.985809
PUBLIC-AE	LIACET.2H2O	Lithium acetate dihydrate	C2H7LiO4		102.016487
PUBLIC-AE	LIALCO3OH	Dilithium tetraaluminum carbonate dodecahydroxide	Al4Li2CH12O15		385.905701
PUBLIC-AE	LIALCO3OH.3H2O	Dilithium tetraaluminum carbonate dodecahydroxide trihydrate	Al4CH18Li2O18		439.951721
PUBLIC-AE	LIBO2	Lithium metaborate	BLiO2		49.749729
PUBLIC-AE	LIBO2.2H2O	Lithium metaborate dihydrate	BH4LiO4		85.780411
PUBLIC-AE	LIBO2.8H2O	Lithium metaborate octahydrate	BH16LiO10		193.872452
PUBLIC-AE	LIBPH4	Lithium tetraphenylborate	C24H20BLi	14485-20-2	326.176727
PUBLIC-AE	LICL	Lithium chloride	CLi	7447-41-8	42.393902
PUBLIC-AE	LICL.1H2O	Lithium chloride monohydrate	ClH2LiO	16712-20-2	60.409241
PUBLIC-AE	LICL.2H2O	Lithium chloride dihydrate	ClH4LiO2		78.424583
PUBLIC-AE	LICLO	Lithium hypochlorite	CLiO		58.393299
PUBLIC-AE	LICOOH	Lithium formate	CHLiO2		51.958771
PUBLIC-AE	LICOOH.1H2O	Lithium formate monohydrate	CH3LiO3		69.974113
PUBLIC-AE	LICTRTION	Lithium citrate ion(-2)	C6H5LiO7-2		196.043152
PUBLIC-AE	LIDTPAION	Lithium DTPA ion(-4)	C14H18LiN3O10-4		395.253845
PUBLIC-AE	LIEDTAION	Lithium EDTA ion(-3)	C10H12LiN2O8-3		295.156128
PUBLIC-AE	LIEL	Lithium	Li	7439-93-2	6.9409
PUBLIC-AE	LIF	Lithium fluoride	FLi	7789-24-4	25.939302
PUBLIC-AE	LIGLYCOL	Lithium glycolate	C2H3LiO3		81.985207
PUBLIC-AE	LIGLYCOL2ION	Lithium diglycolate ion(-1)	C4H6LiO6-1		157.029526
PUBLIC-AE	LIH2BO3	Lithium dihydrogen orthoborate	BH2LiO3		67.765068
PUBLIC-AE	LIH2CTR	Lithium dihydrogen citrate	C6H7LiO7		198.059097
PUBLIC-AE	LIH2NTA	Lithium dihydrogen NTA	C6H8LiNO6		197.074356
PUBLIC-AE	LIH3EDTA	Lithium trihydrogen EDTA	C10H15LiN2O8		298.180054
PUBLIC-AE	LIH4DTPA	Lithium tetrahydrogen DTPA	C14H22LiN3O10		399.285736
PUBLIC-AE	LIHCO3	Lithium bicarbonate	CHLiO3		67.958168
PUBLIC-AE	LIHS	Lithium bisulfide	HLiS		40.01487
PUBLIC-AE	LIHSO3	Lithium bisulfite(IV)	HLiO3S		88.013069
PUBLIC-AE	LIION	Lithium ion(+1)	Li+1		6.9409
PUBLIC-AE	LILEUCINE	L-Isoleucine	C6H13NO2	73-32-5	131.175705
PUBLIC-AE	LILEUCNION	L-Isoleucine ion(-1)	C6H12NO2-1		130.16774
PUBLIC-AE	LIMO	Lithium molybdate(VI)	Li2MoO4		173.819397
PUBLIC-AE	LIMO.0.75H2O	Lithium molybdate(VI)-0.75-water	H1.5Li2MoO4.75		187.330902
PUBLIC-AE	LINBO3	Lithium niobate(V)	LiNbO3		147.845505
PUBLIC-AE	LINDANE	gamma-1,2,3,4,5,6-Hexachlorocyclohexane	C6H6Cl6	58-89-9	290.832428
PUBLIC-AE	LINH2CO2	Lithium carbamate	CH2LiNO2		66.973442
PUBLIC-AE	LINOLEICAC	Linoleic acid	C18H32O2	60-33-3	280.453644
PUBLIC-AE	LINOLENAC	Linolenic acid	C18H30O2	463-40-1	278.437714
PUBLIC-AE	LINTAION	Lithium NTA ion(-2)	C6H6LiNO6-2		195.058426
PUBLIC-AE	LIOH	Lithium hydroxide	HLiO	1310-65-2	23.948271
PUBLIC-AE	LIOH.1H2O	Lithium hydroxide monohydrate	H3LiO2	1310-66-3	41.963612
PUBLIC-AE	LISO4ION	Lithium sulfate(VI) ion(-1)	LiO4S-1		103.004501
PUBLIC-AE	LITAO3	Lithium tantalate(V)	LiO3Ta		235.886993
PUBLIC-AE	LIVO3	Lithium metavanadate(V)	LiO3V		105.8806

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	LLACTICACION	L-lactic acid ion(-2)	C3H4O3-2		88.063377
PUBLIC-AE	LLEUCINE	L-Leucine	C6H13NO2	61-90-5	131.175705
PUBLIC-AE	LLEUCINION	L-Leucine ion(-1)	C6H12NO2-1		130.16774
PUBLIC-AE	LMETHINNION	L-Methionine ion(-1)	C5H10NO2S-1		148.206696
PUBLIC-AE	LPHEALION	L-Phenylalanine ion(-1)	C9H10NO2-1		164.185104
PUBLIC-AE	LPHENLALAN	L-Phenylalanine	C9H11NO2	63-91-2	165.193069
PUBLIC-AE	LPROLINEION	L-Proline ion(-1)	C5H8NO2-1		114.124763
PUBLIC-AE	LSERINE	L-Serine	C3H7NO3	56-45-1	105.093987
PUBLIC-AE	LSERNION	L-serine ion(-1)	C3H6NO3-1		104.086021
PUBLIC-AE	LTHREONINE	L-Threonine	C4H9NO3	72-19-5	119.121033
PUBLIC-AE	LTHREONION	Threonate ion(-1)	C4H8NO3-1		118.11306
PUBLIC-AE	LTRYPTOPHION	L-Tryptophane ion(-1)	C11H11N2O2-1		203.22197
PUBLIC-AE	LYROSINE	L-Tyrosine	C9H11NO3	60-18-4	181.192474
PUBLIC-AE	LYROSINION	L-Tyrosine ion(-2)	C9H9NO3-2		179.176529
PUBLIC-AE	LU2CO33	Lutetium(III) carbonate	C3Lu2O9		529.961914
PUBLIC-AE	LU2SO43	Lutetium(III) sulfate	Lu2O12S3		638.124817
PUBLIC-AE	LU2SO43.8H2O	Lutetium(III) sulfate octahydrate	H16Lu2O20S3		782.247498
PUBLIC-AE	LU2TRTRT3	Lutetium(III) tartrate	C12H12Lu2O18		794.152039
PUBLIC-AE	LUACET2ION	Lutetium(III) diacetate ion(+1)	C4H6LuO4+1		293.056824
PUBLIC-AE	LUACET3	Lutetium(III) acetate	C6H9LuO6		352.101715
PUBLIC-AE	LUACETION	Lutetium(III) monoacetate ion(+2)	C2H3LuO2+2		234.011917
PUBLIC-AE	LUCL2ION	Lutetium(III) dichloride ion(+1)	Cl2Lu+1		245.873001
PUBLIC-AE	LUCL3	Lutetium(III) chloride	Cl3Lu	10099-66-8	281.325989
PUBLIC-AE	LUCL4ION	Lutetium(III) tetrachloride ion(-1)	Cl4Lu-1		316.778992
PUBLIC-AE	LUCLION	Lutetium(III) monochloride (+2)	ClLu+2		210.419998
PUBLIC-AE	LUCO3ION	Lutetium(III) carbonate ion(+1)	CLuO3+1		234.976303
PUBLIC-AE	LUCTRT	Lutetium(III) citrate	C6H5LuO7		364.069244
PUBLIC-AE	LUDTPAION	Lutetium(III) DTPA ion(-2)	C14H18LuN3O10-2		563.279968
PUBLIC-AE	LUEDTAION	Lutetium(III) EDTA ion(-1)	C10H12LuN2O8-1		463.182251
PUBLIC-AE	LUEL	Lutetium	Lu	7439-94-3	174.966995
PUBLIC-AE	LUF2ION	Lutetium(III) difluoride ion(+1)	F2Lu+1		212.963806
PUBLIC-AE	LUF3	Lutetium(III) fluoride	F3Lu		231.962204
PUBLIC-AE	LUF4ION	Lutetium(III) tetrafluoride ion(-1)	F4Lu-1		250.960617
PUBLIC-AE	LUFION	Lutetium(III) monofluoride ion(+2)	FLu+2		193.965408
PUBLIC-AE	LUH2DTPA	Lutetium(III) dihydrogen DTPA	C14H20LuN3O10		565.295898
PUBLIC-AE	LUH2PO4ION	Lutetium(III) dihydrogen orthophosphate ion(+2)	H2LuO4P+2		271.954315
PUBLIC-AE	LUHCO3ION	Lutetium(III) bicarbonate ion(+2)	CHLuO3+2		235.984268
PUBLIC-AE	LUHDTPAION	Lutetium(III) hydrogen DTPA ion(-1)	C14H19LuN3O10-1		564.287903
PUBLIC-AE	LUHEDTA	Lutetium(III) hydrogen EDTA	C10H13LuN2O8		464.190216
PUBLIC-AE	LUION	Lutetium ion(+3)	Lu+3		174.966995
PUBLIC-AE	LUNO33	Lutetium(III) nitrate	LuN3O9		360.981689
PUBLIC-AE	LUNO3ION	Lutetium(III) mononitrate ion(+2)	LuNO3+2		236.971893
PUBLIC-AE	LUNTA	Lutetium(III) NTA	C6H6LuNO6		363.084534
PUBLIC-AE	LUNTA2ION	Lutetium(III) di-NTA ion(-3)	C12H12LuN2O12-3		551.202026
PUBLIC-AE	LUOH2ION	Lutetium(III) dihydroxide ion(+1)	H2LuO2+1		208.981735
PUBLIC-AE	LUOH3	Lutetium(III) hydroxide	H3LuO3		225.989105
PUBLIC-AE	LUOH4ION	Lutetium(III) tetrahydroxide ion(-1)	H4LuO4-1		242.996475
PUBLIC-AE	LUOHION	Lutetium(III) monohydroxide ion(+2)	HLuO+2		191.974365
PUBLIC-AE	LUOHNATION	Lutetium(III) hydroxide NTA ion(-1)	C6H7LuNO7-1		380.091888
PUBLIC-AE	LUPO4	Lutetium(III) orthophosphate	LuO4P		269.938354

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	LUPO4.2H2O	Lutetium(III) orthophosphate dihydrate	H4LuO6P		305.969055
PUBLIC-AE	LUSO42ION	Lutetium(III) disulfate ion(-1)	LuO8S2-1		367.094208
PUBLIC-AE	LUSO4ION	Lutetium(III) monosulfate ion(+1)	LuO4S+1		271.030609
PUBLIC-AE	LUTRTRTION	Lutetium(III) monotartrate ion(+1)	C4H4O6Lu+1		323.039673
PUBLIC-AE	LVALINE	L-Valine	C5H11NO2	72-18-4	117.148666
PUBLIC-AE	LVALINEION	L-Valine ion(-1)	C5H10NO2-1		116.140701
PUBLIC-AE	LYSINEION	Lysine ion(-1)	C6H13N2O2-1		145.182404
PUBLIC-AE	M22PRNL1	2,2-Dimethyl-1-propanol	C5H12O	75-84-3	88.150543
PUBLIC-AE	M2BTNOL1	2-Methyl-1-butanol	C5H12O	137-32-6	88.150543
PUBLIC-AE	M3BTNOL1	3-Methyl-1-butanol	C5H12O	123-51-3	88.150543
PUBLIC-AE	M3BTNOL2	3-Methyl-2-butanol	C5H12O	598-75-4	88.150543
PUBLIC-AE	M4PNTON2	4-Methyl-2-pentanone	C6H12O	108-10-1	100.161636
PUBLIC-AE	M4PTNOL2	4-Methyl-2-pentanol	C6H14O	108-11-2	102.177582
PUBLIC-AE	MACTAT	Methylacetate	C3H6O2	79-20-9	74.079918
PUBLIC-AE	MALEICION	Maleic acid ion(-2)	C4H2O4-2		114.057938
PUBLIC-AE	MALICAC	Malic acid	C4H6O5	617-48-1	134.089218
PUBLIC-AE	MALICTION	Malic acid ion(-2)	C4H4O5-2		132.073273
PUBLIC-AE	MALONAMD	Malonamide	C3H6N2O2	108-13-4	102.093323
PUBLIC-AE	MALONATION	Malonic acid ion(-2)	C3H2O4-2		102.046837
PUBLIC-AE	MALONICAC	Malonic acid	C3H4O4	141-82-2	104.062782
PUBLIC-AE	MAMBNZACION	2-(Methylamino)benzoic acid ion(-1)	C8H8NO2-1		150.158066
PUBLIC-AE	MANNITOL	Mannitol	C6H14O6	69-65-8	182.174576
PUBLIC-AE	MBR2BNZ	m-Dibromobenzene	C6H4Br2	108-36-1	235.906479
PUBLIC-AE	MBROMID	Methyl bromide	CH3Br	74-83-9	94.939011
PUBLIC-AE	MCLBNZYLCL	m-Chlorobenzoyl chloride	C7H4Cl2O	618-46-2	175.014984
PUBLIC-AE	MCLNITBNZ	m-Chloronitrobenzene	C6H4ClNO2	121-73-3	157.556976
PUBLIC-AE	MCLPHENOL	m-Chlorophenol	C6H5ClO	108-43-0	128.558853
PUBLIC-AE	MCRESOLE	m-Cresol	C7H8O	108-39-4	108.140862
PUBLIC-AE	MCYMENE	m-Cymene	C10H14	535-77-3	134.22258
PUBLIC-AE	MDCLBNZN	m-Dichlorobenzene	C6H4Cl2	541-73-1	147.004486
PUBLIC-AE	MDETBNZ	m-Diethylbenzene	C10H14	141-93-5	134.22258
PUBLIC-AE	MDEXH	Diethanolmethylamine	C5H13NO2	105-59-9	119.164612
PUBLIC-AE	MDEXH2ION	Hydrogen diethanolmethylamine ion(+1)	C5H14NO2+1		120.172577
PUBLIC-AE	ME12BUDIN3	3-Methyl-1,2-butadiene	C5H8	598-25-4	68.119263
PUBLIC-AE	ME1BUT3YN2	2-Methyl-1-butene-3-yne	C5H6	78-80-8	66.103317
PUBLIC-AE	ME1BUTEN3	3-Methyl-1-butene	C5H10	563-45-1	70.135201
PUBLIC-AE	ME1BUTYN3	3-Methyl-1-butyne	C5H8	598-23-2	68.119263
PUBLIC-AE	ME1NAPHTH	1-Methylnaphthalene	C11H10	90-12-0	142.201797
PUBLIC-AE	ME1PENTNE2	2-Methyl-1-pentene	C6H12	763-29-1	84.162239
PUBLIC-AE	ME1PENTNE3	3-Methyl-1-pentene	C6H12	760-20-3	84.162239
PUBLIC-AE	ME1PENTNE4	4-Methyl-1-pentene	C6H12	691-37-2	84.162239
PUBLIC-AE	ME1PNTNOL2	2-Methyl-1-pentanol	C6H14O	105-30-6	102.177582
PUBLIC-AE	ME1PRO3BNZ	1-Methyl-3-propylbenzene	C10H14	1074-43-7	134.22258
PUBLIC-AE	ME1PROBNZ2	1-Methyl-2-propylbenzene	C10H14	1074-17-5	134.22258
PUBLIC-AE	ME2ACETNTL	2-Butyne	C4H6	503-17-3	54.09222
PUBLIC-AE	ME2ALANINE	2-Methylalanine	C4H9NO2	62-57-7	103.121628
PUBLIC-AE	ME2ALANION	2-Methylalanine ion(-1)	C4H8NO2-1		102.113663
PUBLIC-AE	ME2BU1EN23	2,3-Dimethyl-1-butene	C6H12	563-78-0	84.162239
PUBLIC-AE	ME2BU1EN33	3,3-Dimethyl-1-butene	C6H12	558-37-2	84.162239
PUBLIC-AE	ME2BU2EN23	2,3-Dimethyl-2-butene	C6H12	563-79-1	84.162239

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ME2BU2ON33	3,3-Dimethyl-2-butanone	C6H12O	75-97-8	100.161636
PUBLIC-AE	ME2BUTAN22	2,2-Dimethylbutane	C6H14	75-83-2	86.178177
PUBLIC-AE	ME2BUTAN23	2,3-Dimethylbutane	C6H14	79-29-8	86.178177
PUBLIC-AE	ME2BUTEN2	2-Methyl-2-butene	C5H10	513-35-9	70.135201
PUBLIC-AE	ME2BUTNL2	tert-Amyl alcohol	C5H12O	75-85-4	88.150543
PUBLIC-AE	ME2BUTYN2	2-Methyl-1-butene	C5H10	563-46-2	70.135201
PUBLIC-AE	ME2ET3PNTN	2-Methyl-3-ethylpentane	C8H18	609-26-7	114.232262
PUBLIC-AE	ME2ETNOAMN	Dimethylethanolamine	C4H11NO	108-01-0	89.138168
PUBLIC-AE	ME2NAPHTH	2-Methylnaphthalene	C11H10	91-57-6	142.201797
PUBLIC-AE	ME2PENTEN2	2-Methyl-2-pentene	C6H12	625-27-4	84.162239
PUBLIC-AE	ME3CPENTEN	3-Methyl-2-cyclopentene-1-one	C6H8O	2758-18-1	96.129761
PUBLIC-AE	ME3ET3PNTN	3-Methyl-3-ethylpentane	C8H18	1067-08-9	114.232262
PUBLIC-AE	ME4MEBNZAT	Methyl p-toluate	C9H10O2	99-75-2	150.178406
PUBLIC-AE	ME4NBR	Tetramethylammonium bromide	C4H12BrN		154.050735
PUBLIC-AE	ME4NCL	Tetramethylammonium chloride	C4H12ClN		109.599739
PUBLIC-AE	ME4NCLO4	Tetramethylammonium perchlorate	C4H12ClNO4		173.597336
PUBLIC-AE	ME4NF	Tetramethylammonium fluoride	C4H12FN		93.145142
PUBLIC-AE	ME4NI	Tetramethylammonium iodide	C4H12IN		201.051743
PUBLIC-AE	ME4NION	Tetramethylammonium ion(+1)	C4H12N+1		74.146744
PUBLIC-AE	ME4NNO3	Tetramethylammonium nitrate	C4H12N2O3		136.151642
PUBLIC-AE	ME4NOH	Tetramethylammonium hydroxide	C4H13NO		91.154114
PUBLIC-AE	ME5HXOL1	5-Methyl-1-hexanol	C7H16O	627-98-5	116.20462
PUBLIC-AE	ME8NONOL1	8-Methyl-1-nonanol	C10H22O	55505-26-5	158.285736
PUBLIC-AE	MEACANTHB3	3-Methylbenz[a]aceanthrene	C21H16	56-49-5	268.360626
PUBLIC-AE	MEACETLEN	1-Propyne	C3H4	74-99-7	40.065182
PUBLIC-AE	MEACRLTION	Methacrylic acid ion(-1)	C4H5O2-1		85.083054
PUBLIC-AE	MEACROLACT	2-Methyl-2-propene-1,1-dioldiacetate	C8H12O4	10476-95-6	172.182037
PUBLIC-AE	MEACRYAMD2	2-Methylacrylamide	C4H7NO	79-39-0	85.106293
PUBLIC-AE	MEACRYLACD	2-Methyl-2-propenoic acid	C4H6O2	79-41-4	86.091019
PUBLIC-AE	MEACRYLATE	Methyl acrylate	C4H6O2	96-33-3	86.091019
PUBLIC-AE	MEAMHION	Hydrogen methylamine ion(+1)	CH6N+1		32.06562
PUBLIC-AE	MEAMINE	Methylamine	CH5N	74-89-5	31.05765
PUBLIC-AE	MEANTHRA2	2-Methylantracene	C15H12	613-12-7	192.262146
PUBLIC-AE	MEBENZOATE	Methyl benzoate	C8H8O2	93-58-3	136.151367
PUBLIC-AE	MEBIPHENL2	2-Methyl-1,1'-biphenyl	C13H12	643-58-3	168.239944
PUBLIC-AE	MEBNZAC24	2,4-Dimethylbenzoic acid	C9H10O2	611-01-8	150.178406
PUBLIC-AE	MEBNZAC25	2,5-Dimethylbenzoic acid	C9H10O2	610-72-0	150.178406
PUBLIC-AE	MEBNZAC34	3,4-Dimethylbenzoic acid	C9H10O2	619-04-5	150.178406
PUBLIC-AE	MEBNZAC35	3,5-Dimethylbenzoic acid	C9H10O2	499-06-9	150.178406
PUBLIC-AE	MEBNZFUR2	2-Methylbenzofuran	C9H8O	4265-25-2	132.163055
PUBLIC-AE	MEBNZYAMD2	2-Methylbenzyl alcohol	C8H10O	89-95-2	122.1679
PUBLIC-AE	MEBU13EN23	2,3-Dimethyl-1,3-butadiene	C6H10	513-81-5	82.146301
PUBLIC-AE	MEBUTAN223	2,2,3-Trimethylbutane	C7H16	464-06-2	100.205223
PUBLIC-AE	MEBUTEN233	2,3,3-Trimethyl-1-butene	C7H14	594-56-9	98.189278
PUBLIC-AE	MEBUTN2233	2,2,3,3-Tetramethylbutane	C8H18	594-82-1	114.232262
PUBLIC-AE	MEBUTYNOL2	2-Methyl-3-butyn-2-ol	C5H8O	115-19-5	84.11866
PUBLIC-AE	MEC2PENTN3	cis-3-Methyl-2-pentene	C6H12	922-61-2	84.162239
PUBLIC-AE	MEC2PENTN4	cis-4-Methyl-2-pentene	C6H12	691-38-3	84.162239
PUBLIC-AE	MECAPRAT	Methyl decanoate	C11H22O2	110-42-9	186.296234
PUBLIC-AE	MECHEPTN11	1,1-Dimethylcyclopentane	C7H14	1638-26-2	98.189278

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MECHEXAN	Methylcyclohexane	C7H14	108-87-2	98.189278
PUBLIC-AE	MECHEXN11	1,1-Dimethylcyclohexane	C8H16	590-66-9	112.216316
PUBLIC-AE	MECHXOL1	1-Methylcyclohexanol	C7H14O	590-67-0	114.188683
PUBLIC-AE	MECLACET	Methyl chloroacetate	C3H5ClO2	96-34-4	108.524948
PUBLIC-AE	MECLACRYL2	Methyl 2-chloro-2-propenoate	C4H5ClO2	80-63-7	120.536049
PUBLIC-AE	MECPENTAN	Methylcyclopentane	C6H12	96-37-7	84.162239
PUBLIC-AE	MECPENTD	Methylcyclopentadiene	C6H8	26519-91-5	80.130363
PUBLIC-AE	MEDECAN2	2-Methyldecane	C11H24	6975-98-0	156.313385
PUBLIC-AE	MEDECAN4	4-Methyldecane	C11H24	2847-72-5	156.313385
PUBLIC-AE	MEETBNZ12	2-Ethyltoluene	C9H12	611-14-3	120.195541
PUBLIC-AE	MEETBNZ13	m-Ethyltoluene	C9H12	620-14-4	120.195541
PUBLIC-AE	MEETCPEN11	1-Methyl-1-ethylcyclopentane	C8H16	16747-50-5	112.216316
PUBLIC-AE	MEETETHER	Methoxyethane	C3H8O	540-67-0	60.096458
PUBLIC-AE	MEETKETONE	2-Butanone	C4H8O	78-93-3	72.107559
PUBLIC-AE	MEFLUOREN1	1-Methylfluorene	C14H12	1730-37-6	180.251038
PUBLIC-AE	MEFLUOREN4	4-Methylfluorene	C14H12	1556-99-6	180.251038
PUBLIC-AE	MEFORMATE	Methyl formate	C2H4O2	107-31-3	60.052879
PUBLIC-AE	MEHEPENON	2,6-Dimethyl-2,5-heptadiene-4-one	C9H14O	504-20-1	138.210876
PUBLIC-AE	MEHEXANAL2	2-Methylhexanal	C7H14O	925-54-2	114.188683
PUBLIC-AE	MEHEXANAL3	3-Methylhexanal	C7H14O	19269-28-4	114.188683
PUBLIC-AE	MEHEXEN2	2-Methyl-1-hexene	C7H14	6094-02-6	98.189278
PUBLIC-AE	MEHEXEN3	3-Methyl-1-hexene	C7H14	3404-61-3	98.189278
PUBLIC-AE	MEHEXEN4	4-Methyl-1-hexene	C7H14	3769-23-1	98.189278
PUBLIC-AE	MEHPT4OL26	2,6-Dimethyl-4-heptanol	C9H20O	108-82-7	144.258698
PUBLIC-AE	MEHPTAN2	2-Methylheptane	C8H18	592-27-8	114.232262
PUBLIC-AE	MEHPTAN3	3-Methylheptane	C8H18	589-81-1	114.232262
PUBLIC-AE	MEHPTAN4	4-Methylheptane	C8H18	589-53-7	114.232262
PUBLIC-AE	MEHXAN2	2-Methylhexane	C7H16	591-76-4	100.205223
PUBLIC-AE	MEHXAN22	2,2-Dimethylhexane	C8H18	590-73-8	114.232262
PUBLIC-AE	MEHXAN225	2,2,5-Trimethylhexane	C9H20	3522-94-9	128.259293
PUBLIC-AE	MEHXAN23	2,3-Dimethylhexane	C8H18	584-94-1	114.232262
PUBLIC-AE	MEHXAN24	2,4-Dimethylhexane	C8H18	589-43-5	114.232262
PUBLIC-AE	MEHXAN244	2,4,4-Trimethylhexane	C9H20	16747-30-1	128.259293
PUBLIC-AE	MEHXAN25	2,5-Dimethylhexane	C8H18	592-13-2	114.232262
PUBLIC-AE	MEHXAN3	3-Methylhexane	C7H16	589-34-4	100.205223
PUBLIC-AE	MEHXAN33	3,3-Dimethylhexane	C8H18	563-16-6	114.232262
PUBLIC-AE	MEHXAN34	3,4-Dimethylhexane	C8H18	583-48-2	114.232262
PUBLIC-AE	MEHXDECNAT	Methyl hexadecanoate	C17H34O2	112-39-0	270.458466
PUBLIC-AE	MEHXON5	5-Methyl-2-hexanone	C7H14O	110-12-3	114.188683
PUBLIC-AE	MEHYRAZN11	1,1-Dimethylhydrazine	C2H8N2	57-14-7	60.099361
PUBLIC-AE	MEIBUTETH	1-Methoxy-2-methylpropane	C5H12O	625-44-5	88.150543
PUBLIC-AE	MEICYANT	Methyl isothiocyanate	C2H3NS	556-61-6	73.118813
PUBLIC-AE	MEINDAN46	4,6-Dimethylindan	C11H14	1685-82-1	146.233673
PUBLIC-AE	MEINDAN47	4,7-Dimethylindan	C11H14	6682-71-9	146.233673
PUBLIC-AE	MEINDAN5	5-Methylindan	C10H12	874-35-1	132.206635
PUBLIC-AE	MEINDEN1	1-Methylindene	C10H10	767-59-9	130.190704
PUBLIC-AE	MEINDEN123	1,2,3-Trimethylindene	C12H14	4773-83-5	158.244781
PUBLIC-AE	MEINDEN2	2-Methylindene	C10H10	2177-47-1	130.190704
PUBLIC-AE	MEINDOL2	2-Methyl-1H-indole	C9H9N	95-20-5	131.178329
PUBLIC-AE	MEINDOL3	3-Methyl-1H-indole	C9H9N	83-34-1	131.178329

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MEINDOL5	5-Methyl-1H-indole	C9H9N	614-96-0	131.178329
PUBLIC-AE	MEIPROETH	2-Methoxypropane	C4H10O	598-53-8	74.123497
PUBLIC-AE	MEIPRPLKET	Methyl isopropenyl ketone	C5H8O	814-78-8	84.11866
PUBLIC-AE	MEIPRPYKET	2-Acetylpropane	C5H10O	563-80-4	86.134598
PUBLIC-AE	MELAURATE	Methyl dodecanoate	C13H26O2	111-82-0	214.350327
PUBLIC-AE	MELINOL	Methyl cis,cis-9,12-octadecadienoate	C19H34O2	112-63-0	294.480682
PUBLIC-AE	MELN6AMN2	Hexamethylenediamine	C6H16N2	124-09-4	116.20752
PUBLIC-AE	MEMECRYLAT	Methyl methacrylate	C5H8O2	80-62-6	100.118057
PUBLIC-AE	MEMERCAPTAN	Methanethiol	CH4S	74-93-1	48.108978
PUBLIC-AE	MENAPH235	2,3,5-Trimethylnaphthalene	C13H14	2245-38-7	170.255875
PUBLIC-AE	MENAPH236	2,3,6-Trimethylnaphthalene	C13H14	829-26-5	170.255875
PUBLIC-AE	MENAPH26	2,6-Dimethylnaphthalene	C12H12	581-42-0	156.228836
PUBLIC-AE	MENAPH27	2,7-Dimethylnaphthalene	C12H12	582-16-1	156.228836
PUBLIC-AE	MENBUTETH	1-Methoxybutane	C5H12O	628-28-4	88.150543
PUBLIC-AE	MENBUTYRAT	Methyl n-butyrate	C5H10O2	623-42-7	102.134003
PUBLIC-AE	MENONAN2	2-Methylnonane	C10H22	871-83-0	142.286346
PUBLIC-AE	MENONAN3	3-Methylnonane	C10H22	5911-04-6	142.286346
PUBLIC-AE	MENONAN4	4-Methylnonane	C10H22	17301-94-9	142.286346
PUBLIC-AE	MENONAN5	5-Methylnonane	C10H22	15869-85-9	142.286346
PUBLIC-AE	MENONYLKET	2-Hendecanone	C11H22O	112-12-9	170.296844
PUBLIC-AE	MENPENTETH	1-Methoxypentane	C6H14O	628-80-8	102.177582
PUBLIC-AE	MENTHOL1	L-Menthol	C10H20O	2216-51-5	156.269806
PUBLIC-AE	MEOCTAN2	2-Methyloctane	C9H20	3221-61-2	128.259293
PUBLIC-AE	MEOCTAN22	2,2-Dimethyloctane	C10H22	15869-87-1	142.286346
PUBLIC-AE	MEOCTAN3	3-Methyloctane	C9H20	2216-33-3	128.259293
PUBLIC-AE	MEOCTAN4	4-Methyloctane	C9H20	2216-34-4	128.259293
PUBLIC-AE	MEOCTAT	Methyl octanoate	C9H18O2	111-11-5	158.242157
PUBLIC-AE	MEODECAT	Methyl octadecanoate	C19H38O2	112-61-8	298.512573
PUBLIC-AE	MEOLEATE	Methyl oleate	C19H36O2	112-62-9	296.496613
PUBLIC-AE	MEOX2ME12	1,2-Dimethoxyethane	C4H10O2	110-71-4	90.122902
PUBLIC-AE	MEOXBNZ14	1,4-Dimethoxybenzene	C8H10O2	150-78-7	138.167297
PUBLIC-AE	MEOXPHEN34	3,4-Dimethoxyphenol	C8H10O3	2033-89-8	154.166702
PUBLIC-AE	MEOXPHENLP	4-Methoxyphenol	C7H8O2	150-76-5	124.140259
PUBLIC-AE	MEOXYCL	2,2-Bis(p-methoxyphenol)-1,1,1-trichloroethane	C16H15Cl3O2	72-43-5	345.654938
PUBLIC-AE	MEPENTAN2	2-Methylpentane	C6H14	107-83-5	86.178177
PUBLIC-AE	MEPENTAN22	2,2-Dimethylpentane	C7H16	590-35-2	100.205223
PUBLIC-AE	MEPENTAN23	2,3-Dimethylpentane	C7H16	565-59-3	100.205223
PUBLIC-AE	MEPENTAN24	2,4-Dimethylpentane	C7H16	108-08-7	100.205223
PUBLIC-AE	MEPENTAN3	3-Methylpentane	C6H14	96-14-0	86.178177
PUBLIC-AE	MEPENTAN33	3,3-Dimethylpentane	C7H16	562-49-2	100.205223
PUBLIC-AE	MEPENTON24	2,4-Dimethyl-3-pentanone	C7H14O	565-80-0	114.188683
PUBLIC-AE	MEPHEN27	2,7-Dimethylphenanthrene	C16H14	1576-69-8	206.289185
PUBLIC-AE	MEPHEN36	3,6-Dimethylphenanthrene	C16H14	1576-67-6	206.289185
PUBLIC-AE	MEPHENANT9	9-Methylphenanthrene	C15H12	883-20-5	192.262146
PUBLIC-AE	MEPHENTHPE	4,5-Methylenephenanthrene	C15H10	203-64-5	190.246201
PUBLIC-AE	MEPHTHR2	2-Methylphenanthrene	C15H12	2531-84-2	192.262146
PUBLIC-AE	MEPNTAN223	2,2,3-Trimethylpentane	C8H18	564-02-3	114.232262
PUBLIC-AE	MEPNTAN224	2,2,4-Trimethylpentane	C8H18	540-84-1	114.232262
PUBLIC-AE	MEPNTAN233	2,3,3-Trimethylpentane	C8H18	560-21-4	114.232262
PUBLIC-AE	MEPNTAN234	2,3,4-Trimethylpentane	C8H18	565-75-3	114.232262

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MEPNTEN244	2,4,4-Trimethyl-1-pentene	C8H16	107-39-1	112.216316
PUBLIC-AE	MEPNTN2233	2,2,3,3-Tetramethylpentane	C9H20	7154-79-2	128.259293
PUBLIC-AE	MEPNTN2234	2,2,3,4-Tetramethylpentane	C9H20	1186-53-4	128.259293
PUBLIC-AE	MEPNTN2244	2,2,4,4-Tetramethylpentane	C9H20	1070-87-7	128.259293
PUBLIC-AE	MEPNTN2334	2,3,3,4-Tetramethylpentane	C9H20	16747-38-9	128.259293
PUBLIC-AE	MEPNTN2ON3	3-Methylpentan-2-one	C6H12O	565-61-7	100.161636
PUBLIC-AE	MEPNTON432	2-Methyl-2-penten-4-one	C6H10O	141-79-7	98.145699
PUBLIC-AE	MEPROPAMD	2-Methylpropanamide	C4H9NO	563-83-7	87.122231
PUBLIC-AE	MEPROPETH	1-Methoxypropane	C4H10O	557-17-5	74.123497
PUBLIC-AE	MEPRPANATE	Methyl propanoate	C4H8O2	554-12-1	88.106956
PUBLIC-AE	MEPYREN2	2-Methylpyrene	C17H12	3442-78-2	216.284348
PUBLIC-AE	MEPYROLIDN	1-Methyl-2-pyrrolidinone	C5H9NO	872-50-4	99.133331
PUBLIC-AE	MESALICYL	2-(Methoxycarbonyl)phenol	C8H8O3	119-36-8	152.150757
PUBLIC-AE	MESBUTETH	2-Methoxybutane	C5H12O	6795-87-5	88.150543
PUBLIC-AE	MESITYLENE	1,3,5-Trimethylbenzene	C9H12	108-67-8	120.195541
PUBLIC-AE	MESTYRENEO	1-Ethenyl-2-methylbenzene	C9H10	611-15-4	118.179604
PUBLIC-AE	MET2PENTN4	trans-4-Methyl-2-pentene	C6H12	674-76-0	84.162239
PUBLIC-AE	METACRYNTL	Methylacrylonitrile	C4H5N	126-98-7	67.09095
PUBLIC-AE	METBUTETHR	Methyl tert-butyl ether	C5H12O	1634-04-4	88.150543
PUBLIC-AE	METDECAAT	Methyl tetradecanoate	C15H30O2	124-10-7	242.404404
PUBLIC-AE	METHACROLN	2-Methylacrolein	C4H6O	78-85-3	70.091621
PUBLIC-AE	METHACRYCL	2-Methyl-2-propenoyl chloride	C4H5ClO	920-46-7	104.536652
PUBLIC-AE	METHANOL	Methanol	CH4O	67-56-1	32.042381
PUBLIC-AE	METPHENOL	3-Ethylphenol	C8H10O	620-17-7	122.1679
PUBLIC-AE	MEVINETHER	Methyl vinyl ether	C3H6O	107-25-5	58.080521
PUBLIC-AE	MEVINYLKET	3-Butene-2-one	C4H6O	78-94-4	70.091621
PUBLIC-AE	MEXCO2ION	2-Aminoethanol carboxy ion(-1)	C3H6NO3-1		104.086021
PUBLIC-AE	MEXH	2-Aminoethanol	C2H7NO	141-43-5	61.084091
PUBLIC-AE	MEXH2ION	Hydrogen 2-Aminoethanol ion(+1)	C2H8NO+1		62.09206
PUBLIC-AE	MG2FEIICN6	Magnesium ferrocyanide(II)	C6FeMg2N6		260.563812
PUBLIC-AE	MG3PO42	Magnesium orthophosphate(V)	Mg3O8P2	7757-87-1	262.857727
PUBLIC-AE	MG3PO42.22H2O	Magnesium orthophosphate dicosahydrate	H44Mg3O30P2		659.19519
PUBLIC-AE	MG3PO42.8H2O	Magnesium orthophosphate(V) octahydrate	H16Mg3O16P2	13446-23-6	406.980438
PUBLIC-AE	MGACET2	Magnesium acetate	C4H6MgO4		142.394821
PUBLIC-AE	MGACET2.4H2O	Magnesium acetate tetrahydrate	C4H14MgO8		214.456177
PUBLIC-AE	MGACETION	Magnesium monoacetate ion(+1)	C2H3MgO2+1		83.349907
PUBLIC-AE	MGALAN2	Magnesium di(L-alpha-alanine)	C6H12MgN2O4		200.478241
PUBLIC-AE	MGALANION	Magnesium mono(L-alpha-alanine) ion(+1)	C3H6MgNO2+1		112.391617
PUBLIC-AE	MGBNZATION	Magnesium benzoate ion(+1)	C7H5MgO2+1		145.421356
PUBLIC-AE	MGBNZT2	Magnesium benzoate	C14H10MgO4		266.537689
PUBLIC-AE	MGBNZT2.4H2O	Magnesium benzoate tetrahydrate	C14H18MgO8		338.59906
PUBLIC-AE	MGBR2	Magnesium bromide	Br2Mg	7789-48-2	184.113007
PUBLIC-AE	MGBR2.6H2O	Magnesium bromide hexahydrate	Br2H12MgO6		292.205048
PUBLIC-AE	MGC2O4	Magnesium oxalate	C2MgO4	547-66-0	112.324799
PUBLIC-AE	MGC2O4.2H2O	Magnesium oxalate dihydrate	C2H4MgO6		148.355484
PUBLIC-AE	MGC2O42ION	Magnesium dioxalate ion(-2)	C4MgO8-2		200.344604
PUBLIC-AE	MGCL2	Magnesium chloride	Cl2Mg	7786-30-3	95.210999
PUBLIC-AE	MGCL2.2H2O	Magnesium chloride dihydrate	Cl2H4MgO2	19098-17-0	131.241684
PUBLIC-AE	MGCL2.4H2O	Magnesium chloride tetrahydrate	Cl2H8MgO4	22695-80-3	167.272354
PUBLIC-AE	MGCL2.6H2O	Magnesium chloride hexahydrate	Cl2H12MgO6	7791-18-6	203.30304

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MGCL2CO3	Di(magnesium chloride) carbonate	CCl2Mg2O3		179.525299
PUBLIC-AE	MGCL2SO4	Di(magnesium chloride) sulfate	Cl2Mg2O4S		215.579605
PUBLIC-AE	MGCLHCO3	Magnesium chloride bicarbonate	CClHMgO3		120.775269
PUBLIC-AE	MGCLHS	Magnesium chloride bisulfide	ClHMgS		92.83197
PUBLIC-AE	MGCLHSO4	Magnesium chloride bisulfate(VI)	ClHMgO4S		156.829575
PUBLIC-AE	MGClOH	Magnesium chloride hydroxide	ClHMgO		76.765373
PUBLIC-AE	MGCO3	Magnesium carbonate	CMgO3		84.314301
PUBLIC-AE	MGCO3.3H2O	Magnesium carbonate trihydrate	CH6MgO6		138.360321
PUBLIC-AE	MGCOOH2	Magnesium formate	C2H2MgO4	557-39-1	114.340736
PUBLIC-AE	MGCOOH2.2H2O	Magnesium formate dihydrate	C2H6MgO6		150.371414
PUBLIC-AE	MGCOOHION	Magnesium monoformate ion (+1)	CHMgO2+1		69.322868
PUBLIC-AE	MGCR2O7	Magnesium dichromate(VI)	Cr2MgO7		240.292801
PUBLIC-AE	MGCR2O7.5H2O	Magnesium dichromate(VI) pentahydrate	Cr2H10MgO12		330.369507
PUBLIC-AE	MGCR2O7.6H2O	Magnesium dichromate(VI) hexahydrate	Cr2H12MgO13		348.384827
PUBLIC-AE	MGCRO4	Magnesium chromate(VI)	CORROSION-MSEPUBgO4		140.298599
PUBLIC-AE	MGCTRION	Magnesium citrate ion(-1)	C6H5MgO7-1		213.407257
PUBLIC-AE	MGDTPAION	Magnesium DTPA ion(-3)	C14H18MgN3O10-3		412.617195
PUBLIC-AE	MGEDTAION	Magnesium EDTA ion(-2)	C10H12MgN2O8-2		312.520233
PUBLIC-AE	MGEL	Magnesium	Mg	7439-95-4	24.305
PUBLIC-AE	MGF2	Magnesium fluoride	F2Mg	7783-40-6	62.301807
PUBLIC-AE	MGFEHCN6ION	Magnesium monoferricyanide(II) ion(-2)	C6FeMgN6-2		236.258804
PUBLIC-AE	MGFION	Magnesium monofluoride ion(+1)	FMg+1		43.303402
PUBLIC-AE	MGGLYC2	Magnesium glycolate	C4H6MgO6		174.393616
PUBLIC-AE	MGGLYCIN2	Magnesium diglycine	C4H8MgN2O4		172.424164
PUBLIC-AE	MGGLYCINION	Magnesium monoglycine ion(+1)	C2H4MgNO2+1		98.364578
PUBLIC-AE	MGGLYCOLION	Magnesium monoglycolate ion(+1)	C2H3MgO3+1		99.349312
PUBLIC-AE	MGH2CTRION	Magnesium dihydrogen citrate ion(+1)	C6H7MgO7+1		215.423187
PUBLIC-AE	MGH2EDTA	Magnesium dihydrogen EDTA	C10H14MgN2O8		314.536194
PUBLIC-AE	MGH2PO42	Magnesium dihydrogen orthophosphate	H4MgO8P2	13092-66-5	218.279602
PUBLIC-AE	MGH2PO42.2H2O	Magnesium dihydrogen orthophosphate dihydrate	H8MgO10P2		254.310287
PUBLIC-AE	MGH2PO42.4H2O	Magnesium dihydrogen orthophosphate tetrahydrate	H12MgO12P2		290.340973
PUBLIC-AE	MGH2PO4ION	Magnesium dihydrogen orthophosphate(V) ion(+1)	H2MgO4P+1		121.292297
PUBLIC-AE	MGH2SIO4	Magnesium dihydrogen orthosilicate	H2MgO4Si		118.404037
PUBLIC-AE	MGH3DTPA	Magnesium trihydrogen DTPA	C14H21MgN3O10		415.641876
PUBLIC-AE	MGHCO32	Magnesium bicarbonate	C2H2MgO6		146.339539
PUBLIC-AE	MGHCO32CO3	Di(magnesium bicarbonate) carbonate	C3H2Mg2O9		230.653839
PUBLIC-AE	MGHCO32SO4	Di(magnesium bicarbonate) sulfate(VI)	C2H2Mg2O10S		266.70813
PUBLIC-AE	MGHCO3CL	Magnesium bicarbonate chloride	CClHMgO3		120.775269
PUBLIC-AE	MGHCO3HCO3	Magnesium bicarbonate bicarbonate	C2H2MgO6		146.339539
PUBLIC-AE	MGHCO3HS	Magnesium bicarbonate bisulfide	CH2MgO3S		118.39624
PUBLIC-AE	MGHCO3HSO4	Magnesium bicarbonate bisulfate(VI)	CH2MgO7S		182.393845
PUBLIC-AE	MGHCO3ION	Magnesium bicarbonate ion(+1)	CHMgO3+1		85.322273
PUBLIC-AE	MGHCO3OH	Magnesium bicarbonate hydroxide	CH2MgO4		102.329643
PUBLIC-AE	MGHCRT	Magnesium hydrogen citrate	C6H6MgO7		214.415222
PUBLIC-AE	MGHDTPAION	Magnesium hydrogen DTPA ion(-2)	C14H19MgN3O10-2		413.625916
PUBLIC-AE	MGHEDTAION	Magnesium hydrogen EDTA ion(-1)	C10H13MgN2O8-1		313.528198
PUBLIC-AE	MGHNTA	Magnesium hydrogen NTA	C6H7MgNO6		213.430496
PUBLIC-AE	MGHP04	Magnesium hydrogen orthophosphate(V)	HMgO4P	7757-86-0	120.284332
PUBLIC-AE	MGHPO4.3H2O	Magnesium hydrogen orthophosphate trihydrate	H7MgO7P	7782-75-4	174.330353
PUBLIC-AE	MGHS2	Magnesium bisulfide	H2MgS2		90.452942

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MGHSIO3ION	Magnesium hydrogen metasilicate ion(+1)	HMgO3Si+1		101.396667
PUBLIC-AE	MGHSO32	Magnesium bisulfite(IV)	H2MgO6S2		186.449341
PUBLIC-AE	MGHSO42	Magnesium bisulfate(VI)	H2MgO8S2		218.448135
PUBLIC-AE	MGHTARTRTION	Magnesium hydrogen tartrate ion(+1)	C4H5MgO6+1		173.385651
PUBLIC-AE	MGi2	Magnesium iodide	I2Mg	10377-58-9	278.11499
PUBLIC-AE	MGi2.6H2O	Magnesium iodide hexahydrate	H12I2MgO6		386.207031
PUBLIC-AE	MGi2.8H2O	Magnesium iodide octahydrate	H16I2MgO8		422.237732
PUBLIC-AE	MGION	Magnesium ion(+2)	Mg+2		24.305
PUBLIC-AE	MGMOO4	Magnesium molybdate(VI)	MgMoO4		184.242599
PUBLIC-AE	MGMOO4.2H2O	Magnesium molybdate(VI) dihydrate	H4MgMoO6		220.273285
PUBLIC-AE	MGMOO4.5H2O	Magnesium molybdate(VI) pentahydrate	H10MgMoO9		274.319305
PUBLIC-AE	MGMOO4.7H2O	Magnesium molybdate(VI) heptahydrate	H14MgMoO11		310.349976
PUBLIC-AE	MGNH2CO22	Magnesium carbamate	C2H4MgN2O4		144.370087
PUBLIC-AE	MGNO22	Magnesium nitrite(III)	MgN2O4		116.316002
PUBLIC-AE	MGNO32	Magnesium nitrate(V)	MgN2O6	10377-60-3	148.314804
PUBLIC-AE	MGNO32.2H2O	Magnesium nitrate(V) dihydrate	H4MgN2O8		184.345474
PUBLIC-AE	MGNO32.6H2O	Magnesium nitrate hexahydrate	H12MgN2O12		256.40683
PUBLIC-AE	MGNTAION	Magnesium NTA ion(-1)	C6H6MgNO6-1		212.422516
PUBLIC-AE	MGOH2	Magnesium hydroxide	H2MgO2	1309-42-8	58.31974
PUBLIC-AE	MGOHION	Magnesium hydroxide ion(+1)	HMgO+1		41.31237
PUBLIC-AE	MGP2O7ION	Magnesium pyrophosphate(V) ion(-2)	MgO7P2-2		198.248322
PUBLIC-AE	MGPO4ION	Magnesium orthophosphate(V) ion(-1)	MgO4P-1		119.27636
PUBLIC-AE	MGPROP2	Magnesium propanate	C6H10MgO4		170.448898
PUBLIC-AE	MGPROPION	Magnesium monopropionate ion(+1)	C3H5MgO2+1		97.376953
PUBLIC-AE	MGS	Magnesium sulfide	MgS	12032-36-9	56.370998
PUBLIC-AE	MGSEO3	Magnesium selenite(IV)	MgO3Se	15593-61-0	151.263199
PUBLIC-AE	MGSEO3.6H2O	Magnesium selenite(IV) hexahydrate	H12MgO9Se		259.355255
PUBLIC-AE	MGSEO4	Magnesium selenate(VI)	MgO4Se	14986-91-5	167.262604
PUBLIC-AE	MGSEO4.1H2O	Magnesium selenate(VI) monohydrate	H2MgO5Se		185.277939
PUBLIC-AE	MGSEO4.4H2O	Magnesium selenate(VI) tetrahydrate	H8MgO8Se		239.323959
PUBLIC-AE	MGSEO4.6H2O	Magnesium selenate(VI) hexahydrate	H12MgO10Se		275.354645
PUBLIC-AE	MGSO3	Magnesium sulfite	MgO3S	7757-88-2	104.369202
PUBLIC-AE	MGSO3.3H2O	Magnesium sulfite trihydrate	H6MgO6S		158.415222
PUBLIC-AE	MGSO3.6H2O	Magnesium sulfite hexahydrate	H12MgO9S		212.461243
PUBLIC-AE	MGSO4	Magnesium sulfate	MgO4S	7487-88-9	120.368599
PUBLIC-AE	MGSO4.1H2O	Magnesium sulfate monohydrate	H2MgO5S		138.383942
PUBLIC-AE	MGSO4.6H2O	Magnesium sulfate hexahydrate	H12MgO10S		228.460648
PUBLIC-AE	MGSO4.7H2O	Magnesium sulfate heptahydrate	H14MgO11S		246.475983
PUBLIC-AE	MGSO4OH	Magnesium sulfate-0.5-(magnesium hydroxide)	HMg1.5O5S		149.528473
PUBLIC-AE	MGSO4OH.0.5H2O	Magnesium sulfate-0.25-(magnesium hydroxide)-hemihydrate	H1.5Mg1.25O5S		143.956207
PUBLIC-AE	MGTCVIIO42	Magnesium pertechnetate	MgO8Tc2		350.112701
PUBLIC-AE	MGTEO3	Magnesium tellurite(IV)	MgO3Te		199.903198
PUBLIC-AE	MGTEO3.5H2O	Magnesium tellurite(IV) pentahydrate	H10MgO8Te		289.979889
PUBLIC-AE	MGTEO3.6H2O	Magnesium tellurite(IV) hexahydrate	H12MgO9Te		307.995239
PUBLIC-AE	MGTRT	Magnesium tartrate	C4H4MgO6		172.377686
PUBLIC-AE	MGWO4	Magnesium tungstate(VI)	MgO4W	13573-11-0	272.152588
PUBLIC-AE	MIBE	Monoisobutylphthalate	C12H14O4		222.242386
PUBLIC-AE	MINNESOTAIT	Triiron tetrasilicon decaoxide dihydroxide	H2Fe3O12Si4		473.891754
PUBLIC-AE	MIREX	Perchloropentacyclodecane	C10Cl12	2385-85-5	545.546997
PUBLIC-AE	MMESTYREN	1-Methyl-3-ethenylbenzene	C9H10	100-80-1	118.179604

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MN2DTPAION	Dimanganese(II) DTPA ion(-1)	C14H18Mn2N3O10-1		498.188965
PUBLIC-AE	MN3AL2SI3O	Dialuminum trimanganese trisilicon dodecaoxide	Al2Mn3O12Si3		495.026367
PUBLIC-AE	MN3PO42	Manganese(II) orthophosphate	Mn3O8P2		354.756714
PUBLIC-AE	MN3PO42.3H2O	Manganese(II) orthophosphate trihydrate	H6Mn3O11P2		408.802734
PUBLIC-AE	MN3PO42.6H2O	Manganese(II) orthophosphate hexahydrate	H12Mn3O14P2		462.848755
PUBLIC-AE	MNACET2	Manganese(II) acetate	C4H6MnO4		173.027817
PUBLIC-AE	MNACET3ION	Manganese(II) triacetate ion(-1)	C6H9MnO6-1		232.072723
PUBLIC-AE	MNACETION	Manganese(II) monoacetate ion(+1)	C2H3MnO2+1		113.98291
PUBLIC-AE	MNALAN2	Manganese(II) di(L-alpha-alanine)	C6H12MnN2O4		231.111237
PUBLIC-AE	MNALANION	Manganese(II) mono(L-alpha-alanine) ion(+1)	C3H6MnNO2+1		143.024612
PUBLIC-AE	MNBR2	Manganese(II) bromide	Br2Mn	13446-03-2	214.746002
PUBLIC-AE	MNBR2.2H2O	Manganese(II) bromide dihydrate	Br2H4MnO2		250.776688
PUBLIC-AE	MNBR2.4H2O	Manganese(II) bromide tetrahydrate	Br2H8MnO4		286.807373
PUBLIC-AE	MNBRION	Manganese(II) monobromide ion(+1)	BrMn+1		134.841995
PUBLIC-AE	MNC2O4	Manganese(II) oxalate	C2MnO4	640-67-5	142.957794
PUBLIC-AE	MNC2O4.2H2O	Manganese(II) oxalate dihydrate	C2H4MnO6		178.98848
PUBLIC-AE	MNC2O42ION	Manganese(II) dioxalate ion(-2)	C4MnO8-2		230.9776
PUBLIC-AE	MNC2O43ION	Manganese(II) trioxalate ion(-4)	C6MnO12-4		318.997406
PUBLIC-AE	MNCL2	Manganese(II) chloride	Cl2Mn	7773-01-5	125.844002
PUBLIC-AE	MNCL2.1H2O	Manganese(II) chloride monohydrate	Cl2H2MnO		143.859344
PUBLIC-AE	MNCL2.2H2O	Manganese(II) chloride dihydrate	Cl2H4MnO2	20603-88-7	161.87468
PUBLIC-AE	MNCL2.4H2O	Manganese(II) chloride tetrahydrate	Cl2H8MnO4	13446-34-9	197.905365
PUBLIC-AE	MNCLION	Manganese(II) monochloride ion(+1)	ClMn+1		90.390999
PUBLIC-AE	MNCO3	Manganese(II) carbonate	CMnO3	598-62-9	114.947304
PUBLIC-AE	MNCOOH2	Manganese(II) formate	C2H2MnO4		144.97374
PUBLIC-AE	MNCOOHION	Manganese(II) monoformate ion(+1)	CHMnO2+1		99.955872
PUBLIC-AE	MNCTRION	Manganese(II) citrate ion(-1)	C6H5MnO7-1		244.040253
PUBLIC-AE	MNDTPAION	Manganese(II) DTPA ion(-3)	C14H18MnN3O10-3		443.250946
PUBLIC-AE	MNEDA2ION	Manganese(II) di(ethylenediamine) ion(+2)	C4H16MnN4+2		175.136719
PUBLIC-AE	MNEDAION	Manganese(II) monoethylenediamine ion(+2)	C2H8MnN2+2		115.037361
PUBLIC-AE	MNEDTAION	Manganese(II) EDTA ion(-2)	C10H12MnN2O8-2		343.153229
PUBLIC-AE	MNEL	Manganese	Mn	7439-96-5	54.938
PUBLIC-AE	MNF2	Manganese(II) fluoride	F2Mn	7782-64-1	92.934807
PUBLIC-AE	MNF2.4H2O	Manganese(II) fluoride tetrahydrate	F2H8MnO4		164.99617
PUBLIC-AE	MNGLYCIN2	Manganese(II) diglycine	C4H8MnN2O4		203.057159
PUBLIC-AE	MNGLYCINION	Manganese(II) monoglycine ion(+1)	C2H4MnNO2+1		128.997574
PUBLIC-AE	MNGLYCOL2	Manganese(II) glycolate	C4H6MnO6		205.026627
PUBLIC-AE	MNGLYCOLION	Manganese(II) monoglycolate ion(+1)	C2H3MnO3+1		129.982315
PUBLIC-AE	MNH2EDTA	Manganese(II) dihydrogen EDTA	C10H14MnN2O8		345.169189
PUBLIC-AE	MNH3DTPA	Manganese(II) trihydrogen DTPA	C14H21MnN3O10		446.274872
PUBLIC-AE	MNHCO32	Manganese(II) bicarbonate	C2H2MnO6		176.972534
PUBLIC-AE	MNHCTRT	Manganese(II) hydrogen citrate	C6H6MnO7		245.048218
PUBLIC-AE	MNHDTPAION	Manganese(II) hydrogen DTPA ion(-2)	C14H19MnN3O10-2		444.258942
PUBLIC-AE	MNHEDTAION	Manganese(II) hydrogen EDTA ion(-1)	C10H13MnN2O8-1		344.161224
PUBLIC-AE	MNHNTA	Manganese(II) hydrogen NTA	C6H7MnO6		244.063492
PUBLIC-AE	MNHS2	Manganese(II) bisulfide	H2MnS2		121.085938
PUBLIC-AE	MNHSO32	Manganese(II) bisulfite	H2MnO6S2		217.082336
PUBLIC-AE	MNHSO42	Manganese(II) bisulfate	H2MnO8S2		249.081146
PUBLIC-AE	MNI2	Manganese(II) iodide	I2Mn	7790-33-2	308.747986
PUBLIC-AE	MNI2.4H2O	Manganese(II) iodide tetrahydrate	H8I2MnO4		380.809357

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MNION	Manganese ion(+2)	Mn+2		54.938
PUBLIC-AE	MNIT2BNZ	m-Dinitrobenzene	C6H4N2O4	99-65-0	168.109482
PUBLIC-AE	MNMOO4	Manganese(II) molybdate(VI)	MnMoO4	14013-15-1	214.875595
PUBLIC-AE	MNNH2CO22	Manganese(II) carbamate	C2H4MnN2O4		175.003082
PUBLIC-AE	MNNO32	Manganese(II) nitrate	MnN2O6	10377-66-9	178.9478
PUBLIC-AE	MNNO32.1H2O	Manganese(II) nitrate monohydrate	H2MnN2O7		196.963135
PUBLIC-AE	MNNO32.4H2O	Manganese(II) nitrate tetrahydrate	H8MnN2O10		251.009155
PUBLIC-AE	MNNO32.6H2O	Manganese(II) nitrate hexahydrate	H12MnN2O12		287.039825
PUBLIC-AE	MNNO3ION	Manganese(II) nitrate ion(+1)	MnNO3+1		116.942902
PUBLIC-AE	MNNTA2ION	Manganese(II) di-NTA ion(-4)	C12H12MnN2O12-4		431.173035
PUBLIC-AE	MNNTAION	Manganese(II) NTA ion(-1)	C6H6MnNO6-1		243.055527
PUBLIC-AE	MNO4ION	Manganate(VI) ion(-2)	MnO4-2		118.9356
PUBLIC-AE	MNOH2	Manganese(II) hydroxide	H2MnO2	18933-05-6	88.952744
PUBLIC-AE	MNOH3ION	Manganese(II) trihydroxide ion(-1)	H3MnO3-1		105.960114
PUBLIC-AE	MNOH4ION	Manganese(II) tetrahydroxide ion(-2)	H4MnO4-2		122.967484
PUBLIC-AE	MNOHCL	Manganese chloride hydroxide	ClHMnO		107.398369
PUBLIC-AE	MNOHFCO3	Manganese(II) hydroxide bicarbonate	CH2MnO4		132.962646
PUBLIC-AE	MNOHION	Manganese(II) monohydroxide ion (+1)	HMnO+1		71.945374
PUBLIC-AE	MNS	Manganese(II) sulfide	MnS	18820-29-6	87.003998
PUBLIC-AE	MNSE	Manganese(II) selenide	MnSe		133.897995
PUBLIC-AE	MNSEO4	Manganese(II) selenate	MnO4Se		197.895599
PUBLIC-AE	MNSEO4.1H2O	Manganese(II) selenate monohydrate	H2MnO5Se		215.910934
PUBLIC-AE	MNSO3	Manganese(II) sulfite	MnO3S		135.002197
PUBLIC-AE	MNSO4	Manganese(II) sulfate	MnO4S	7785-87-7	151.001602
PUBLIC-AE	MNSO4.1H2O	Manganese(II) sulfate monohydrate	H2MnO5S		169.016937
PUBLIC-AE	MNSO4.5H2O	Manganese(II) sulfate pentahydrate	H10MnO9S		241.078293
PUBLIC-AE	MNSO4.7H2O	Manganese(II) sulfate heptahydrate	H14MnO11S		277.108978
PUBLIC-AE	MNTARTRT	Manganese(II) tartrate	C4H4MnO6		203.010681
PUBLIC-AE	MNVIIO4ION	Manganate ion(-1)	MnO4-1		118.9356
PUBLIC-AE	MNVO32	Manganese(II) metavanadate	MnO6V2		252.817398
PUBLIC-AE	MNWO4	Manganese(II) tungstate(VI)	MnO4W		302.785614
PUBLIC-AE	MOEL	Molybdenum	Mo	7439-98-7	95.940002
PUBLIC-AE	MOION	Molybdenum ion(+3)	Mo+3		95.940002
PUBLIC-AE	MOO2	Molybdenum(IV) oxide	MoO2		127.938797
PUBLIC-AE	MOO3	Molybdenum(VI) oxide	MoO3	1313-27-5	143.938202
PUBLIC-AE	MOO4ION	Molybdenate(VI) ion(-2)	MoO4-2	14259-85-9	159.937607
PUBLIC-AE	MOOH3	Molybdenum(III) hydroxide	H3MoO3		146.962112
PUBLIC-AE	MOPA	3-Methoxypropylamine	C4H11NO	5332-73-0	89.138168
PUBLIC-AE	MOPAHION	Hydrogen 3-methoxypropylamine ion(+1)	C4H12NO+1		90.146141
PUBLIC-AE	MORPHHION	Hydrogen morpholine ion(+1)	C4H10NO+1		88.130203
PUBLIC-AE	MORPHOLN	Morpholine	C4H9NO	110-91-8	87.122231
PUBLIC-AE	MORPHOLN26ION	2,6-dimethylmorpholinium ion	C6H14NO+1		116.18428
PUBLIC-AE	MORPHOLN26ME	2,6-Dimethylmorpholine	C6H13NO	141-91-3	115.176308
PUBLIC-AE	MPEN2EN244	2,4,4-Trimethyl-2-pentene	C8H16	107-40-4	112.216316
PUBLIC-AE	MPROPANAT2	2,2-Dimethylpropanoic acid	C5H10O2	75-98-9	102.134003
PUBLIC-AE	MPROPAT2ION	2,2-Dimethylpropanoic acid ion(-1)	C5H9O2-1		101.12603
PUBLIC-AE	MPYRIDN246	2,4,6-Trimethylpyridine	C8H11N	108-75-8	121.183167
PUBLIC-AE	MSALICYLAC	m-Salicylic acid	C7H6O3	99-06-9	138.123718
PUBLIC-AE	MSALICYLION	m-Salicylic acid ion(-2)	C7H4O3-2		136.107773
PUBLIC-AE	MTERPHENYL	m-Terphenyl	C18H14	92-06-8	230.311386

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	MTOLUICAC	3-Methylbenzoic acid	C8H8O2	99-04-7	136.151367
PUBLIC-AE	MTOLUION	3-Methylbenzoic acid ion(-1)	C8H7O2-1		135.143387
PUBLIC-AE	MTTBUPHE	3-tert-Butylphenol	C10H14O	585-34-2	150.221985
PUBLIC-AE	MXYLENE	1,3-Dimethylbenzene	C8H10	108-38-3	106.168503
PUBLIC-AE	MYRSTICACD	n-Tetradecanoic acid	C14H28O2	544-63-8	228.377365
PUBLIC-AE	N2	Nitrogen	N2	7727-37-9	28.013399
PUBLIC-AE	N2H4	Hydrazine	H4N2	302-01-2	32.04528
PUBLIC-AE	N2H5ION	Hydrogen hydrazine ion(+1)	H5N2+1		33.053249
PUBLIC-AE	N2O	Nitrous oxide	N2O	10024-97-2	44.012798
PUBLIC-AE	N2O4	Dinitrogen tetroxide	N2O4	10544-72-6	92.011002
PUBLIC-AE	NA2B4O7	Sodium tetraborate	B4Na2O7	1330-43-4	201.215866
PUBLIC-AE	NA2B4O7.10H2O	Sodium tetraborate decahydrate	B4H20Na2O17	1303-96-4	381.369263
PUBLIC-AE	NA2B4O7.4H2O	Sodium tetraborate tetrahydrate	B4H8Na2O11		273.277222
PUBLIC-AE	NA2B4O7.5H2O	Sodium tetraborate pentahydrate	B4H10Na2O12	12045-88-4	291.292572
PUBLIC-AE	NA2C2O4	Sodium oxalate	C2Na2O4	62-76-0	133.999741
PUBLIC-AE	NA2CO3	Sodium carbonate	CNa2O3	497-19-8	105.989243
PUBLIC-AE	NA2CO3.10H2O	Sodium carbonate decahydrate	CH20Na2O13		286.142639
PUBLIC-AE	NA2CO3.1H2O	Sodium carbonate monohydrate	CH2Na2O4		124.004578
PUBLIC-AE	NA2CO3.7H2O	Sodium carbonate heptahydrate	CH14Na2O10		232.096619
PUBLIC-AE	NA2CR2O7	Sodium dichromate	Cr2Na2O7	10588-01-9	261.967743
PUBLIC-AE	NA2CR2O7.2H2O	Sodium dichromate dihydrate	Cr2H4Na2O9		297.998413
PUBLIC-AE	NA2CRO4	Sodium chromate(VI)	CrNa2O4	7775-11-3	161.973541
PUBLIC-AE	NA2CRO4.10H2O	Sodium chromate(VI) decahydrate	CrH20Na2O14		342.126953
PUBLIC-AE	NA2CRO4.4H2O	Sodium chromate(VI) tetrahydrate	CrH8Na2O8		234.034897
PUBLIC-AE	NA2CRO4.6H2O	Sodium chromate(VI) hexahydrate	CrH12Na2O10		270.065582
PUBLIC-AE	NA2FION	Disodium fluoride ion(+1)	FNa2+1		64.97834
PUBLIC-AE	NA2H2EDTA	Disodium dihydrogen EDTA	C10H14N2Na2O8		336.211121
PUBLIC-AE	NA2H4TEO6	Disodium tetrahydrogen tellurate(VI)	H4Na2O6Te		273.608215
PUBLIC-AE	NA2HASO4	Sodium biarsenate	AsHNa2O4		185.907104
PUBLIC-AE	NA2HPO4	Sodium hydrogen orthophosphate	HNa2O4P	7558-79-4	141.959274
PUBLIC-AE	NA2HPO4.12H2O	Sodium hydrogen orthophosphate dodecahydrate	H25Na2O16P		358.143341
PUBLIC-AE	NA2HPO4.2H2O	Sodium hydrogen orthophosphate dihydrate	H5Na2O6P		177.989944
PUBLIC-AE	NA2HPO4.7H2O	Sodium hydrogen orthophosphate heptahydrate	H15Na2O11P		268.06665
PUBLIC-AE	NA2MOO4	Sodium molybdate(VI)	MoNa2O4	7631-95-0	205.917542
PUBLIC-AE	NA2MOO4.10H2O	Sodium molybdate(VI) decahydrate	H20MoNa2O14		386.070953
PUBLIC-AE	NA2MOO4.2H2O	Sodium molybdate(VI) dihydrate	H4MoNa2O6	10102-40-6	241.948227
PUBLIC-AE	NA2S	Sodium sulfide	Na2S	1313-82-2	78.045937
PUBLIC-AE	NA2S.0.5H2O	Sodium sulfide hemihydrate	HNa2O0.5S		87.053612
PUBLIC-AE	NA2S.5H2O	Sodium sulfide pentahydrate	H10Na2O5S		168.122635
PUBLIC-AE	NA2S.9H2O	Sodium sulfide nonahydrate	H18Na2O9S		240.184006
PUBLIC-AE	NA2S2O3	Sodium thiosulfate	Na2O3S2	7772-98-7	158.110138
PUBLIC-AE	NA2S2O3.2H2O	Sodium thiosulfate dihydrate	H4Na2O5S2		194.140823
PUBLIC-AE	NA2S2O3.5H2O	Sodium thiosulfate pentahydrate	H10Na2O8S2		248.186844
PUBLIC-AE	NA2S2O4	Sodium dithionite	Na2O4S2	7775-14-6	174.109543
PUBLIC-AE	NA2S2O4.2H2O	Sodium dithionite dihydrate	H4Na2O6S2		210.140213
PUBLIC-AE	NA2S5	Disodium pentasulfide	Na2S5		206.309937
PUBLIC-AE	NA2SE	Sodium selenide	Na2Se	1313-85-5	124.939941
PUBLIC-AE	NA2SEO3	Sodium selenite(IV)	Na2O3Se	10102-18-8	172.938141
PUBLIC-AE	NA2SEO3.5H2O	Sodium selenite(IV) pentahydrate	H10Na2O8Se		263.014832
PUBLIC-AE	NA2SEO4	Sodium selenate(VI)	Na2O4Se	13410-01-0	188.937546

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NA2SEO4.10H2O	Sodium selenate(VI) decahydrate	H20Na2O14Se		369.090942
PUBLIC-AE	NA2SIF6	Sodium hexafluorosilicate	F6Na2Si		188.055862
PUBLIC-AE	NA2SIO3	Sodium metasilicate	Na2O3Si	6834-92-0	122.063637
PUBLIC-AE	NA2SIO3.5H2O	Sodium metasilicate pentahydrate	H10Na2O8Si		212.140335
PUBLIC-AE	NA2SIO3.6H2O	Sodium metasilicate hexahydrate	H12Na2O9Si		230.155685
PUBLIC-AE	NA2SIO3.9H2O	Sodium metasilicate nonahydrate	H18Na2O12Si		284.201691
PUBLIC-AE	NA2SO3	Sodium sulfite	Na2O3S	7757-83-7	126.044144
PUBLIC-AE	NA2SO3.7H2O	Sodium sulfite heptahydrate	H14Na2O10S		252.15152
PUBLIC-AE	NA2SO4	Sodium sulfate	Na2O4S	7757-82-6	142.043533
PUBLIC-AE	NA2SO4.10H2O	Sodium sulfate decahydrate	H20Na2O14S		322.19693
PUBLIC-AE	NA2SO4M	Sodium sulfate (monoclinic)	Na2O4S	7757-82-6	142.043533
PUBLIC-AE	NA2SUC.6H2O	Sodium succinate hexahydrate	C4H16Na2O10		270.145874
PUBLIC-AE	NA2SUCCNAT	Sodium succinate	C4H4Na2O4	150-90-3	162.053818
PUBLIC-AE	NA2TE	Sodium telluride	Na2Te		173.579941
PUBLIC-AE	NA2TEO3	Sodium tellurite(IV)	Na2O3Te	10102-20-2	221.57814
PUBLIC-AE	NA2TEO3.5H2O	Sodium tellurite(IV) pentahydrate	H10Na2O8Te		311.654846
PUBLIC-AE	NA2TEO4	Sodium tellurate(VI)	Na2O4Te	10101-83-4	237.577545
PUBLIC-AE	NA2WO4	Sodium tungstate(VI)	Na2O4W	13472-45-2	293.827545
PUBLIC-AE	NA2WO4.2H2O	Sodium tungstate(VI) dihydrate	H4Na2O6W		329.858215
PUBLIC-AE	NA2ZRF6	Disodium hexafluorozirconate	F6Na2Zr	16925-26-1	251.194351
PUBLIC-AE	NA3ASO4	Sodium arsenate(V)	AsNa3O4		207.889114
PUBLIC-AE	NA3FSO4	Sodium fluoride sulfate	FNa3SO4		184.031906
PUBLIC-AE	NA3HCO32	Trisodium monohydrogen carbonate	C2HNa3O6		189.996475
PUBLIC-AE	NA3HSO42	Sodium sulfate bisulfate	HNa3O8S2		262.105072
PUBLIC-AE	NA3NO3SO4	Sodium nitrate sulfate	NNa3O7S		227.038406
PUBLIC-AE	NA3NO3SO4.2H2O	Sodium nitrate sulfate dihydrate	H4NNa3O9S		263.069092
PUBLIC-AE	NA3PO4	Sodium orthophosphate	Na3O4P	7601-54-9	163.941269
PUBLIC-AE	NA3PO4.1H2O	Sodium orthophosphate monohydrate	H2Na3O5P		181.956604
PUBLIC-AE	NA3PO4.6H2O	Sodium orthophosphate hexahydrate	H12Na3O10P		272.033325
PUBLIC-AE	NA3PO4.8H2O	Sodium orthophosphate octahydrate	H16Na3PO12		308.063995
PUBLIC-AE	NA3VO4	Sodium orthovanadate(V)	Na3O4V		183.909012
PUBLIC-AE	NA4P2O7	Sodium pyrophosphate(V)	Na4O7P2	7722-88-5	265.903198
PUBLIC-AE	NA4P2O7.10H2O	Sodium pyrophosphate decahydrate	H20Na4O17P2		446.05661
PUBLIC-AE	NA5P3O10	Pentasodium triphosphorous decaoxide	Na5O10P3		367.865143
PUBLIC-AE	NA5P3O10.6H2O	Pentasodium triphosphorous decaoxide hexahydrate	H12Na5O16P3		475.957184
PUBLIC-AE	NA6SO42CO3	Hexasodium carbonate bisulfate	CNa6O11S2		390.076324
PUBLIC-AE	NAACET	Sodium acetate	C2H3NaO2		82.034882
PUBLIC-AE	NAACET.3H2O	Sodium acetate trihydrate	C2H9NaO5		136.080902
PUBLIC-AE	NAALCO3OH2	Sodium aluminum dihydroxide carbonate	AlCH2NaO5		143.995544
PUBLIC-AE	NAALO2	Sodium aluminate	AlNaO2	1302-42-7	81.970306
PUBLIC-AE	NAALO22	Sodium aluminum oxide	Al2Na2O4		163.940613
PUBLIC-AE	NAALO22.2.5H2O	Sodium aluminum oxide 2.5 hydrate	Al2H5Na2O6.5		208.978973
PUBLIC-AE	NAB5O8	Sodium pentaborate	B5NaO8		205.035324
PUBLIC-AE	NAB5O8.5H2O	Sodium pentaborate pentahydrate	B5H10NaO13	12046-75-2	295.11203
PUBLIC-AE	NABF4	Sodium tetrafluoroborate	BF4Na		109.79361
PUBLIC-AE	NABH4	Sodium tetrahydroborate	BH4Na	16940-66-2	37.831879
PUBLIC-AE	NABH4.2H2O	Sodium tetrahydroborate dihydrate	BH8NaO2		73.862556
PUBLIC-AE	NABIBDJSOL				467.98999
PUBLIC-AE	NABNZAT	Sodium benzoate	C7H5NaO2		144.106323
PUBLIC-AE	NABO2	Sodium metaborate	BNaO2		65.798798

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NABO2.0.5H2O	Sodium metaborate hemihydrate	BHNaO2.5		74.806473
PUBLIC-AE	NABO2.2H2O	Sodium metaborate dihydrate	BH4NaO4		101.829483
PUBLIC-AE	NABO2.4H2O	Sodium metaborate tetrahydrate	BH8NaO6		137.860153
PUBLIC-AE	NABOH4	Sodium boron hydroxide	BH4NaO4		101.829483
PUBLIC-AE	NABPH4	Sodium tetraphenylborate	C24H20BNa	143-66-8	342.2258
PUBLIC-AE	NABR	Sodium bromide	BrNa	7647-15-6	102.893967
PUBLIC-AE	NABR.2H2O	Sodium bromide dihydrate	BrH4NaO2		138.924652
PUBLIC-AE	NACL	Sodium chloride	ClNa	7647-14-5	58.44297
PUBLIC-AE	NACLO	Sodium hypochlorite	ClNaO	7681-52-9	74.442368
PUBLIC-AE	NACLO2	Sodium chlorite	ClNaO2		90.441772
PUBLIC-AE	NACLO2.3H2O	Sodium chlorite trihydrate	ClH6NaO5		144.487793
PUBLIC-AE	NACLO3	Sodium chlorate(V)	ClNaO3	7775-09-9	106.44117
PUBLIC-AE	NACLO4	Sodium perchlorate(VII)	ClNaO4	7601-89-0	122.440567
PUBLIC-AE	NACLO4.1H2O	Sodium perchlorate(VII) monohydrate	ClH2NaO5		140.455917
PUBLIC-AE	NACN	Sodium cyanide	CNNa	143-33-9	49.007771
PUBLIC-AE	NACN.2H2O	Sodium cyanide dihydrate	CH4NNaO2		85.038452
PUBLIC-AE	NACNO	Sodium cyanate	CNNaO		65.007172
PUBLIC-AE	NACO3ION	Sodium carbonate ion(-1)	CNaO3-1		82.999268
PUBLIC-AE	NACOOH	Sodium formate	CHNaO2	141-53-7	68.007843
PUBLIC-AE	NACOOH.2H2O	Sodium formate dihydrate	CH5NaO4		104.038521
PUBLIC-AE	NACOOH.3H2O	Sodium formate trihydrate	CH7NaO5		122.053864
PUBLIC-AE	NACS100SOL				467.98999
PUBLIC-AE	NACTRTION	Sodium citrate ion(-2)	C6H5NaO7-2		212.092224
PUBLIC-AE	NAEDTAION	Sodium EDTA ion(-3)	C10H12N2NaO8-3		311.2052
PUBLIC-AE	NAEL	Sodium	Na	7440-23-5	22.98969
PUBLIC-AE	NAF	Sodium fluoride	FNa	7681-49-4	41.988373
PUBLIC-AE	NAFEIISIO	Iron(III) sodium silicate	FeNaO6Si2		231.004364
PUBLIC-AE	NAFPO4	Heptasodium fluoride diphosphate	FNa7O8P2		369.870911
PUBLIC-AE	NAFPO4.19H2O	Heptasodium fluoride diphosphate nonadecahydrate	FH38Na7O27P2		712.162354
PUBLIC-AE	NAGLYCOLAT	Sodium glycolate	C2H3NaO3		98.034279
PUBLIC-AE	NAH2BO3	Sodium dihydrogen orthoborate	BH2NaO3		83.81414
PUBLIC-AE	NAH2CTRTR	Sodium dihydrogen citrate	C6H7NaO7		214.108154
PUBLIC-AE	NAH2NTA	Sodium dihydrogen NTA	C6H8NNaO6		213.123428
PUBLIC-AE	NAH2PO4	Sodium dihydrogen orthophosphate	H2NaO4P	7558-80-7	119.977272
PUBLIC-AE	NAH2PO4.1H2O	Sodium dihydrogen orthophosphate monohydrate	H4NaO5P		137.992615
PUBLIC-AE	NAH2PO4.2H2O	Sodium dihydrogen orthophosphate dihydrate	H6NaO6P		156.00795
PUBLIC-AE	NAH3EDTA	Sodium trihydrogen EDTA	C10H15N2NaO8		314.229126
PUBLIC-AE	NAHCO3	Sodium bicarbonate	CHNaO3	144-55-8	84.00724
PUBLIC-AE	NAHF2	Sodium hydrogen difluoride	F2HNa	1333-83-1	61.994747
PUBLIC-AE	NAHS	Sodium bisulfide	HNaS		56.063938
PUBLIC-AE	NAHSIO3	Sodium hydrogen metasilicate	HNaO3Si		100.081642
PUBLIC-AE	NAHSO3	Sodium bisulfite	HNaO3S		104.062141
PUBLIC-AE	NAHSO4	Sodium bisulfate	HNaO4S	7681-38-1	120.061539
PUBLIC-AE	NAHSUC.3H2O	Sodium hydrogen succinate trihydrate	C4H11NaO7		194.117844
PUBLIC-AE	NAHSUCCNAT	Sodium hydrogen succinate	C4H5NaO4		140.071823
PUBLIC-AE	NAHTARTRT	Sodium hydrogen tartrate	C4H5NaO6		172.070618
PUBLIC-AE	NAI	Sodium iodide	INa	7681-82-5	149.894974
PUBLIC-AE	NAI.2H2O	Sodium iodide dihydrate	H4INaO2		185.925644
PUBLIC-AE	NAIE96SOL				737.276001
PUBLIC-AE	NAIO3	Sodium iodate	INaO3	7681-55-2	197.893173

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NAIO3.1H2O	Sodium iodate monohydrate	H2INaO4		215.908508
PUBLIC-AE	NAIO3.5H2O	Sodium iodate pentahydrate	H10INaO8		287.969879
PUBLIC-AE	NAION	Sodium ion(+1)	Na+1		22.989969
PUBLIC-AE	NALACTAT	Sodium lactate	C3H5NaO3		112.061317
PUBLIC-AE	NAMNO4	Sodium permanganate(VII)	MnNaO4	10101-50-5	141.925568
PUBLIC-AE	NAMNO4.1H2O	Sodium permanganate(VII) monohydrate	H2MnNaO5		159.940903
PUBLIC-AE	NAMNO4.3H2O	Sodium permanganate(VII) trihydrate	H6MnNaO7		195.971588
PUBLIC-AE	NANBO3	Sodium niobium trioxide	NaNbO3		163.894577
PUBLIC-AE	NANH2CO2	Sodium carbamate	CH2NNaO2		83.022507
PUBLIC-AE	NANH4SO4	Sodium ammonium sulfate	H8N2Na2O8S2		274.184296
PUBLIC-AE	NANH4SO4.4H2O	Sodium ammonium sulfate tetrahydrate	H16N2Na2O12S2		346.245667
PUBLIC-AE	NANO2	Sodium nitrite	NNaO2	7632-00-0	68.995468
PUBLIC-AE	NANO3	Sodium nitrate	NNaO3	7631-99-4	84.994873
PUBLIC-AE	NANTAION	Sodium NTA ion(-2)	C6H6NNaO6-2		211.107483
PUBLIC-AE	NAOH	Sodium hydroxide	HNaO	1310-73-2	39.997341
PUBLIC-AE	NAOH.1H2O	Sodium hydroxide monohydrate	H3NaO2		58.01268
PUBLIC-AE	NAPEROX1	Sodium carbonate 1.5-hydrogen peroxide	CH3Na2O6		157.011353
PUBLIC-AE	NAPEROX1.H2O	Sodium carbonate 1.5-hydrogen peroxide monohydrate	CH5Na2O7		175.026688
PUBLIC-AE	NAPHILL	Sodium aluminum silicate pentahydrate	Al2H10Na2O19Si5		554.438843
PUBLIC-AE	NAPHOH	Sodium orthophosphate hydroxide	H.25Na3.25O4.25P		173.940598
PUBLIC-AE	NAPHOH.12H2O	Sodium orthophosphate hydroxide dodecahydrate	H24.25Na3.25O16.25P		390.124695
PUBLIC-AE	NAPHQUINON	1,4-Naphthalenedione	C10H6O2	130-15-4	158.157623
PUBLIC-AE	NAPHTHALEN	Naphthene	C10H8	91-20-3	128.174759
PUBLIC-AE	NAPHTHENAC	Cyclohexanecarboxylic acid	C7H12O2	1338-24-5	128.172134
PUBLIC-AE	NAPROP	Sodium propanate	C3H5NaO2		96.06192
PUBLIC-AE	NAPS10SOL				230.990005
PUBLIC-AE	NAPS12SOL				237.990005
PUBLIC-AE	NAPS16SOL				249.990005
PUBLIC-AE	NAPS20SOL				269.98999
PUBLIC-AE	NAPS4SOL				212.990005
PUBLIC-AE	NAPS6SOL				218.990005
PUBLIC-AE	NAPS8SOL				224.990005
PUBLIC-AE	NAPTCL6	Sodium hexachloroplatinate(IV)	Cl6Na2Pt		453.777954
PUBLIC-AE	NAPTCL6.6H2O	Sodium hexachloroplatinate(IV) hexahydrate	Cl6H12Na2O6Pt		561.869995
PUBLIC-AE	NAPHTHOL2	2-Naphthalenol	C10H8O	135-19-3	144.174164
PUBLIC-AE	NAS2O3ION	Sodium thiosulfate(II) ion(-1)	NaO3S2-1		135.120163
PUBLIC-AE	NASCN	Sodium thiocyanate	CNNaS		81.073769
PUBLIC-AE	NASCN.1H2O	Sodium thiocyanate monohydrate	CH2NNaOS		99.089111
PUBLIC-AE	NASO4ION	Sodium sulfate ion(-1)	NaO4S-1		119.053574
PUBLIC-AE	NASUCCNATION	Sodium succinate ion	C4H4NaO4-1		139.063843
PUBLIC-AE	NATAO3	Sodium tantalate(V)	NaO3Ta		251.936066
PUBLIC-AE	NATARTRTION	Sodium tartrate ion(-1)	C4H4NaO6-1		171.062653
PUBLIC-AE	NATCVIIO4	Sodium pertechnetate(VII)	NaO4Tc		185.893829
PUBLIC-AE	NATROLITE	Disodium dialuminum trisilicon decaoxide dihydrate	Al2H4Na2O12Si3		380.224213
PUBLIC-AE	NAV03	Sodium metavanadate(V)	NaO3V		121.929672
PUBLIC-AE	NAZRF5	Sodium pentafluorozirconate	F5NaZr		209.205978
PUBLIC-AE	NAZRF5.1H2O	Sodium pentafluorozirconate monohydrate	F5H2NaOZr	20982-58-5	227.221329
PUBLIC-AE	NB2O5	Niobium(V) oxide	Nb2O5	1313-96-8	265.809814
PUBLIC-AE	NBBR5	Niobium(V) bromide	Br5Nb		492.426392
PUBLIC-AE	NBCL5	Niobium(V) chloride	Cl5Nb		270.171387

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NBEL	Niobium	Nb	7440-03-1	92.906403
PUBLIC-AE	NBF5	Niobium(V) fluoride	F5Nb		187.898422
PUBLIC-AE	NBI5	Niobium(V) iodide	I5Nb		727.431396
PUBLIC-AE	NBO3ION	Niobate(V) ion(-1)	NbO3-1		140.904602
PUBLIC-AE	NBOCL3	Niobium(V) oxychloride	Cl3NbO		215.264801
PUBLIC-AE	NBUCPENTEN	n-Butylcyclopentane	C9H18	2040-95-1	126.243362
PUBLIC-AE	NBUTETETHE	n-Butyl ethyl ether	C6H14O	628-81-9	102.177582
PUBLIC-AE	NBUTYRNTL	n-Butanenitrile	C4H7N	109-74-0	69.106888
PUBLIC-AE	ND2CO33	Neodymium(III) carbonate	C3Nd2O9		468.507904
PUBLIC-AE	ND2MOO43	Neodymium(III) molybdate(VI)	Mo3Nd2O12		768.292786
PUBLIC-AE	ND2MOO43.2H2O	Neodymium(III) molybdate(VI) dihydrate	H4Mo3Nd2O14		804.323486
PUBLIC-AE	ND2SO43	Neodymium(III) sulfate	Nd2O12S3		576.670776
PUBLIC-AE	ND2SO43.8H2O	Neodymium(III) sulfate octahydrate	H16Nd2O20S3		720.793518
PUBLIC-AE	ND2TRTRT3	Neodymium(III) tartrate	C12H12Nd2O18		732.698059
PUBLIC-AE	ND2WO43	Neodymium(III) tungstate(V)	Nd2O12W3		1032.022827
PUBLIC-AE	NDACET2ION	Neodymium(III) diacetate ion(+1)	C4H6NdO4+1		262.329834
PUBLIC-AE	NDACET3	Neodymium(III) acetate	C6H9NdO6		321.374725
PUBLIC-AE	NDACETION	Neodymium(III) monoacetate ion(+2)	C2H3NdO2+2		203.284912
PUBLIC-AE	NDBR3	Neodymium(III) bromide	Br3Nd		383.951996
PUBLIC-AE	NDCL2ION	Neodymium(III) dichloride ion(+1)	Cl2Nd+1		215.145996
PUBLIC-AE	NDCL3	Neodymium(III) chloride	Cl3Nd	10024-93-8	250.598999
PUBLIC-AE	NDCL3.6H2O	Neodymium(III) chloride hexahydrate	Cl3H12NdO6		358.69104
PUBLIC-AE	NDCL4ION	Neodymium(III) tetrachloride ion(-1)	Cl4Nd-1		286.052002
PUBLIC-AE	NDCLION	Neodymium(III) monochloride ion(+2)	ClNd+2		179.692993
PUBLIC-AE	NDCO3ION	Neodymium(III) carbonate ion(+1)	CNdO3+1		204.249298
PUBLIC-AE	NDCTR	Neodymium(III) citrate	C6H5NdO7		333.342255
PUBLIC-AE	NDDTPAION	Neodymium(III) DTPA ion(-2)	C14H18N3NdO10-2		532.552979
PUBLIC-AE	NDETAION	Neodymium(III) EDTA ion(-1)	C10H12N2NdO8-1		432.455231
PUBLIC-AE	NDEL	Neodymium	Nd	7440-00-8	144.240005
PUBLIC-AE	NDF2ION	Neodymium(III) difluoride ion(+1)	F2Nd+1		182.236801
PUBLIC-AE	NDF3	Neodymium(III) fluoride	F3Nd	13709-42-7	201.235214
PUBLIC-AE	NDF4ION	Neodymium(III) tetrafluoride ion(-1)	F4Nd-1		220.233612
PUBLIC-AE	NDFION	Neodymium(III) monofluoride ion(+2)	FNd+2		163.238403
PUBLIC-AE	NDH2DTPA	Neodymium(III) dihydrogen DTPA	C14H20N3NdO10		534.568909
PUBLIC-AE	NDH2PO4ION	Neodymium(III) dihydrogen orthophosphate ion(+2)	H2NdO4P+2		241.227295
PUBLIC-AE	NDHCO3ION	Neodymium(III) bicarbonate ion(+2)	CHNdO3+2		205.257263
PUBLIC-AE	NDHDTAION	Neodymium(III) hydrogen DTPA ion(-1)	C14H19N3NdO10-1		533.560913
PUBLIC-AE	NDHEDTA	Neodymium(III) hydrogen EDTA	C10H13N2NdO8		433.463196
PUBLIC-AE	NDI3	Neodymium(III) iodide	I3Nd	13813-24-6	524.955017
PUBLIC-AE	NDION	Neodymium ion(+3)	Nd+3		144.240005
PUBLIC-AE	NDMA	N-Methyl-N-nitrosomethanamine	C2H6N2O	62-75-9	74.082817
PUBLIC-AE	NDMOO43ION	Neodymium(III) trimolybdate ion(-3)	Mo3NdO12-3		624.052795
PUBLIC-AE	NDMOO4ION	Neodymium(III) molybdate ion(+1)	MoNdO4+1		304.177612
PUBLIC-AE	NDNO33	Neodymium(III) nitrate	N3NdO9		330.2547
PUBLIC-AE	NDNO33.6H2O	Neodymium(III) nitrate hexahydrate	H12N3NdO15		438.346741
PUBLIC-AE	NDNO3ION	Neodymium(III) mononitrate ion(+2)	NNdO3+2		206.244904
PUBLIC-AE	NDNTA	Neodymium(III) NTA	C6H6NNdO6		332.357513
PUBLIC-AE	NDNTA2ION	Neodymium(III) di-NTA ion(-3)	C12H12N2NdO12-3		520.475037
PUBLIC-AE	NDOH2ION	Neodymium(III) dihydroxide ion(+1)	H2NdO2+1		178.254745
PUBLIC-AE	NDOH3	Neodymium(III) hydroxide	H3NdO3		195.262115

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NDOH4ION	Neodymium(III) tetrahydroxide ion(-1)	H4NdO4-1		212.269485
PUBLIC-AE	NDOHION	Neodymium(III) monohydroxide ion(+2)	HNdO+2		161.247375
PUBLIC-AE	NDOHNTAION	Neodymium(III) hydroxide NTA ion(-1)	C6H7NNdO7-1		349.364899
PUBLIC-AE	NDPO4	Neodymium(III) orthophosphate	NdO4P		239.211365
PUBLIC-AE	NDPO4.2H2O	Neodymium(III) orthophosphate dihydrate	H4NdO6P		275.242035
PUBLIC-AE	NDSO42ION	Neodymium(III) disulfate ion(-1)	NdO8S2-1		336.367188
PUBLIC-AE	NDSO4ION	Neodymium(III) monosulfate ion(+1)	NdO4S+1		240.303604
PUBLIC-AE	NDTRTRTION	Neodymium(III) tartrate ion(+1)	C4H4NdO6+1		292.312683
PUBLIC-AE	NE	Neon	Ne	7440-01-9	20.179001
PUBLIC-AE	NEOPENTANE	Neopentane	C5H12	463-82-1	72.151138
PUBLIC-AE	NEOPENTGLY	Neopentyl glycol	C5H12O2	126-30-7	104.14994
PUBLIC-AE	NEROLIDOL	3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol	C15H26O	142-50-7	222.373123
PUBLIC-AE	NH2CO2ION	Carbamate ion(-1)	CH2NO2-1		60.032539
PUBLIC-AE	NH3	Ammonia	H3N	7664-41-7	17.030609
PUBLIC-AE	NH42CO3	Ammonium carbonate	CH8N2O3		96.086456
PUBLIC-AE	NH42HPO4	Ammonium hydrogen orthophosphate	H9N2O4P	7783-28-0	132.056488
PUBLIC-AE	NH42HPO4.2H2O	Ammonium hydrogen orthophosphate dihydrate	H13N2O6P		168.087173
PUBLIC-AE	NH42OX	Ammonium oxalate	C2H8N2O4		124.096962
PUBLIC-AE	NH42OX.1H2O	Ammonium oxalate monohydrate	C2H10N2O5		142.112305
PUBLIC-AE	NH42S	Ammonium sulfide	H8N2S		68.143158
PUBLIC-AE	NH42S5	Ammonium pentasulfide	H8N2S5		196.407166
PUBLIC-AE	NH42SIF6	Ammonium hexafluorosilicate	F6H8N2Si		178.153076
PUBLIC-AE	NH42SO3	Ammonium sulfite	H8N2O3S	10196-04-0	116.141357
PUBLIC-AE	NH42SO3.1H2O	Ammonium sulfite monohydrate	H10N2O4S	10196-04-0	134.156693
PUBLIC-AE	NH42SO4	Ammonium sulfate	H8N2O4S	7783-20-2	132.140762
PUBLIC-AE	NH43HSO42	Letovicite	H13N3O8S2		247.250916
PUBLIC-AE	NH43PO4	Ammonium orthophosphate	H12N3O4P		149.087097
PUBLIC-AE	NH43PO4.3H2O	Ammonium phosphate trihydrate	H18N3O7P		203.133118
PUBLIC-AE	NH44H2CO33	Ammonium sesquicarbonate	C3H18N4O9		254.198166
PUBLIC-AE	NH4ACET	Ammonium acetate	C2H7NO2		77.083488
PUBLIC-AE	NH4BPH4	Ammonium tetraphenylborate	C24H24BN	14637-34-3	337.274414
PUBLIC-AE	NH4CL	Ammonium chloride	ClH4N	12125-02-9	53.491581
PUBLIC-AE	NH4CLO4	Ammonium perchlorate	ClH4NO4	7790-98-9	117.489182
PUBLIC-AE	NH4CN	Ammonium cyanide	CH4N2		44.056381
PUBLIC-AE	NH4COOH	Ammonium formate	CH5NO2		63.05645
PUBLIC-AE	NH4F	Ammonium fluoride	FH4N	12125-01-8	37.036983
PUBLIC-AE	NH4H2PO4	Ammonium dihydrogen orthophosphate	H6NO4P	7722-76-1	115.025879
PUBLIC-AE	NH4HCO3	Ammonium bicarbonate	CH5NO3	1066-33-7	79.055847
PUBLIC-AE	NH4HF2	Ammonium hydrogen difluoride	F2H5N	1341-49-7	57.043358
PUBLIC-AE	NH4HS	Ammonium bisulfide	H5NS	12124-99-1	51.112549
PUBLIC-AE	NH4HSO3	Ammonium bisulfite	H5NO3S	10192-30-0	99.110748
PUBLIC-AE	NH4HSO4	Ammonium hydrogen sulfate	H5NO4S	7803-63-6	115.110153
PUBLIC-AE	NH4ION	Ammonium ion(+1)	H4N+1		18.03858
PUBLIC-AE	NH4LACTAT	Ammonium lactate	C3H9NO3		107.109932
PUBLIC-AE	NH4MGSO4	Ammonium magnesium sulfate	H8MgN2O8S2		252.509354
PUBLIC-AE	NH4MGSO4.6H2O	Ammonium magnesium sulfate hexahydrate	H20MgN2O14S2		360.60141
PUBLIC-AE	NH4NISO4	Ammonium nickel(II) sulfate	H8N2NiO8S2		286.874359
PUBLIC-AE	NH4NISO4.6H2O	Ammonium nickel(II) sulfate hexahydrate	H20N2NiO14S2		394.9664
PUBLIC-AE	NH4NO3	Ammonium nitrate	H4N2O3	6484-52-2	80.04348
PUBLIC-AE	NH4OH	Ammonium hydroxide	H5NO	1336-21-6	35.045952

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NH4SO4ION	Ammonium sulfate ion(-1)	H4NO4S-1		114.10218
PUBLIC-AE	NH4VO3	Ammonium vanadate(V)	NH4VO3	7803-55-6	116.978279
PUBLIC-AE	NHEXYLAMN	n-Hexylamine	C6H15N	111-26-2	101.192848
PUBLIC-AE	NI2DTPAION	Dinickel DTPA ion(-1)	C14H18N3Ni2O10-1		505.652954
PUBLIC-AE	NI3PO42	Nickel orthophosphate	Ni3O8P2	10381-36-9	365.952728
PUBLIC-AE	NI3PO42.8H2O	Nickel orthophosphate octahydrate	H16Ni3O16P2		510.075439
PUBLIC-AE	NIACET2	Nickel acetate	C4H6NiO4		176.759827
PUBLIC-AE	NIACET3ION	Nickel triacetate ion(-1)	C6H9NiO6-1		235.804733
PUBLIC-AE	NIACETION	Nickel monoacetate ion(+1)	C2H3NiO2+1		117.714912
PUBLIC-AE	NIALAN2	Nickel di(L-alpha-alanine)	C6H12N2NiO4		234.843246
PUBLIC-AE	NIALANION	Nickel mono(L-alpha-alanine) ion(+1)	C3H6NNiO2+1		146.756622
PUBLIC-AE	NIBR2	Nickel(II) bromide	Br2Ni		218.477997
PUBLIC-AE	NIBR2.6H2O	Nickel(II) bromide hexahydrate	Br2H12NiO6		326.570038
PUBLIC-AE	NIC2O4	Nickel(II) oxalate	C2NiO4	547-67-1	146.689804
PUBLIC-AE	NIC2O4.2H2O	Nickel(II) oxalate dihydrate	C2H4NiO6		182.720474
PUBLIC-AE	NIC2O42ION	Nickel(II) dioxalate ion(-2)	C4NiO8-2		234.709595
PUBLIC-AE	NICL2	Nickel(II) chloride	Cl2Ni		129.576004
PUBLIC-AE	NICL2.2H2O	Nickel(II) chloride dihydrate	Cl2H4NiO2	17638-48-1	165.606674
PUBLIC-AE	NICL2.4H2O	Nickel(II) chloride tetrahydrate	Cl2H8NiO4	34304-82-0	201.63736
PUBLIC-AE	NICL2.6H2O	Nickel(II) chloride hexahydrate	Cl2H12NiO6	7791-20-0	237.668045
PUBLIC-AE	NICLION	Nickel(II) monochloride ion(+1)	ClNi+1		94.123001
PUBLIC-AE	NICN2	Nickel(II) cyanide	C2N2Ni	557-19-7	110.705597
PUBLIC-AE	NICN4ION	Nickel(II) tetracyanide ion(-2)	C4N4Ni-2		162.741196
PUBLIC-AE	NICO3	Nickel(II) carbonate	CNiO3		118.679298
PUBLIC-AE	NICOOH2	Nickel(II) formate	C2H2NiO4	3349-06-2	148.705734
PUBLIC-AE	NICOOHION	Nickel(II) monoformate ion(+1)	CHNiO2+1		103.687866
PUBLIC-AE	NICOTACDION	Nicotinic acid ion(-1)	C6H4NO2-1		122.103981
PUBLIC-AE	NICTRTION	Nickel citrate ion(-1)	C6H5NiO7-1		247.772247
PUBLIC-AE	NIDTPAION	Nickel DTPA ion(-3)	C14H18N3NiO10-3		446.982971
PUBLIC-AE	NIEDA2ION	Nickel di(ethylenediamine) ion(+2)	C4H16N4Ni+2		178.868713
PUBLIC-AE	NIEDA3ION	Nickel tri(ethylenediamine) ion (+2)	C6H24N6Ni+2		238.968079
PUBLIC-AE	NIEDAION	Nickel monoethylenediamine ion(+2)	C2H8N2Ni+2		118.769363
PUBLIC-AE	NIEDTAION	Nickel(II) EDTA ion(-2)	C10H12N2NiO8-2		346.885254
PUBLIC-AE	NIEL	Nickel	Ni		58.669998
PUBLIC-AE	NIF2	Nickel(II) fluoride	F2Ni		96.666809
PUBLIC-AE	NIF2.4H2O	Nickel(II) fluoride tetrahydrate	F2H8NiO4	13940-83-5	168.728165
PUBLIC-AE	NIFION	Nickel(II) monofluoride ion(+1)	NiF+1		77.668404
PUBLIC-AE	NIGLYCIN2	Nickel diglycine	C4H8N2NiO4		206.789154
PUBLIC-AE	NIGLYCINION	Nickel monoglycine ion(+1)	C2H4NNiO2+1		132.729584
PUBLIC-AE	NIGLYCOL2	Nickel diglycolate	C4H6NiO6		208.758621
PUBLIC-AE	NIGLYCOLION	Nickel monoglycolate ion(+1)	C2H3NiO3+1		133.71431
PUBLIC-AE	NIH2CTRITION	Nickel dihydrogen citrate ion(+1)	C6H7NiO7+1		249.788193
PUBLIC-AE	NIH2DTPAION	Nickel dihydrogen DTPA ion(-1)	C14H20N3NiO10-1		448.998901
PUBLIC-AE	NIH2EDTA	Nickel dihydrogen EDTA	C10H14N2NiO8		348.901184
PUBLIC-AE	NIH2PO42	Nickel(II) dihydrogen orthophosphate	H4NiO8P2		252.644608
PUBLIC-AE	NIH3DTPA	Nickel trihydrogen DTPA	C14H21N3NiO10		450.006866
PUBLIC-AE	NIHCTRIT	Nickel hydrogen citrate	C6H6NiO7		248.780212
PUBLIC-AE	NIHDTPAION	Nickel hydrogen DTPA ion(-2)	C14H19N3NiO10-2		447.990936
PUBLIC-AE	NIHEDTAION	Nickel hydrogen EDTA ion(-1)	C10H13N2NiO8-1		347.893219
PUBLIC-AE	NIHNNTA	Nickel hydrogen NTA	C6H7NNiO6		247.795486

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NIHPO4	Nickel hydrogen phosphate	HNiO4P		154.649323
PUBLIC-AE	NIHPO4.1H2O	Nickel hydrogen phosphate monohydrate	H3NiO5P		172.664673
PUBLIC-AE	NIi2	Nickel(II) iodide	I2Ni		312.480011
PUBLIC-AE	NIi2.4H2O	Nickel(II) iodide tetrahydrate	H8I2NiO4		384.541351
PUBLIC-AE	NIi2.6H2O	Nickel(II) iodide hexahydrate	H12I2NiO6		420.572052
PUBLIC-AE	NIION	Nickel ion(+2)	Ni+2		58.669998
PUBLIC-AE	NIMEXH2ION	Nickel di(2-aminoethanol) ion(+2)	C4H14N2NiO2+2		180.838181
PUBLIC-AE	NIMEXH3ION	Nickel tri(2-aminoethanol) ion(+2)	C6H21N3NiO3+2		241.922272
PUBLIC-AE	NIMEXHION	Nickel mono(2-aminoethanol) ion(+2)	C2H7NNiO+2		119.754089
PUBLIC-AE	NIMOO4	Nickel(II) molybdate(VI)	MoNiO4	14177-55-0	218.607605
PUBLIC-AE	NINH32ION	Nickel(II) diammonia ion(+2)	H6N2Ni+2		92.731216
PUBLIC-AE	NINH33ION	Nickel(II) triammonia ion(+2)	H9N3Ni+2		109.761833
PUBLIC-AE	NINH34ION	Nickel(II) tetraammonia ion(+2)	H12N4Ni+2		126.792442
PUBLIC-AE	NINH35ION	Nickel(II) pentaammonia ion(+2)	H15N5Ni+2		143.823044
PUBLIC-AE	NINH36ION	Nickel(II) hexaammonia ion(+2)	H18N6Ni+2		160.853653
PUBLIC-AE	NINH3ION	Nickel(II) monoammonia ion(+2)	H3NNi+2		75.700607
PUBLIC-AE	NINICN4	Nickel(II) tetracyanonickel	C4N4Ni2		221.411194
PUBLIC-AE	NINO32	Nickel(II) nitrate	N2NiO6		182.679794
PUBLIC-AE	NINO32.2H2O	Nickel(II) nitrate dihydrate	H4N2NiO8		218.71048
PUBLIC-AE	NINO32.4H2O	Nickel(II) nitrate tetrahydrate	H8N2NiO10		254.741165
PUBLIC-AE	NINO32.6H2O	Nickel(II) nitrate hexahydrate	H12N2NiO12		290.771851
PUBLIC-AE	NINO3ION	Nickel(II) nitrate ion(+1)	NNiO3+1		120.674896
PUBLIC-AE	NINTA2ION	Nickel di-NTA ion(-4)	C12H12N2NiO12-4		434.905029
PUBLIC-AE	NINTAION	Nickel mono-NTA ion(-1)	C6H6NNiO6-1		246.787521
PUBLIC-AE	NINYPRPIAT	Vinyl propionate	C5H8O2	105-38-4	100.118057
PUBLIC-AE	NIOH2	Nickel(II) hydroxide	H2NiO2	12054-48-7	92.684738
PUBLIC-AE	NIOH3ION	Nickel(II) trihydroxide ion(-1)	H3NiO3-1		109.692108
PUBLIC-AE	NIOHEDTAION	Nickel(II) hydroxide EDTA ion(-3)	C10H13N2NiO9-3		363.892609
PUBLIC-AE	NIOHION	Nickel(II) monohydroxide ion (+1)	HNiO+1		75.677368
PUBLIC-AE	NIPHENOL24	2,4-Dinitrophenol	C6H4N2O5	51-28-5	184.108887
PUBLIC-AE	NIPHENOL25	2,5-Dinitrophenol	C6H4N2O5	329-71-5	184.108887
PUBLIC-AE	NIPHENOL26	2,6-Dinitrophenol	C6H4N2O5	573-56-8	184.108887
PUBLIC-AE	NIS	Nickel(II) sulfide	NiS	16812-54-7	90.736
PUBLIC-AE	NISCN2	Nickel(II) thiocyanate	C2N2NiS2		174.837601
PUBLIC-AE	NISCNION	Nickel(II) thiocyanate ion(+1)	CNNiS+1		116.753799
PUBLIC-AE	NISECN2	Nickel(II) selenocyanate	C2N2NiSe2		268.62561
PUBLIC-AE	NISECNION	Nickel(II) selenocyanate ion(+1)	CNNiSe+1		163.647797
PUBLIC-AE	NISEO3	Nickel(II) selenite(IV)	NiO3Se		185.628204
PUBLIC-AE	NISEO4	Nickel(II) selenate(VI)	NiO4Se		201.627594
PUBLIC-AE	NISEO4.4H2O	Nickel(II) selenate(VI) tetrahydrate	H8NiO8Se		273.688965
PUBLIC-AE	NISEO4.6H2O	Nickel(II) selenate(VI) hexahydrate	H12NiO10Se		309.719635
PUBLIC-AE	NISO4	Nickel(II) sulfate	NiO4S	7786-81-4	154.733597
PUBLIC-AE	NISO4.6H2O	Nickel(II) sulfate hexahydrate	H12NiO10S		262.825653
PUBLIC-AE	NISO4.7H2O	Nickel(II) sulfate heptahydrate	H14NiO11S		280.840973
PUBLIC-AE	NITANISOL2	2-Nitroanisole	C7H7NO3	91-23-6	153.138397
PUBLIC-AE	NITBNZ	Nitrobenzene	C6H5NO2	98-95-3	123.111954
PUBLIC-AE	NITEXH2ION	Nickel di(triethanolamine) ion(+2)	C12H30N2NiO6+2		357.052094
PUBLIC-AE	NITEXHION	Nickel triethanolamine ion(+2)	C6H15NNiO3+2		207.861053
PUBLIC-AE	NITGUANID	Nitroguanidine	CH4N4O2	556-88-7	104.068581
PUBLIC-AE	NITOLUEN24	2,4-Dinitrotoluene	C7H6N2O4	121-14-2	182.13652

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NITOLUEN25	2,5-Dinitrotoluene	C7H6N2O4	619-15-8	182.13652
PUBLIC-AE	NITOLUEN26	2,6-Dinitrotoluene	C7H6N2O4	606-20-2	182.13652
PUBLIC-AE	NITOLUEN34	3,4-Dinitrotoluene	C7H6N2O4	610-39-9	182.13652
PUBLIC-AE	NITOLUEN35	3,5-Dinitrotoluene	C7H6N2O4	618-85-9	182.13652
PUBLIC-AE	NITOLUN246	2,4,6-Trinitrotoluene	C7H5N3O6	118-96-7	227.134048
PUBLIC-AE	NITPHENOL2	2-Nitrophenol	C6H5NO3	88-75-5	139.111343
PUBLIC-AE	NITPHENOL3	3-Nitrophenol	C6H5NO3	554-84-7	139.111343
PUBLIC-AE	NITPHENOL4	4-Nitrophenol	C6H5NO3	100-02-7	139.111343
PUBLIC-AE	NITPRPN1	1-Nitropropane	C3H7NO2	108-03-2	89.094589
PUBLIC-AE	NITPRPN2	2-Nitropropane	C3H7NO2	79-46-9	89.094589
PUBLIC-AE	NITROET	Nitroethane	C2H5NO2	79-24-3	75.067551
PUBLIC-AE	NITTOLUNEM	m-Nitrotoluene	C7H7NO2	99-08-1	137.138992
PUBLIC-AE	NITTOLUNEP	4-Nitrotoluene	C7H7NO2	99-99-0	137.138992
PUBLIC-AE	NIWO4	Nickel(II) tungstate(VI)	NiO4W		306.517609
PUBLIC-AE	NLGLYCERAMICS-AE	TrinitroglyCERAMICS-AEIn	C3H5N3O9	55-63-0	227.087845
PUBLIC-AE	NMEFORM	N-Methylformamide	C2H5NO	123-39-7	59.06815
PUBLIC-AE	NNDETUREA	N,N-Diethylurea	C5H12N2O	634-95-7	116.16394
PUBLIC-AE	NNM2ACEAMD	N,N-Dimethylacetamide	C4H9NO	127-19-5	87.122231
PUBLIC-AE	NO	Nitric oxide	NO	10102-43-9	30.0061
PUBLIC-AE	NO2	Nitrogen dioxide	NO2	10102-44-0	46.005501
PUBLIC-AE	NO2ION	Nitrite ion(-1)	NO2-1		46.005501
PUBLIC-AE	NO3ION	Nitrate ion(-1)	NO3-1		62.004902
PUBLIC-AE	NOCTYLAMN	n-Octylamine	C8H19N	111-86-4	129.246933
PUBLIC-AE	NONACOSAN	n-Nonacosane	C29H60	630-03-5	408.80011
PUBLIC-AE	NONANAL1	1-Nonanal	C9H18O	124-19-6	142.242767
PUBLIC-AE	NONANDECN1	1-Nonadecene	C19H38	18435-45-5	266.513763
PUBLIC-AE	NONANION	Nonanoic acid ion(-1)	C9H17O2-1		157.234192
PUBLIC-AE	NONANOL1	1-Nonanol	C9H20O	143-08-8	144.258698
PUBLIC-AE	NONANOL2	2-Nonanol	C9H20O	70419-06-6	144.258698
PUBLIC-AE	NONANON2	2-Nonanone	C9H18O	821-55-6	142.242767
PUBLIC-AE	NONANON5	5-Nonanone	C9H18O	502-56-7	142.242767
PUBLIC-AE	NONDATION	Nonadecanoic acid ion(-1)	C19H37O2-1		297.504578
PUBLIC-AE	NONDECICAC	Nonadecanoic acid	C19H38O2	646-30-0	298.512573
PUBLIC-AE	NONDECNOL1	1-Nonadecanol	C19H40O	1454-84-8	284.529114
PUBLIC-AE	NONEN1	1-Nonene	C9H18	124-11-8	126.243362
PUBLIC-AE	NONOICACID	Nonanoic acid	C9H18O2	112-05-0	158.242157
PUBLIC-AE	NONYLBNZ	n-Nonylbenzene	C15H24	1081-77-2	204.357773
PUBLIC-AE	NONYLNAPH1	1-Nonylnaphthalene	C19H26	26438-26-6	254.418121
PUBLIC-AE	NORBORNEN2	2-Norbornene	C7H10	498-66-8	94.157402
PUBLIC-AE	NORLEUCINE	DL-Norleucine	C6H13NO2	616-06-8	131.175705
PUBLIC-AE	NORLEUCION	DL-Norleucine ion(-1)	C6H12NO2-1		130.16774
PUBLIC-AE	NORVALINE	DL-Norvaline	C5H11NO2	760-78-1	117.148666
PUBLIC-AE	NORVALNION	DL-Norvaline ion(-1)	C5H10NO2-1		116.140701
PUBLIC-AE	NPENTYLFMT	n-Pentyl formate	C6H12O2	638-49-3	116.161041
PUBLIC-AE	NPF6	Neptunium(VI) fluoride	F6Np		351.038422
PUBLIC-AE	NPPIIBR3	Neptunium(III) bromide	Br3Np		476.76001
PUBLIC-AE	NPPIICL3	Neptunium(III) chloride	Cl3Np		343.407013
PUBLIC-AE	NPPIIF3	Neptunium(III) fluoride	F3Np		294.043213
PUBLIC-AE	NPPIIH2PO42ION	Neptunium(III) di(dihydrogen orthophosphate) ion(+1)	H4NpO8P2+1		431.022614
PUBLIC-AE	NPPIIH2PO43	Neptunium(III) dihydrogen orthophosphate	H6NpO12P3		528.009888

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NPIIIH2PO4ION	Neptunium(III) dihydrogen orthophosphate ion(+2)	H2NpO4P+2		334.035309
PUBLIC-AE	NPIIIION	Neptunium ion(+3)	Np+3		237.048004
PUBLIC-AE	NPIIIOH3	Neptunium(III) hydroxide	H3NpO3		288.070099
PUBLIC-AE	NPIIIOHION	Neptunium(III) monohydroxide ion(+2)	HNpO+2		254.055374
PUBLIC-AE	NPIVBR4	Neptunium(IV) bromide	Br4Np		556.664001
PUBLIC-AE	NPIVCL2ION	Neptunium(IV) dichloride ion(+2)	Cl2Np+2		307.95401
PUBLIC-AE	NPIVCL4	Neptunium(IV) chloride	Cl4Np		378.859985
PUBLIC-AE	NPIVCLION	Neptunium(IV) monochloride ion(+3)	ClNp+3		272.501007
PUBLIC-AE	NPIVCO35ION	Neptunium(IV) pentacarbonate ion(-6)	C5NpO15-6		537.094482
PUBLIC-AE	NPIVCF4	Neptunium(IV) fluoride	F4Np		313.041626
PUBLIC-AE	NPIVFIION	Neptunium(IV) monofluoride ion(+3)	FNp+3		256.046417
PUBLIC-AE	NPIVHPO42	Neptunium(IV) hydrogen orthophosphate	H2NpP2O8		429.006653
PUBLIC-AE	NPIVHPO43ION	Neptunium(IV) tri(hydrogen orthophosphate) ion(-2)	H3NpO12P3-2		524.985962
PUBLIC-AE	NPIVHPO44ION	Neptunium(IV) tetra(hydrogen orthophosphate) ion(-4)	H4NpO16P4-4		620.965332
PUBLIC-AE	NPIVHPO45ION	Neptunium(IV) penta(hydrogen orthophosphate) ion(-6)	H5NpO20P5-6		716.944641
PUBLIC-AE	NPIVHPO4ION	Neptunium(IV) mono(hydrogen orthophosphate) ion(+2)	HNpO4P+2		333.027344
PUBLIC-AE	NPIVION	Neptunium ion(+4)	Np+4		237.048004
PUBLIC-AE	NPIVNO32ION	Neptunium(IV) dinitrate ion(+2)	N2NpO6+2		361.0578
PUBLIC-AE	NPIVNO33ION	Neptunium(IV) trinitrate ion(+1)	N3NpO9+1		423.062714
PUBLIC-AE	NPIVNO34	Neptunium(IV) nitrate	N4NpO12		485.067596
PUBLIC-AE	NPIVNO3ION	Neptunium(IV) mononitrate ion(+3)	NNpO3+3		299.052887
PUBLIC-AE	NPIVOH2ION	Neptunium(IV) dihydroxide ion(+2)	H2NpO2+2		271.062744
PUBLIC-AE	NPIVOH3ION	Neptunium(IV) trihydroxide ion(+1)	H3NpO3+1		288.070099
PUBLIC-AE	NPIVOH4	Neptunium(IV) hydroxide	H4NpO4		305.077484
PUBLIC-AE	NPIVOH5ION	Neptunium(IV) pentahydroxide ion(-1)	H5NpO5-1		322.084839
PUBLIC-AE	NPIVOHION	Neptunium(IV) monohydroxide ion(+3)	HNpO+3		254.055374
PUBLIC-AE	NPIVSO42	Neptunium(IV) sulfate	NpO8S2		429.175201
PUBLIC-AE	NPIVSO4ION	Neptunium(IV) sulfate ion(+2)	NpO4S+2		333.111603
PUBLIC-AE	NPNTANOIAC	n-Pentanoic acid	C5H10O2	109-52-4	102.134003
PUBLIC-AE	NPO22OH2ION	Di(dioxoneptunium(VI)) dihydroxide ion(+2)	H2Np2O6+2		572.108337
PUBLIC-AE	NPO23OH5ION	Tri(dioxoneptunium(VI)) pentahydroxide ion(+1)	H5Np3O11+1		892.177246
PUBLIC-AE	NPO2C2O4	Dioxoneptunium(VI) oxalate	C2NpO6		357.066589
PUBLIC-AE	NPO2C2O42ION	Dioxoneptunium(VI) dioxalate ion(-2)	C4NpO10-2		445.086395
PUBLIC-AE	NPO2CL2	Dioxoneptunium(VI) chloride	Cl2NpO2		339.952789
PUBLIC-AE	NPO2CLION	Dioxoneptunium(VI) monochloride ion(+1)	ClNpO2+1		304.499786
PUBLIC-AE	NPO2CO3	Dioxoneptunium(VI) carbonate	CNpO5		329.056091
PUBLIC-AE	NPO2CO32ION	Dioxoneptunium dicarbonate ion(-2)	C2NpO8-2		389.065399
PUBLIC-AE	NPO2CO33ION	Dioxoneptunium tricarbonate ion(-4)	C3NpO11-4		449.074707
PUBLIC-AE	NPO2EDTAION	Dioxoneptunium EDTA ion(-3)	C10H12N2NpO10-3		557.262024
PUBLIC-AE	NPO2F2	Dioxoneptunium(VI) fluoride	F2NpO2		307.04361
PUBLIC-AE	NPO2FIION	Dioxoneptunium(VI) monofluoride ion(+1)	FNpO2+1		288.045197
PUBLIC-AE	NPO2H2NTA	Dioxoneptunium(VI) dihydrogen NTA	C6H8NNpO8		459.180267
PUBLIC-AE	NPO2H2PO4ION	Dioxoneptunium(VI) dihydrogen orthophosphate ion(+1)	H2NpO6P+1		366.034088
PUBLIC-AE	NPO2H3EDTA	Dioxoneptunium(VI) trihydrogen EDTA	C10H15N2NpO10		560.28595
PUBLIC-AE	NPO2HC2O4ION	Dioxoneptunium(VI) hydrogen oxalate ion(+1)	C2HNpO6+1		358.074585
PUBLIC-AE	NPO2HEDTAION	Dioxoneptunium(VI) hydrogen EDTA ion(-2)	C10H13N2NpO10-2		558.27002
PUBLIC-AE	NPO2HNTAION	Dioxoneptunium(VI) hydrogen NTA ion(-1)	C6H7NNpO8-1		458.172302
PUBLIC-AE	NPO2HPO4	Dioxoneptunium(VI) hydrogen orthophosphate	HNpO6P		365.026123
PUBLIC-AE	NPO2ION	Dioxoneptunium(VI) ion(+2)	NpO2+2		269.046814
PUBLIC-AE	NPO2NO3ION	Dioxoneptunium(VI) mononitrate ion(+1)	NNpO5+1		331.051697

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	NPO2NTAION	Dioxoneptunium(VI) NTA ion(-2)	C6H6NNpO8-2		457.164307
PUBLIC-AE	NPO2OH2	Dioxoneptunium(VI) hydroxide	H2NpO4		303.061554
PUBLIC-AE	NPO2OHION	Dioxoneptunium(VI) monohydroxide(+1)	HNpO3+1		286.054169
PUBLIC-AE	NPO2SO4	Dioxoneptunium(VI) sulfate	NpO6S		365.110413
PUBLIC-AE	NPO2SO42ION	Dioxoneptunium(VI) disulfate ion(-2)	NpO10S2-2		461.174011
PUBLIC-AE	NPROCHEXN	Propylcyclohexane	C9H18	1678-92-8	126.243362
PUBLIC-AE	NPROPPROPT	Propyl propionate	C6H12O2	106-36-5	116.161041
PUBLIC-AE	NPROPYACRT	1-Propyl acrylate	C6H10O2	925-60-0	114.145103
PUBLIC-AE	NPROPYLACT	Propyl acetate	C5H10O2	109-60-4	102.134003
PUBLIC-AE	NPVO22C2O4	Dioxoneptunium(V) oxalate	C2Np2O8		626.113403
PUBLIC-AE	NPVO2C2O42ION	Dioxoneptunium(V) dioxalate ion(-3)	C4NpO10-3		445.086395
PUBLIC-AE	NPVO2C2O4ION	Dioxoneptunium(V) monooxalate ion(-1)	C2NpO6-1		357.066589
PUBLIC-AE	NPVO2CL	Dioxoneptunium(V) chloride	CINpO2		304.499786
PUBLIC-AE	NPVO2CO32ION	Dioxoneptunium(V) dicarbonate ion(-3)	C2NpO8-3		389.065399
PUBLIC-AE	NPVO2CO33ION	Dioxoneptunium(V) tricarbonate ion(-5)	C3NpO11-5		449.074707
PUBLIC-AE	NPVO2CO3ION	Dioxoneptunium(V) monocarbonate ion(-1)	CNpO5-1		329.056091
PUBLIC-AE	NPVO2F	Dioxoneptunium(V) fluoride	FNpO2		288.045197
PUBLIC-AE	NPVO2H2PO4	Dioxoneptunium(V) dihydrogen orthophosphate	H2NpO6P		366.034088
PUBLIC-AE	NPVO2HPO4ION	Dioxoneptunium(V) hydrogen orthophosphate ion(-1)	HNpO6P-1		365.026123
PUBLIC-AE	NPVO2ION	Dioxoneptunium(V) ion(+1)	NpO2+1		269.046814
PUBLIC-AE	NPVO2OH	Dioxoneptunium(V) hydroxide	HO3Np		286.054169
PUBLIC-AE	NPVO2SO4ION	Dioxoneptunium(V) sulfate ion(-1)	NpO6S-1		365.110413
PUBLIC-AE	NTAION	NTA ion(-3)	C6H6NO6-3		188.117523
PUBLIC-AE	O2	Oxygen	O2	7782-44-7	31.9988
PUBLIC-AE	OCDBPOX	Octachlorodibenzo-p-dioxin	C12Cl8O2	3268-87-9	459.756012
PUBLIC-AE	OCDF	Octachlorodibenzofuran	C12Cl8O	39001-02-0	443.756592
PUBLIC-AE	OCLBNZICAC	o-Chlorobenzoic acid	C7H5ClO2	118-91-2	156.569351
PUBLIC-AE	OCLNAPHTHA	Perchloronaphthalene	C10Cl8	2234-13-1	403.734985
PUBLIC-AE	OCLNITBNZ	o-Chloronitrobenzene	C6H4ClNO2	88-73-3	157.556976
PUBLIC-AE	OCLPHENOL	o-Chlorophenol	C6H5ClO	95-57-8	128.558853
PUBLIC-AE	OCP	Octacalcium phosphate	Ca4H6O14.5P3		491.2724
PUBLIC-AE	OCRESOLE	o-Cresol	C7H8O	95-48-7	108.140862
PUBLIC-AE	OCTACONT	Octacontane	C80H162	7667-88-1	1124.179199
PUBLIC-AE	OCTACOSAN	n-Octacosane	C28H58	630-02-4	394.773071
PUBLIC-AE	OCTADECEN1	1-Octadecene	C18H36	112-88-9	252.486725
PUBLIC-AE	OCTADECNL1	1-Octadecanol	C18H38O	112-92-5	270.502075
PUBLIC-AE	OCTANAL1	Octanal	C8H16O	124-13-0	128.215714
PUBLIC-AE	OCTANION	Octanoic acid ion (-1)	C8H15O2-1		143.207153
PUBLIC-AE	OCTANOICAC	Octanoic acid	C8H16O2	124-07-2	144.215118
PUBLIC-AE	OCTANOL1	1-Octanol	C8H18O	111-87-5	130.231659
PUBLIC-AE	OCTANOL2	2-Octanol	C8H18O	123-96-6	130.231659
PUBLIC-AE	OCTANON2	2-Octanone	C8H16O	111-13-7	128.215714
PUBLIC-AE	OCTYLBNZ	1-Octylbenzene	C14H22	2189-60-8	190.330734
PUBLIC-AE	OCTYLFMT	n-Octyl formate	C9H18O2	112-32-3	158.242157
PUBLIC-AE	OCYMENE	o-Cymene	C10H14	527-84-4	134.22258
PUBLIC-AE	ODCLBNZN	o-Dichlorobenzene	C6H4Cl2	95-50-1	147.004486
PUBLIC-AE	OETPHENOL	2-Ethylphenol	C8H10O	90-00-6	122.1679
PUBLIC-AE	OHION	Hydroxide ion(-1)	HO-1		17.00737
PUBLIC-AE	OLEICAC	Oleic acid	C18H34O2	112-80-1	282.469574
PUBLIC-AE	ONIT2BNZ	o-Dinitrobenzene	C6H4N2O4	528-29-0	168.109482

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	OSALICYLION	Salicylic acid ion(-2)	C7H4O3-2		136.107773
PUBLIC-AE	OTERPHENYL	o-Terphenyl	C18H14	84-15-1	230.311386
PUBLIC-AE	OTOLUION	o-Toluic acid ion(-1)	C8H7O2-1		135.143387
PUBLIC-AE	OXALAC	Oxalic acid	C2H2O4	144-62-7	90.035744
PUBLIC-AE	OXALAC.2H2O	Oxalic acid dihydrate	C2H6O6		126.066422
PUBLIC-AE	OXALATION	Oxalate ion(-2)	C2O4-2		88.019798
PUBLIC-AE	OXAMIDE	Oxamide	C2H4N2O2	471-46-5	88.066277
PUBLIC-AE	OXCHEPNON2	2-Oxacycloheptanone	C6H10O2	502-44-3	114.145103
PUBLIC-AE	OXYLENE	o-Xylene	C8H10	95-47-6	106.168503
PUBLIC-AE	OZONE	Ozone	O3	10028-15-6	47.998199
PUBLIC-AE	P2O5	Phosphorus pentoxide	O5P2		141.944519
PUBLIC-AE	P2O7ION	Pyrophosphate ion(-4)	O7P2-4		173.943314
PUBLIC-AE	P4O10	Phosphorus pentoxide (dimer)	O10P4	16752-60-6	283.889038
PUBLIC-AE	PALMATION	Palmitic acid ion(-1)	C16H31O2-1		255.423477
PUBLIC-AE	PALMITACID	Palmitic acid	C16H32O2	57-10-3	256.431427
PUBLIC-AE	PARALD	Paracetaldehyde	C6H12O3	123-63-7	132.160446
PUBLIC-AE	PB2DTPAION	Dilead(II) DTPA ion(-1)	C14H18N3O10Pb2-1		802.712952
PUBLIC-AE	PB3PO42	Lead(II) orthophosphate	O8P2Pb3	7446-27-7	811.542725
PUBLIC-AE	PB3VO42	Lead(II) orthovanadate	Pb3O8V2		851.47821
PUBLIC-AE	PBACET2	Lead(II) acetate	C4H6O4Pb		325.289825
PUBLIC-AE	PBACET3ION	Lead(II) triacetate ion(-1)	C6H9O6Pb-1		384.334717
PUBLIC-AE	PBACETION	Lead(II) monoacetate ion(+1)	C2H3O2Pb+1		266.244904
PUBLIC-AE	PBALAN2	Lead(II) alanine	C6H12N2O4Pb		383.37323
PUBLIC-AE	PBALANION	Lead monoalanine ion(+1)	C3H6NO2Pb+1		295.286621
PUBLIC-AE	PBBR2	Lead(II) bromide	Br2Pb	10031-22-8	367.007996
PUBLIC-AE	PBBR3ION	Lead(II) tribromide ion(-1)	Br3Pb-1		446.911987
PUBLIC-AE	PBBRION	Lead(II) monobromide ion(+1)	BrPb+1		287.104004
PUBLIC-AE	PBC2O4	Lead(II) oxalate	C2O4Pb	814-93-7	295.219788
PUBLIC-AE	PBCL2	Lead(II) chloride	Cl2Pb	7758-95-4	278.105988
PUBLIC-AE	PBCL3ION	Lead(II) trichloride ion(-1)	Cl3Pb-1		313.55899
PUBLIC-AE	PBCL4ION	Lead(II) tetrachloride ion(-2)	Cl4Pb-2		349.011993
PUBLIC-AE	PBCLION	Lead(II) monochloride ion(+1)	ClPb+1		242.653
PUBLIC-AE	PBCO3	Lead(II) carbonate	CO3Pb	598-63-0	267.20929
PUBLIC-AE	PBCOOH2	Lead(II) formate	C2H2O4Pb		297.235748
PUBLIC-AE	PBCOOHION	Lead(II) monoformate ion(+1)	CHO2Pb+1		252.217865
PUBLIC-AE	PBDTPAION	Lead(II) DTPA ion(-3)	C14H18N3O10Pb-3		595.512939
PUBLIC-AE	PBEDA2ION	Lead(II) di(ethylenediamine) ion(+2)	C4H16N4Pb+2		327.398712
PUBLIC-AE	PBEDAION	Lead(II) monoethylenediamine ion(+2)	C2H8N2Pb+2		267.299347
PUBLIC-AE	PBEDTAION	Lead(II) EDTA ion(-2)	C10H12N2O8Pb-2		495.415253
PUBLIC-AE	PBEL	Lead	Pb	7439-92-1	207.199997
PUBLIC-AE	PBF2	Lead(II) fluoride	F2Pb	7783-46-2	245.196808
PUBLIC-AE	PBF3ION	Lead(II) trifluoride ion(-1)	F3Pb-1		264.195221
PUBLIC-AE	PBF4ION	Lead(II) tetrafluoride ion(-2)	F4Pb-2		283.193604
PUBLIC-AE	PBFION	Lead(II) monofluoride ion(+1)	FPb+1		226.19841
PUBLIC-AE	PBGLYCIN2	Lead(II) diglycine	C4H8N2O4Pb		355.319153
PUBLIC-AE	PBGLYCINION	Lead(II) monoglycine ion(+1)	C2H4NO2Pb+1		281.259583
PUBLIC-AE	PBGLYCOL2	Lead(II) diglycolate	C4H6O6Pb		357.288635
PUBLIC-AE	PBGLYCOLION	Lead(II) monoglycolate ion(+1)	C2H3O3Pb+1		282.244324
PUBLIC-AE	PBH2EDTA	Lead(II) dihydrogen EDTA	C10H14N2O8Pb		497.431183
PUBLIC-AE	PBH2PO4ION	Lead(II) dihydrogen orthophosphate ion(+1)	H2O4PPb+1		304.187286

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PBH3DTPA	Lead(II) trihydrogen DTPA	C14H21N3O10Pb		598.536865
PUBLIC-AE	PBHCO32	Lead(II) bicarbonate	C2H2O6Pb		329.234528
PUBLIC-AE	PBHDTPAION	Lead(II) hydrogen DTPA ion(-2)	C14H19N3O10Pb-2		596.520935
PUBLIC-AE	PBHEDTAION	Lead(II) hydrogen EDTA ion(-1)	C10H13N2O8Pb-1		496.423218
PUBLIC-AE	PBHNTA	Lead(III) hydrogen NTA	C6H7NO6Pb		396.3255
PUBLIC-AE	PBHPO4	Lead(II) hydrogen orthophosphate	HO4PPb		303.179321
PUBLIC-AE	PBHS2	Lead(II) bisulfide	H2PbS2		273.347931
PUBLIC-AE	PBHSO32	Lead(II) bisulfite	H2O6PbS2		369.34433
PUBLIC-AE	PBHSO42	Lead bisulfate	H2O8PbS2		401.34314
PUBLIC-AE	PBI2	Lead(II) iodide	I2Pb	10101-63-0	461.01001
PUBLIC-AE	PBI3ION	Lead(II) triiodide ion(-1)	I3Pb-1		587.914978
PUBLIC-AE	PBI4ION	Lead(II) tetraiodide ion(-2)	I4Pb-2		714.820007
PUBLIC-AE	PBIION	Lead(II) monoiodide ion(+1)	IPb+1		334.105011
PUBLIC-AE	PBION	Lead(II) ion(+2)	Pb+2		207.199997
PUBLIC-AE	PBMEXHION	Lead(II) mono(2-aminoethanol) ion(+2)	C2H7NOPb+2		268.284088
PUBLIC-AE	PBMOO4	Lead(II) molybdate	MoO4Pb	10190-55-3	367.137604
PUBLIC-AE	PBNH2CO22	Lead(II) carbamate	C2H4N2O4Pb		327.265076
PUBLIC-AE	PBNO22	Lead(II) nitrite	N2O4Pb		299.210999
PUBLIC-AE	PBNO23ION	Lead(II) trinitrite ion(-1)	N3O6Pb-1		345.216492
PUBLIC-AE	PBNO2ION	Lead(II) mononitrite ion(+1)	NO2Pb+1		253.205505
PUBLIC-AE	PBNO32	Lead(II) nitrate	N2O6Pb	10099-74-8	331.209808
PUBLIC-AE	PBNO33ION	Lead(II) trinitrate ion(-1)	N3O9Pb-1		393.214691
PUBLIC-AE	PBNO3ION	Lead(II) mononitrate ion(+1)	NO3Pb+1		269.204895
PUBLIC-AE	PBNTAION	Lead(II) NTA ion(-1)	C6H6NO6Pb-1		395.317505
PUBLIC-AE	PBO	Lead(II) oxide	OPb		223.199402
PUBLIC-AE	PBOH2	Lead(II) hydroxide	H2O2Pb	1311-11-1	241.214737
PUBLIC-AE	PBOHION	Lead(II) monohydroxide ion(+1)	HOPb+1		224.207367
PUBLIC-AE	PBS	Lead(II) sulfide	PbS	1314-87-0	239.266006
PUBLIC-AE	PBSCN2	Lead(II) thiocyanate	C2N2PbS2		323.367615
PUBLIC-AE	PBSCNION	Lead(II) thiocyanate ion(+1)	CNPbS+1		265.283813
PUBLIC-AE	PBSE	Lead(II) selenide	PbSe		286.160004
PUBLIC-AE	PBSO3	Lead(II) sulfite	O3PbS		287.264191
PUBLIC-AE	PBSO4	Lead(II) sulfate	O4PbS	7446-14-2	303.263611
PUBLIC-AE	PBTARTRT	Lead(II) tartrate	C4H4O6Pb		355.272675
PUBLIC-AE	PBVO32	Lead(II) metavanadate	PbO6V2		405.079407
PUBLIC-AE	PBWO4	Lead(II) tungstate(VI)	O4PbW	7759-01-5	455.047607
PUBLIC-AE	PCDF12378	1,2,3,7,8-Pentachlorodibenzofuran	C12H3Cl5O	57117-41-6	340.421509
PUBLIC-AE	PCDF23478	2,3,4,7,8-Pentachlorodibenzofuran	C12H2Cl5O	57117-31-4	339.413544
PUBLIC-AE	PCLNITBNZ	1-Chloro-4-nitrobenzene	C6H4ClNO2	100-00-5	157.556976
PUBLIC-AE	PCLPHENOL	p-Chlorophenol	C6H5ClO	106-48-9	128.558853
PUBLIC-AE	PCPDO12378	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	C12H3Cl5O2	40321-76-4	356.420898
PUBLIC-AE	PCRESOLE	p-Cresol	C7H8O	106-44-5	108.140862
PUBLIC-AE	PCUMYLPHE	p-Cumylphenol	C15H16O	599-64-4	212.293427
PUBLIC-AE	PDACET2	Palladium(II) acetate	C4H6O4Pd		224.509827
PUBLIC-AE	PDACET3ION	Palladium(II) triacetate ion(-1)	C6H9O6Pd-1		283.554718
PUBLIC-AE	PDACETION	Palladium(II) monoacetate ion(+1)	C2H3O2Pd+1		165.464905
PUBLIC-AE	PDCLBNZN	p-Dichlorobenzene	C6H4Cl2	106-46-7	147.004486
PUBLIC-AE	PDEL	Palladium	Pd	7440-05-3	106.419998
PUBLIC-AE	PDETNBZ	1,4-Diethylbenzene	C10H14	105-05-5	134.22258
PUBLIC-AE	PDGLYCIN2	Palladium(II) diglycine	C4H8N2O4Pd		254.539154

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PDGLYCINION	Palladium(II) monoglycine ion(+1)	C2H4NO2Pd+1		180.479584
PUBLIC-AE	PDICL2	Palladium(II) chloride	Cl2Pd		177.326004
PUBLIC-AE	PDICL3ION	Palladium(II) trichloride ion(-1)	Cl3Pd-1		212.779007
PUBLIC-AE	PDICL4ION	Palladium(II) tetrachloride ion(-2)	Cl4Pd-2		248.231995
PUBLIC-AE	PDICLION	Palladium(II) monochloride ion(+1)	ClPd+1		141.873001
PUBLIC-AE	PDIIION	Palladium ion(+2)	Pd+2		106.419998
PUBLIC-AE	PDIIOH2	Palladium(II) hydroxide	H2O2Pd		140.434738
PUBLIC-AE	PDIIOHION	Palladium(II) monohydroxide ion(+1)	HOPd+1		123.427368
PUBLIC-AE	PDIIISO4	Palladium(II) sulfate	O4PdS		202.483597
PUBLIC-AE	PDIIISO42ION	Palladium(II) disulfate ion(-2)	O8PdS2-2		298.547211
PUBLIC-AE	PDIIISO43ION	Palladium(II) trisulfate ion(-4)	O12PdS3-4		394.610809
PUBLIC-AE	PDNH32ION	Palladium(II) diammonia ion(+2)	H6N2Pd+2		140.481216
PUBLIC-AE	PDNH33ION	Palladium(II) triammonia ion(+2)	H9N3Pd+2		157.511826
PUBLIC-AE	PDNH34ION	Palladium(II) tetraammonia ion(+2)	H12N4Pd+2		174.542435
PUBLIC-AE	PDNH3ION	Palladium(II) monoammonia ion(+2)	H3NPd+2		123.450607
PUBLIC-AE	PDS	Palladium(II) sulfide	PdS		138.485992
PUBLIC-AE	PEL	Phosphorus	P	7723-14-0	30.973761
PUBLIC-AE	PENHEPTAC	Pentaheptacontane	C75H152	7667-86-9	1054.043945
PUBLIC-AE	PENHEXCONT	Pentahexacontane	C65H132	7719-88-2	913.77356
PUBLIC-AE	PENPENTCON	Pentapentacontane	C55H112	5846-40-2	773.503113
PUBLIC-AE	PENTACONT	Pentacontane	C50H102	6596-40-3	703.36792
PUBLIC-AE	PENTADECEN	1-Pentadecene	C15H30	13360-61-7	210.405594
PUBLIC-AE	PENTANAL1	Valeric aldehyde	C5H10O	110-62-3	86.134598
PUBLIC-AE	PENTANAL15	1,5-Pentanediol	C5H8O2	111-30-8	100.118057
PUBLIC-AE	PENTANION	n-Pentanoic acid ion(-1)	C5H9O2-1		101.12603
PUBLIC-AE	PENTANOL	1-Pentanol	C5H12O	71-41-0	88.150543
PUBLIC-AE	PENTANON3	Diethyl ketone	C5H10O	96-22-0	86.134598
PUBLIC-AE	PENTCOSAN	Pentacosane	C25H52	629-99-2	352.691925
PUBLIC-AE	PENTDIE132	1,3-Pentadiene	C5H8	504-60-9	68.119263
PUBLIC-AE	PENTDIEN12	1,2-Pentadiene	C5H8	591-95-7	68.119263
PUBLIC-AE	PENTEN3YN1	1-Pentene-3-yne	C5H6	646-05-9	66.103317
PUBLIC-AE	PENTEN4YN1	1-Pentene-4-yne	C5H6	871-28-3	66.103317
PUBLIC-AE	PENTETRCON	Pentatetracontane	C45H92	7098-23-9	633.232727
PUBLIC-AE	PENTNOL2	2-Pentanol	C5H12O	6032-29-7	88.150543
PUBLIC-AE	PENTNOL3	3-Pentanol	C5H12O	584-02-1	88.150543
PUBLIC-AE	PENTTRIACT	n-Pentatriacontane	C35H72	630-07-9	492.962341
PUBLIC-AE	PENTYLACET	1-Pentyl acetate	C7H14O2	628-63-7	130.18808
PUBLIC-AE	PENTYLBENZ	n-Pentylbenzene	C11H16	538-68-1	148.249619
PUBLIC-AE	PENTYN1	1-Pentyne	C5H8	627-19-0	68.119263
PUBLIC-AE	PERMETHRN	Permethrin	C21H20Cl2O3	52645-53-1	391.296692
PUBLIC-AE	PERYLENE	Perylene	C20H12	198-53-0	252.317642
PUBLIC-AE	PHE2PROOL2	2-Phenyl-2-propanol	C9H12O	617-94-7	136.194946
PUBLIC-AE	PHEBU1EN2	2-Phenyl-1-butene	C10H12	2039-93-2	132.206635
PUBLIC-AE	PHEETNOL2	2-Phenylethanol	C8H10O	60-12-8	122.1679
PUBLIC-AE	PHEINDEN1	1-Phenylindene	C15H12	1961-96-2	192.262146
PUBLIC-AE	PHENACENTL	Phenylacetonitrile	C8H7N	140-29-4	117.151291
PUBLIC-AE	PHENANTHR	Phenanthrene	C14H10	85-01-8	178.235107
PUBLIC-AE	PHENAPH2	2-Phenyl-naphthalene	C16H12	612-94-2	204.273239
PUBLIC-AE	PHENETOL	Phenetole	C8H10O	103-73-1	122.1679
PUBLIC-AE	PHENNAPHTH1	1-Phenyl-naphthalene	C16H12	605-02-7	204.273239

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PHENOXTL2	2-Phenoxyethanol	C8H10O2	112-99-6	138.167297
PUBLIC-AE	PHENPROPAC	3-Phenylpropionic acid	C9H10O2	501-52-0	150.178406
PUBLIC-AE	PHENPROTL3	3-Phenyl-1-propanol	C9H12O	122-97-4	136.194946
PUBLIC-AE	PHOXACAC	Phenoxyacetic acid	C8H8O3	122-59-8	152.150757
PUBLIC-AE	PHOXACION	Phenoxyacetic acid ion(-1)	C8H7O3-1		151.142792
PUBLIC-AE	PHTHALACID	Phthalic acid	C8H6O4	88-99-3	166.134216
PUBLIC-AE	PHTHALID	1-Phthalanone	C8H6O2	87-41-2	134.135422
PUBLIC-AE	PHTHANHYDR	Phthalic anhydride	C8H4O3	85-44-9	148.118881
PUBLIC-AE	PHTHLTION	Phthalic acid ion(-2)	C8H4O4-2		164.118286
PUBLIC-AE	PICRICAC	2,4,6-Trinitrophenol	C6H3N3O7	88-89-1	229.106415
PUBLIC-AE	PIMELATION	Pimelic acid ion(-2)	C7H10O4-2		158.154999
PUBLIC-AE	PIMELICAC	Pimelic acid	C7H12O4	111-16-0	160.170944
PUBLIC-AE	PINENEALP	alpha-Pinene	C10H16	80-56-8	136.238525
PUBLIC-AE	PINENEBETA	beta-Pinene	C10H16	127-91-3	136.238525
PUBLIC-AE	PIPERAZINE	1,4-Diazacyclohexane	C4H10N2	110-85-0	86.137497
PUBLIC-AE	PIPERZN.0.5H2O	1,4-Diazacyclohexane hemihydrate	C4H11N2O0.5		95.145172
PUBLIC-AE	PIPERZN.6H2O	1,4-Diazacyclohexane hexahydrate	C4H22N2O6		194.229538
PUBLIC-AE	PIPZNCARBION	Piperazine carbamate ion(-1)	C5H9N2O2-1		129.139435
PUBLIC-AE	PIPZNDICARBION	Piperazine dicarbamate ion(-2)	C6H8N2O4-2		172.141357
PUBLIC-AE	PMEBNZ	Pentamethylbenzene	C11H16	700-12-9	148.249619
PUBLIC-AE	PMESTYREN	p-Methylstyrene	C9H10	622-97-9	118.179604
PUBLIC-AE	PNONYLPHE	4-Nonylphenol	C15H24O	104-40-5	220.357178
PUBLIC-AE	PNTADIEN13	cis-1,3-Pentadiene	C5H8	1574-41-0	68.119263
PUBLIC-AE	PNTADIEN14	1,4-Pentadiene	C5H8	591-93-5	68.119263
PUBLIC-AE	PNTADIEN23	2,3-Pentadiene	C5H8	591-96-8	68.119263
PUBLIC-AE	PNTAERYTHR	Pentaerythritol	C5H12O4	115-77-5	136.148743
PUBLIC-AE	PNTANON2	2-Pentanone	C5H10O	107-87-9	86.134598
PUBLIC-AE	PNTDECAC	Pentadecanoic acid	C15H30O2	1002-84-2	242.404404
PUBLIC-AE	PNTDECANOL	1-Pentadecanol	C15H32O	629-76-5	228.420944
PUBLIC-AE	PNTDEON2	2-Pentadecanone	C15H30O	2345-28-0	226.404999
PUBLIC-AE	PO4ION	Phosphate ion(-3)	O4P-3		94.971359
PUBLIC-AE	PR2CO33	Praseodymium(III) carbonate	C3O9Pr2		461.843292
PUBLIC-AE	PR2MOO43	Praseodymium(III) molybdate(VI)	Mo3O12Pr2		761.628174
PUBLIC-AE	PR2MOO43.2H2O	Praseodymium(III) molybdate(VI) dihydrate	H4Mo3O14Pr2		797.658875
PUBLIC-AE	PR2SO43	Praseodymium(III) sulfate	O12Pr2S3		570.006226
PUBLIC-AE	PR2TRTRT3	Praseodymium(III) tartrate	C12H12O18Pr2		726.033447
PUBLIC-AE	PR2WO43	Praseodymium(III) tungstate	O12Pr2W3		1025.358154
PUBLIC-AE	PR4NBR	Tetrapropylammonium bromide	C12H28BrN		266.267059
PUBLIC-AE	PR4NCL	Tetrapropylammonium chloride	C12H28ClN		221.816055
PUBLIC-AE	PR4NI	Tetrapropylammonium iodide	C12H28IN		313.268066
PUBLIC-AE	PR4NION	Tetrapropylammonium ion(+1)	C12H28N+1		186.363068
PUBLIC-AE	PRACET2ION	Praseodymium(III) diacetate ion(+1)	C4H6O4Pr+1		258.997528
PUBLIC-AE	PRACET3	Praseodymium(III) acetate	C6H9O6Pr		318.042419
PUBLIC-AE	PRACETION	Praseodymium(III) monoacetate ion(+2)	C2H3O2Pr+2		199.952606
PUBLIC-AE	PRBR3	Praseodymium(III) bromide	Br3Pr		380.61969
PUBLIC-AE	PRCL2ION	Praseodymium(III) dichloride ion(+1)	Cl2Pr+1		211.813705
PUBLIC-AE	PRCL3	Praseodymium(III) chloride	Cl3Pr	10361-79-2	247.266693
PUBLIC-AE	PRCL3.7H2O	Praseodymium(III) chloride heptahydrate	Cl3H14O7Pr		373.374084
PUBLIC-AE	PRCL4ION	Praseodymium(III) tetrachloride ion(-1)	Cl4Pr-1		282.719696
PUBLIC-AE	PRCLION	Praseodymium(III) monochloride ion(+2)	ClPr+2		176.360703

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PRCO3ION	Praseodymium(III) carbonate ion(+1)	CO3Pr+1		200.917007
PUBLIC-AE	PRCTR	Praseodymium(III) citrate	C6H5O7Pr		330.009949
PUBLIC-AE	PRDTPAION	Praseodymium(III) DTPA ion(-2)	C14H18N3O10Pr-2		529.220642
PUBLIC-AE	PREDTAION	Praseodymium(III) EDTA ion(-1)	C10H12N2O8Pr-1		429.122925
PUBLIC-AE	PREL	Praseodymium	Pr	7440-10-0	140.9077
PUBLIC-AE	PRF2ION	Praseodymium(III) difluoride ion(+1)	F2Pr+1		178.90451
PUBLIC-AE	PRF3	Praseodymium(III) fluoride	F3Pr		197.902908
PUBLIC-AE	PRF4ION	Praseodymium(III) tetrafluoride ion(-1)	F4Pr-1		216.901306
PUBLIC-AE	PRFION	Praseodymium(III) monofluoride ion(+2)	FPr+2		159.906097
PUBLIC-AE	PRFORMAT	Propyl formate	C4H8O2	110-74-7	88.106956
PUBLIC-AE	PRH2DTPA	Praseodymium(III) dihydrogen DTPA	C14H20N3O10Pr		531.236572
PUBLIC-AE	PRH2PO4ION	Praseodymium(III) dihydrogen orthophosphate ion(+2)	H2O4PPr+2		237.895004
PUBLIC-AE	PRHCO3ION	Praseodymium(III) bicarbonate ion(+2)	CHO3Pr+2		201.924973
PUBLIC-AE	PRHDTPAION	Praseodymium(III) hydrogen DTPA ion(-1)	C14H19N3O10Pr-1		530.228638
PUBLIC-AE	PRHEDTA	Praseodymium(III) hydrogen EDTA	C10H13N2O8Pr		430.13092
PUBLIC-AE	PRI3	Praseodymium(III) iodide	I3Pr		521.622681
PUBLIC-AE	PRION	Praseodymium ion(+3)	Pr+3		140.9077
PUBLIC-AE	PRMOO43ION	Praseodymium(III) trimolybdate ion(-3)	Mo3O12Pr-3		620.72052
PUBLIC-AE	PRMOO4ION	Praseodymium(III) molybdate ion(+1)	MoO4Pr+1		300.845306
PUBLIC-AE	PRNO33	Praseodymium(III) nitrate	O9N3Pr		326.922394
PUBLIC-AE	PRNO33.6H2O	Praseodymium(III) nitrate hexahydrate	H12N3O15Pr		435.014435
PUBLIC-AE	PRNO3ION	Praseodymium(III) mononitrate ion(+2)	NO3Pr+2		202.912598
PUBLIC-AE	PRNTA	Praseodymium(III) NTA	C6H6NO6Pr		329.025208
PUBLIC-AE	PRNTA2ION	Praseodymium(III) di-NTA ion(-3)	C12H12N2O12Pr-3		517.142761
PUBLIC-AE	PROBUTYRAT	Propyl n-butyrate	C7H14O2	105-66-8	130.18808
PUBLIC-AE	PROCPENTAN	Propylcyclopentane	C8H16	2040-96-2	112.216316
PUBLIC-AE	PROGLIMETH	Dipropylene glycol methyl ether	C8H18O3	12002-25-4	162.230453
PUBLIC-AE	PROH2ION	Praseodymium(III) dihydroxide ion(+1)	H2O2Pr+1		174.92244
PUBLIC-AE	PROH3	Praseodymium(III) hydroxide	H3O3Pr		191.92981
PUBLIC-AE	PROH4ION	Praseodymium(III) tetrahydroxide ion(-1)	H4O4Pr-1		208.93718
PUBLIC-AE	PROHION	Praseodymium(III) monohydroxide ion(+2)	HOPr+2		157.91507
PUBLIC-AE	PROHNTAION	Praseodymium(III) hydroxide NTA ion(-1)	C6H7NO7Pr-1		346.032593
PUBLIC-AE	PROMEACRL	Propyl methacrylate	C7H12O2	2210-28-8	128.172134
PUBLIC-AE	PROPAM3NL	3-Aminopropanenitrile	C3H6N2	151-18-8	70.094521
PUBLIC-AE	PROPAMHION	Hydrogen propylamine ion(+1)	C3H10N+1		60.119701
PUBLIC-AE	PROPAMIDE	Propanamide	C3H7NO	79-05-0	73.095192
PUBLIC-AE	PROPANATEION	Propionic acid ion(-1)	C3H5O2-1		73.071953
PUBLIC-AE	PROPANOL1	1-Propanol	C3H8O	71-23-8	60.096458
PUBLIC-AE	PROPCLFRMT	Propyl chloroformate	C4H7ClO2	109-61-5	122.551987
PUBLIC-AE	PROPGLAL	Propargyl alcohol	C3H4O	107-19-7	56.064579
PUBLIC-AE	PROPIOPHEN	1-Phenyl-1-propanone	C9H10O	93-55-0	134.179001
PUBLIC-AE	PROPOXUR	2-Methylethoxyphenyl carbamate	C11H15NO3	114-26-1	209.246552
PUBLIC-AE	PROPYLAMN	Propylamine	C3H9N	107-10-8	59.111729
PUBLIC-AE	PROPYLBNZ	Propylbenzene	C9H12	103-65-1	120.195541
PUBLIC-AE	PRPADNTRIL	Propanedinitrile	C3H2N2	109-77-3	66.062637
PUBLIC-AE	PRPIOANHYD	Propanoic anhydride	C6H10O3	123-62-6	130.144501
PUBLIC-AE	PRPIONALDH	Propionaldehyde	C3H6O	123-38-6	58.080521
PUBLIC-AE	PRPLNGLY12	1,2-Propanediol	C3H8O2	57-55-6	76.095863
PUBLIC-AE	PRPO4	Praseodymium(III) orthophosphate	O4PPr		235.879059
PUBLIC-AE	PRPO4.2H2O	Praseodymium(III) orthophosphate dihydrate	H4O6PPr		271.909729

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PRPYLOXD12	2-Methyloxiran	C3H6O	75-56-9	58.080521
PUBLIC-AE	PRSO42ION	Praseodymium(III) disulfate ion(-1)	O8S2Pr-1		333.034912
PUBLIC-AE	PRSO4ION	Praseodymium(III) sulfate ion(+1)	O4PrS+1		236.971298
PUBLIC-AE	PRTRTRTION	Praseodymium(III) tartrate ion(+1)	C4H4O6Pr+1		288.980377
PUBLIC-AE	PSALICYLAC	p-Salicylic acid	C7H6O3	99-96-7	138.123718
PUBLIC-AE	PSALICYLION	p-Salicylic acid ion(-2)	C7H4O3-2		136.107773
PUBLIC-AE	PTACET2	Platinum(II) acetate	C4H6O4Pt		313.16983
PUBLIC-AE	PTACET3ION	Platinum(II) triacetate ion(-1)	C6H9O6Pt-1		372.214722
PUBLIC-AE	PTACETION	Platinum(II) monoacetate ion(+1)	C2H3O2Pt+1		254.124908
PUBLIC-AE	PTDEATION	Pentadecanoic acid ion(-1)	C15H29O2-1		241.396423
PUBLIC-AE	PTTEL	Platinum	Pt	7440-06-4	195.080002
PUBLIC-AE	PTERPHENYL	p-Terphenyl	C18H14	92-94-4	230.311386
PUBLIC-AE	PTGLYCIN2	Platinum(II) diglycine	C4H8N2O4Pt		343.199158
PUBLIC-AE	PTGLYCINION	Platinum(II) monoglycine ion(+1)	C2H4NO2Pt+1		269.139587
PUBLIC-AE	PTH2EDTA	Platinum(II) dihydrogen EDTA	C10H14N2O8Pt		485.311188
PUBLIC-AE	PTH3EDTAION	Platinum(II) trihydrogen EDTA ion(+1)	C10H15N2O8Pt+1		486.319153
PUBLIC-AE	PTHEDTAION	Platinum(II) hydrogen EDTA ion(-1)	C10H13N2O8Pt-1		484.303223
PUBLIC-AE	PTIICL2	Platinum(II) chloride	Cl2Pt		265.985992
PUBLIC-AE	PTIICL3ION	Platinum(II) trichloride ion(-1)	Cl3Pt-1		301.438995
PUBLIC-AE	PTIICL4ION	Platinum(II) tetrachloride ion(-2)	Cl4Pt-2		336.891998
PUBLIC-AE	PTIICLION	Platinum(II) monochloride ion(+1)	ClPt+1		230.533005
PUBLIC-AE	PTIIION	Platinum ion(+2)	Pt+2		195.080002
PUBLIC-AE	PTIINH34ION	Platinum(II) tetraammonia ion(+2)	H12N4Pt+2		263.202454
PUBLIC-AE	PTIIOH2	Platinum(II) hydroxide	H2O2Pt		229.094742
PUBLIC-AE	PTIIOHION	Platinum(II) monohydroxide ion(+1)	HOPt+1		212.087372
PUBLIC-AE	PTIISO4	Platinum(II) sulfate	O4PtS		291.143585
PUBLIC-AE	PTIISO42ION	Platinum(II) disulfate ion(-2)	O8PtS2-2		387.207214
PUBLIC-AE	PTIISO43ION	Platinum(II) trisulfate ion(-4)	O12PtS3-4		483.270813
PUBLIC-AE	PTIVCL2ION	Platinum(IV) dichloride ion(+2)	Cl2Pt+2		265.985992
PUBLIC-AE	PTIVCL3ION	Platinum(IV) trichloride ion(+1)	Cl3Pt+1		301.438995
PUBLIC-AE	PTIVCL4	Platinum(IV) chloride	Cl4Pt		336.891998
PUBLIC-AE	PTIVCL5ION	Platinum(IV) pentachloride ion(-1)	Cl5Pt-1		372.345001
PUBLIC-AE	PTIVCL6ION	Platinum(IV) hexachloride ion(-2)	Cl6Pt-2		407.798004
PUBLIC-AE	PTIVCLION	Platinum(IV) monochloride ion(+3)	ClPt+3		230.533005
PUBLIC-AE	PTIVION	Platinum ion(+4)	Pt+4		195.080002
PUBLIC-AE	PTIVNH36ION	Platinum(IV) hexaammonia ion(+4)	H18N6Pt+4		297.263672
PUBLIC-AE	PTIVNH36OH4	Platinum(IV) hexaammonia tetrahydroxide	H22N6O4Pt		365.293152
PUBLIC-AE	PTNH36CL4	Platinum(IV) hexaammonia tetrachloride	Cl4H18N6Pt		439.075653
PUBLIC-AE	PTOH4	Platinum hydroxide	H4O4Pt		263.109467
PUBLIC-AE	PTOLUALD	4-Tolualdehyde	C8H8O	104-87-0	120.151962
PUBLIC-AE	PTOLUICAC	p-Toluic acid	C8H8O2	99-94-5	136.151367
PUBLIC-AE	PTOLUION	p-Toluylic acid ion(-1)	C8H7O2-1		135.143387
PUBLIC-AE	PTS	Platinum(II) sulfide	PtS		227.145996
PUBLIC-AE	PTTAMYPHE	4-tert-Amylphenol	C11H16O	80-46-6	164.249023
PUBLIC-AE	PTTBUCATE	p-tert-Butylcatechol	C10H14O2	98-29-3	166.221375
PUBLIC-AE	PTTBUPHENL	p-tert-Butylphenol	C10H14O	98-54-4	150.221985
PUBLIC-AE	PTTOCTYPHE	p-tert-Octylphenol	C14H22O	140-66-9	206.330139
PUBLIC-AE	PU2O3	Plutonium(III) oxide	O3Pu2		535.99823
PUBLIC-AE	PUEL	Plutonium	Pu		244
PUBLIC-AE	PUF6	Plutonium(VI) fluoride	F6Pu		357.990417

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PUII2SO43	Plutonium(III) sulfate	O12Pu2S3		776.190796
PUBLIC-AE	PUIIIBR3	Plutonium(III) bromine	Br3Pu		483.712006
PUBLIC-AE	PUIIICL3	Plutonium(III) chloride	Cl3Pu		350.359009
PUBLIC-AE	PUIIICL3.6H2O	Plutonium(III) chloride hexahydrate	Cl3H12O6Pu		458.45105
PUBLIC-AE	PUIIIF3	Plutonium(III) fluoride	F3Pu		300.995209
PUBLIC-AE	PUIIIF3	Plutonium(III) iodide	I3Pu		624.715027
PUBLIC-AE	PUIIIION	Plutonium ion(+3)	Pu+3		244
PUBLIC-AE	PUIIIOH3	Plutonium(III) hydroxide	H3O3Pu		295.022125
PUBLIC-AE	PUIIISO4ION	Plutonium(III) sulfate ion(+1)	O4PuS+1		340.063599
PUBLIC-AE	PUIIVC2O42	Plutonium(IV) oxalate	C4O8Pu		420.039612
PUBLIC-AE	PUIIVC2O43ION	Plutonium(IV) trioxalate ion(-2)	C6O12Pu-2		508.059387
PUBLIC-AE	PUIIVC2O44ION	Plutonium(VI) tetraoxalate ion(-4)	C8O16Pu-4		596.079224
PUBLIC-AE	PUIIVC2O4ION	Plutonium(IV) monooxalate ion(+2)	C2O4Pu+2		332.019806
PUBLIC-AE	PUIIVCITRATION	Plutonium(IV) citrate ion(+1)	C6H5O7Pu+1		433.102264
PUBLIC-AE	PUIIVCL2ION	Plutonium(IV) dichloride ion(+2)	Cl2Pu+2		314.906006
PUBLIC-AE	PUIIVCL3ION	Plutonium(IV) trichloride ion(+1)	Cl3Pu+1		350.359009
PUBLIC-AE	PUIIVCL4	Plutonium(IV) chloride	Cl4Pu		385.812012
PUBLIC-AE	PUIIVCLION	Plutonium(IV) monochloride ion(+3)	ClPu+3		279.453003
PUBLIC-AE	PUIIVCO32	Plutonium(IV) carbonate	C2O6Pu		364.018585
PUBLIC-AE	PUIIVCO3ION	Plutonium(IV) carbonate ion(+2)	CO3Pu+2		304.009308
PUBLIC-AE	PUIIVEDTA	Plutonium(IV) EDTA	C10H12N2O8Pu		532.21521
PUBLIC-AE	PUIIVF4	Plutonium(IV) fluoride	F4Pu	13709-56-3	319.993622
PUBLIC-AE	PUIIVFION	Plutonium(IV) monofluoride ion(+3)	FPu+3		262.998413
PUBLIC-AE	PUIIVHPO42	Plutonium(IV) hydrogen orthophosphate	H2O8P2Pu		435.958649
PUBLIC-AE	PUIIVION	Plutonium ion(+4)	Pu+4		244
PUBLIC-AE	PUIIVNO32ION	Plutonium(IV) dinitrate ion(+2)	N2O6Pu+2		368.009796
PUBLIC-AE	PUIIVNO33ION	Plutonium(IV) trinitrate ion(+1)	N3O9Pu+1		430.014709
PUBLIC-AE	PUIIVNO34	Plutonium(IV) nitrate	N4O12Pu		492.019592
PUBLIC-AE	PUIIVNO3ION	Plutonium(IV) mononitrate ion(+3)	NO3Pu+3		306.004913
PUBLIC-AE	PUIIVOH2ION	Plutonium(IV) dihydroxide ion(+2)	H2O2Pu+2		278.01474
PUBLIC-AE	PUIIVOH3ION	Plutonium(IV) trihydroxide ion(+1)	H3O3Pu+1		295.022125
PUBLIC-AE	PUIIVOH4	Plutonium(IV) hydroxide	H4O4Pu		312.02948
PUBLIC-AE	PUIIVOHION	Plutonium(IV) monohydroxide ion(+3)	HOPu+3		261.007385
PUBLIC-AE	PUIIVSO42	Plutonium(IV) sulfate	O8PuS2		436.127197
PUBLIC-AE	PUIIVSO4ION	Plutonium(IV) monosulfate ion(+2)	O4PuS+2		340.063599
PUBLIC-AE	PUO22OH2ION	Di(dioxyplutonium(VI)) dihydroxide ion(+2)	H2O6Pu2+2		586.012329
PUBLIC-AE	PUO23OH5ION	Tri(dioxyplutonium(VI)) pentahydroxide ion(+1)	H5O11Pu3+1		913.033264
PUBLIC-AE	PUO2C2O4	Dioxyplutonium(VI) oxalate	C2O6Pu		364.018585
PUBLIC-AE	PUO2C2O42ION	Dioxyplutonium(VI) dioxalate ion(-2)	C4O10Pu-2		452.038391
PUBLIC-AE	PUO2CL2	Dioxyplutonium(VI) chloride	Cl2O2Pu		346.904785
PUBLIC-AE	PUO2CLION	Dioxyplutonium(VI) monochloride ion(+1)	ClO2Pu+1		311.451813
PUBLIC-AE	PUO2CO3	Dioxyplutonium(VI) carbonate	CO5Pu		336.008087
PUBLIC-AE	PUO2CO32ION	Dioxyplutonium(VI) dicarbonate ion(-2)	C2O8Pu-2		396.017395
PUBLIC-AE	PUO2CO33ION	Dioxyplutonium(VI) tricarbonate ion(-4)	C3O11Pu-4		456.026703
PUBLIC-AE	PUO2EDTAION	Dioxyplutonium(VI) EDTA ion(-2)	C10H12N2O10Pu-2		564.21405
PUBLIC-AE	PUO2F2	Dioxyplutonium(VI) fluoride	F2O2Pu		313.995605
PUBLIC-AE	PUO2F3ION	Dioxyplutonium(VI) trifluoride ion(-1)	F3O2Pu-1		332.994019
PUBLIC-AE	PUO2F4ION	Dioxyplutonium(VI) tetrafluoride ion(-2)	F4O2Pu-2		351.992401
PUBLIC-AE	PUO2FION	Dioxyplutonium(VI) monofluoride ion(+1)	FO2Pu+1		294.997192
PUBLIC-AE	PUO2GLYCOL2	Dioxyplutonium(VI) glycolate	C4H6O8Pu		426.087433

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	PUO2GLYCOL3ION	Dioxyplutonium(VI) triglycolate ion(-1)	C6H9O11Pu-1		501.131744
PUBLIC-AE	PUO2GLYCOLION	Dioxyplutonium(VI) monoglycolate ion(+1)	C2H3O5Pu+1		351.043121
PUBLIC-AE	PUO2H2NTA	Dioxyplutonium(VI) dihydrogen NTA	C6H8NO8Pu		466.132263
PUBLIC-AE	PUO2H3EDTA	Dioxyplutonium(VI) trihydrogen EDTA	C10H15N2O10Pu		567.237976
PUBLIC-AE	PUO2HEDTAION	Dioxyplutonium(VI) hydrogen EDTA ion(-2)	C10H13N2O10Pu-2		565.221985
PUBLIC-AE	PUO2HPO4	Dioxyplutonium(VI) hydrogen orthophosphate	HO6PPu		371.978119
PUBLIC-AE	PUO2ION	Dioxyplutonium(VI) ion(+2)	O2Pu+2		275.99881
PUBLIC-AE	PUO2NO32	Dioxyplutonium(VI) nitrate	N2O8Pu		400.008606
PUBLIC-AE	PUO2NO3ION	Dioxyplutonium(VI) mononitrate ion(+1)	NO5Pu+1		338.003693
PUBLIC-AE	PUO2NTAION	Dioxyplutonium(VI) NTA ion(-2)	C6H6NO8Pu-2		464.116333
PUBLIC-AE	PUO2OH2	Dioxyplutonium(VI) hydroxide	H2O4Pu		310.01355
PUBLIC-AE	PUO2OHION	Dioxyplutonium(VI) monohydroxide ion(+1)	HO3Pu+1		293.006165
PUBLIC-AE	PUO2SO4	Dioxyplutonium(VI) sulfate	O6PuS		372.062408
PUBLIC-AE	PUO2SO42ION	Dioxyplutonium(VI) disulfate ion(-2)	O10PuS2-2		468.126007
PUBLIC-AE	PUV022C2O4	Di(dioxyplutonium(V)) oxalate	C2O8Pu2		640.017395
PUBLIC-AE	PUV022C2O42ION	Dioxyplutonium(V) dioxalate ion(-3)	C4O10Pu-3		452.038391
PUBLIC-AE	PUV022C2O4ION	Dioxyplutonium(V) monooxalate ion(-1)	C2O6Pu-1		364.018585
PUBLIC-AE	PUV02CL	Dioxyplutonium(V) chloride	ClO2Pu		311.451813
PUBLIC-AE	PUV02CO3ION	Dioxyplutonium(V) carbonate ion(-1)	CO5Pu-1		336.008087
PUBLIC-AE	PUV02F	Dioxyplutonium(V) fluoride	FO2Pu		294.997192
PUBLIC-AE	PUV02HEDTAION	Dioxyplutonium(V) hydrogen EDTA ion(-2)	C10H13N2O10Pu-2		565.221985
PUBLIC-AE	PUV02ION	Dioxyplutonium(V) ion(+1)	O2Pu+1		275.99881
PUBLIC-AE	PUV02NO3	Dioxyplutonium(V) nitrate	NO5Pu		338.003693
PUBLIC-AE	PUV02OH	Dioxyplutonium(V) hydroxide	HO3Pu		293.006165
PUBLIC-AE	PUV02SO4ION	Dioxyplutonium(V) sulfate ion(-1)	O6PuS-1		372.062408
PUBLIC-AE	PXYLENE	1,4-Dimethylbenzene	C8H10	106-42-3	106.168503
PUBLIC-AE	PYRENE	Pyrene	C16H10	129-00-0	202.257294
PUBLIC-AE	PYRETHRIN1	Pyrethrin I	C21H28O3	121-21-1	328.454468
PUBLIC-AE	PYRETHRIN2	Pyrethrin II	C22H28O5	121-29-9	372.464355
PUBLIC-AE	PYRIDINE	Pyridine	C5H5N	110-86-1	79.102051
PUBLIC-AE	PYROGLUTAION	L-Pyroglutamic acid ion(-2)	C5H5NO3-2		127.10025
PUBLIC-AE	QUINOLINE	Quinoline	C9H7N	91-22-5	129.162384
PUBLIC-AE	QUINON	1,4-Benzoquinone	C6H4O2	106-51-4	108.097282
PUBLIC-AE	RA3PO42	Radium phosphate	O8P2Ra3		868.0177
PUBLIC-AE	RAACET2	Radium acetate	C4H6O4Ra		344.114807
PUBLIC-AE	RAACETION	Radium monoacetate ion(+1)	C2H3O2Ra+1		285.069916
PUBLIC-AE	RABR2	Radium bromide	Br2Ra	10031-23-9	385.833008
PUBLIC-AE	RABR2.2H2O	Radium bromide dihydrate	Br2H4O2Ra		421.863678
PUBLIC-AE	RACL2	Radium chloride	Cl2Ra	10025-66-8	296.931
PUBLIC-AE	RACL2.2H2O	Radium chloride dihydrate	Cl2H4O2Ra		332.96167
PUBLIC-AE	RACLION	Radium monochloride ion(+1)	ClRa+1		261.477997
PUBLIC-AE	RACO3	Radium carbonate	CO3Ra		286.034302
PUBLIC-AE	RAEDTAION	Radium EDTA ion(-2)	C10H12N2O8Ra-2		514.240234
PUBLIC-AE	RAEL	Radium	Ra		226.024994
PUBLIC-AE	RAF2	Radium fluoride	F2Ra		264.02182
PUBLIC-AE	RAFION	Radium monofluoride ion(+1)	FRa+1		245.023407
PUBLIC-AE	RAGLYCIN2	Radium diglycine	C4H8N2O4Ra		374.144165
PUBLIC-AE	RAGLYCINION	Radium monoglycine ion(+1)	C2H4NO2Ra+1		300.084595
PUBLIC-AE	RAGLYCOL2	Radium glycolate	C4H6O6Ra		376.113617
PUBLIC-AE	RAGLYCOLION	Radium monoglycolate ion(+1)	C2H3O3Ra+1		301.069305

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	RAH2EDTA	Radium dihydrogen EDTA	C10H14N2O8Ra		516.256165
PUBLIC-AE	RAI2	Radium iodide	I2Ra		479.834991
PUBLIC-AE	RAI2.0.5H2O	Radium iodide hemihydrate	HI2O0.5Ra		488.842682
PUBLIC-AE	RAIION	Radium monoiodide ion(+1)	IRa+1		352.929993
PUBLIC-AE	RAIO32	Radium iodate	I2O6Ra		575.831421
PUBLIC-AE	RAIO32.1H2O	Radium iodate monohydrate	H2I2O7Ra		593.846741
PUBLIC-AE	RAION	Radium ion(+2)	Ra+2		226.024994
PUBLIC-AE	RANO32	Radium nitrate	N2O6Ra		350.03479
PUBLIC-AE	RANO3ION	Radium mononitrate ion(+1)	NO3Ra+1		288.029907
PUBLIC-AE	RAOH2	Radium hydroxide	H2O2Ra		260.039734
PUBLIC-AE	RAOHION	Radium monohydroxide ion(+1)	HO Ra+1		243.032364
PUBLIC-AE	RAS	Radium sulfide	RaS		258.091003
PUBLIC-AE	RASE	Radium selenide	SeRa		304.984985
PUBLIC-AE	RASEO3	Radium selenite	O3RaSe		352.983185
PUBLIC-AE	RASEO4	Radium selenate	O4RaSe		368.982605
PUBLIC-AE	RASO3	Radium sulfite	O3RaS		306.089203
PUBLIC-AE	RASO4	Radium sulfate	O4RaS		322.088593
PUBLIC-AE	RATARTRT	Radium tartrate	C4H4O6Ra		374.097687
PUBLIC-AE	RB2CO3	Rubidium carbonate	CO3Rb2		230.944901
PUBLIC-AE	RB2CO3.1.5H2O	Rubidium carbonate 1.5 hydrate	CH3O4.5Rb2		257.967896
PUBLIC-AE	RB2CO3.1H2O	Rubidium carbonate monohydrate	CH2O4Rb2		248.960236
PUBLIC-AE	RB2CO3.3.5H2O	Rubidium carbonate 3.5 hydrate	CH7O6.5Rb2		293.998596
PUBLIC-AE	RB2CRO4	Rubidium chromate(VI)	CrO4Rb2		286.929199
PUBLIC-AE	RB2MOO4	Rubidium molybdate(VI)	MoO4Rb2		330.873199
PUBLIC-AE	RB2SEO3	Rubidium selenite	O3Rb2Se		297.893799
PUBLIC-AE	RB2SEO4	Rubidium selenate	O4Rb2Se		313.893188
PUBLIC-AE	RB2SO4	Rubidium sulfate	O4Rb2S		266.999207
PUBLIC-AE	RB2WO4	Rubidium tungstate(VI)	O4Rb2W		418.783203
PUBLIC-AE	RBACET	Rubidium acetate	C2H3O2Rb		144.512711
PUBLIC-AE	RBBO2	Rubidium metaborate	BRbO2		128.276627
PUBLIC-AE	RBBPH4	Rubidium tetraphenylborate	C24H20BRb	5971-93-7	404.703644
PUBLIC-AE	RBBR	Rubidium bromide	BrRb	7789-39-1	165.371796
PUBLIC-AE	RBCL	Rubidium chloride	ClRb	7791-11-9	120.920799
PUBLIC-AE	RBCTRION	Rubidium citrate ion(-2)	C6H5O7Rb-2		274.570038
PUBLIC-AE	RBEL	Rubidium	Rb	7440-17-7	85.467796
PUBLIC-AE	RBF	Rubidium fluoride	FRb		104.466202
PUBLIC-AE	RF.1H2O	Rubidium fluoride monohydrate	FH2ORb		122.481544
PUBLIC-AE	RBGLYCOL	Rubidium glycolate	C2H3O3Rb		160.512115
PUBLIC-AE	RBGLYCOL2ION	Rubidium diglycolate ion(-1)	C4H6O6Rb-1		235.556427
PUBLIC-AE	RBH2CTRT	Rubidium dihydrogen citrate	C6H7O7Rb		276.585999
PUBLIC-AE	RBH2PO4	Rubidium dihydrogen orthophosphate	H2O4PRb		182.455093
PUBLIC-AE	RBHF2	Rubidium hydrogen difluoride	F2HRb		124.472572
PUBLIC-AE	RBI	Rubidium iodide	IRb	7790-29-6	212.372803
PUBLIC-AE	RBION	Rubidium ion(+1)	Rb+1		85.467796
PUBLIC-AE	RBNBO3	Rubidium niobate	NbO3Rb		226.372406
PUBLIC-AE	RBNO2	Rubidium nitrite	NO2Rb		131.473297
PUBLIC-AE	RBNO3	Rubidium nitrate	NO3Rb		147.472702
PUBLIC-AE	RBOH	Rubidium hydroxide	HORb	1310-82-3	102.475166
PUBLIC-AE	RBOH.1H2O	Rubidium hydroxide monohydrate	H3O2Rb		120.490509
PUBLIC-AE	RBOH.2H2O	Rubidium hydroxide dihydrate	H5O3Rb		138.505844

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	RBSO4ION	Rubidium sulfate ion(-1)	O4RbS-1		181.531403
PUBLIC-AE	RBTAO3	Rubidium tantalate	O3RbTa		314.41391
PUBLIC-AE	REEL	Rhenium	Re	7440-15-5	186.207001
PUBLIC-AE	REO4ION	Rhenate(VII) ion(-1)	O4Re-1		250.204605
PUBLIC-AE	RETONON	Rotenone	C23H22O6	83-79-4	394.427032
PUBLIC-AE	RH2O3	Rhodium(III) oxide	O3Rh2		253.809204
PUBLIC-AE	RHACET2	Rhodium(II) acetate	C4H6O4Rh		220.995316
PUBLIC-AE	RHACET3ION	Rhodium(II) triacetate ion(-1)	C6H9O6Rh-1		280.040222
PUBLIC-AE	RHACETION	Rhodium(II) monoacetate ion(+1)	C2H3O2Rh+1		161.950409
PUBLIC-AE	RHEL	Rhodium	Rh	7440-16-6	102.905502
PUBLIC-AE	RHGLYCIN2	Rhodium(II) glycine	C4H8N2O4Rh		251.024658
PUBLIC-AE	RHGLYCINION	Rhodium(II) monoglycine ion(+1)	C2H4NO2Rh+1		176.965073
PUBLIC-AE	RHIICL2	Rhodium(II) chloride	Cl2Rh		173.811493
PUBLIC-AE	RHIICL3ION	Rhodium(II) trichloride ion(-1)	Cl3Rh-1		209.264496
PUBLIC-AE	RHIICL4ION	Rhodium(II) tetrachloride ion(-2)	Cl4Rh-2		244.717499
PUBLIC-AE	RHIICLION	Rhodium(II) monochloride ion(+1)	ClRh+1		138.358505
PUBLIC-AE	RHII2SO43	Rhodium(III) sulfate	O12Rh2S3		494.001801
PUBLIC-AE	RHIIICL2ION	Rhodium(III) dichloride ion(+1)	Cl2Rh+1		173.811493
PUBLIC-AE	RHIIICL3	Rhodium(III) chloride	Cl3Rh		209.264496
PUBLIC-AE	RHIIICL4ION	Rhodium(III) tetrachloride ion(-1)	Cl4Rh-1		244.717499
PUBLIC-AE	RHIIICLION	Rhodium(III) monochloride ion(+2)	ClRh+2		138.358505
PUBLIC-AE	RHIIION	Rhodium ion(+3)	Rh+3		102.905502
PUBLIC-AE	RHIIIOH2ION	Rhodium(III) dihydroxide ion(+1)	H2O2Rh+1		136.920242
PUBLIC-AE	RHIIIOH3	Rhodium(III) hydroxide	H3O3Rh		153.927612
PUBLIC-AE	RHIIIOHION	Rhodium(III) monohydroxide ion(+2)	HORh+2		119.912872
PUBLIC-AE	RHIIION	Rhodium(III) ion(+2)	Rh+2		102.905502
PUBLIC-AE	RHIIISO42ION	Rhodium(III) disulfate ion(-1)	O8RhS2-1		295.032715
PUBLIC-AE	RHIIISO43ION	Rhodium(III) trisulfate ion(-3)	O12RhS3-3		391.096313
PUBLIC-AE	RHIIISO4ION	Rhodium(III) monosulfate ion(+1)	O4RhS+1		198.969101
PUBLIC-AE	RHIIOH2	Rhodium(II) hydroxide	H2O2Rh		136.920242
PUBLIC-AE	RHIIOHION	Rhodium(II) monohydroxide ion(+1)	HORh+1		119.912872
PUBLIC-AE	RHIIISO4	Rhodium(II) sulfate	O4RhS		198.969101
PUBLIC-AE	RHIIISO42ION	Rhodium(II) disulfate ion(-2)	O8RhS2-2		295.032715
PUBLIC-AE	RHIIISO43ION	Rhodium(II) trisulfate ion(-4)	O12S3Rh-4		391.096313
PUBLIC-AE	RN	Radon	Rn	10043-92-2	222
PUBLIC-AE	RUACET2	Ruthenium(II) acetate	C4H6O4Ru		219.159821
PUBLIC-AE	RUACET3ION	Ruthenium(II) triacetate ion(-1)	C6H9O6Ru-1		278.204742
PUBLIC-AE	RUACETION	Ruthenium(II) monoacetate ion(+1)	C2H3O2Ru+1		160.114914
PUBLIC-AE	RUEL	Ruthenium	Ru	7440-18-8	101.07
PUBLIC-AE	RUGLYCIN2	Ruthenium(II) glycine	C4H8N2O4Ru		249.189163
PUBLIC-AE	RUGLYCINION	Ruthenium(II) monoglycine ion(+1)	C2H4NO2Ru+1		175.129578
PUBLIC-AE	RUIICL2	Ruthenium(II) chloride	Cl2Ru		171.975998
PUBLIC-AE	RUIICL3ION	Ruthenium(II) trichloride ion(-1)	Cl3Ru-1		207.429001
PUBLIC-AE	RUIICL4ION	Ruthenium(II) tetrachloride ion(-2)	Cl4Ru-2		242.882004
PUBLIC-AE	RUIICLION	Ruthenium(II) monochloride ion(+1)	ClRu+1		136.522995
PUBLIC-AE	RUII2SO43	Ruthenium(III) sulfate	O12Ru2S3		490.330811
PUBLIC-AE	RUIIICL2ION	Ruthenium(III) dichloride ion(+1)	Cl2Ru+1		171.975998
PUBLIC-AE	RUIIICL3	Ruthenium(III) chloride	Cl3Ru		207.429001
PUBLIC-AE	RUIIICL4ION	Ruthenium(III) tetrachloride ion(-1)	Cl4Ru-1		242.882004
PUBLIC-AE	RUIIICL5ION	Ruthenium(III) pentachloride ion(-2)	Cl5Ru-2		278.334991

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	RUIIICL6ION	Ruthenium(III) hexachloride ion(-3)	Cl6Ru-3		313.787994
PUBLIC-AE	RUIIICLION	Ruthenium(III) monochloride ion(+2)	ClRu+2		136.522995
PUBLIC-AE	RUIIIION	Ruthenium ion(+3)	Ru+3		101.07
PUBLIC-AE	RUIIIOH2ION	Ruthenium(III) dihydroxide ion(+1)	H2O2Ru+1		135.084747
PUBLIC-AE	RUIIIOH3	Ruthenium(III) hydroxide	H3O3Ru		152.092117
PUBLIC-AE	RUIIIOHION	Ruthenium(III) monohydroxide ion(+2)	HORu+2		118.07737
PUBLIC-AE	RUIIIION	Ruthenium ion(+2)	Ru+2		101.07
PUBLIC-AE	RUIIIISO42ION	Ruthenium(III) disulfate ion(-1)	O8RuS2-1		293.197205
PUBLIC-AE	RUIIIISO43ION	Ruthenium(III) trisulfate ion(-3)	O12RuS3-3		389.260803
PUBLIC-AE	RUIIIISO4ION	Ruthenium(III) monosulfate ion(+1)	O4RuS+1		197.133606
PUBLIC-AE	RUIIOH2	Ruthenium(II) hydroxide	H2O2Ru		135.084747
PUBLIC-AE	RUIIOHION	Ruthenium(II) monohydroxide ion(+1)	HORu+1		118.07737
PUBLIC-AE	RUIISO4	Ruthenium(II) sulfate	O4RuS		197.133606
PUBLIC-AE	RUIISO42ION	Ruthenium(II) disulfate ion(-2)	O8RuS2-2		293.197205
PUBLIC-AE	RUIISO43ION	Ruthenium(II) trisulfate ion(-4)	O12RuS3-4		389.260803
PUBLIC-AE	S2ION	Disulfide ion(-2)	S2-2		64.132004
PUBLIC-AE	S2O3ION	Thiosulfite(II) ion(-2)	O3S2-2		112.130203
PUBLIC-AE	S2O3KION	Potassium thiosulfate(II) ion(-1)	KO3S2-1		151.2285
PUBLIC-AE	S2O4ION	Thiosulfate(III) ion(-2)	O4S2-2		128.129593
PUBLIC-AE	S2O5ION	Orthosulfate(IV) ion(-2)	O5S2-2		144.128998
PUBLIC-AE	S2O6ION	Metasulfate(V) ion(-2)	O6S2-2		160.128403
PUBLIC-AE	S2O8ION	Parasulfate(VII) ion(-2)	O8S2-2		192.127197
PUBLIC-AE	S3ION	Trisulfide ion(-2)	S3-2		96.197998
PUBLIC-AE	S4ION	Tetrasulfide ion(-2)	S4-2		128.264008
PUBLIC-AE	S5ION	Pentasulfide ion(-2)	S5-2		160.330002
PUBLIC-AE	S5O6ION	Pentasulfate(II) ion(-2)	O6S5-2		256.326385
PUBLIC-AE	SAFROLE	5-Allyl-1,3-benzodioxole	C10H10O2	94-59-7	162.189499
PUBLIC-AE	SALICYLAC	Salicylic acid	C7H6O3	69-72-7	138.123718
PUBLIC-AE	SARCOSINE	Sarcosine	C3H7NO2	107-97-1	89.094589
PUBLIC-AE	SARCOSNION	Sarcosine ion(-1)	C3H6NO2-1		88.086617
PUBLIC-AE	SB2O3	Antimony(III) oxide	O3Sb2	1309-64-4	291.498199
PUBLIC-AE	SB2O5	Antimony(V) oxide	O5Sb2	1314-60-9	323.497009
PUBLIC-AE	SB2S3	Antimony(III) sulfide	S3Sb2	1345-04-6	339.697998
PUBLIC-AE	SB2SE3	Antimony(III) selenide	Sb2Se3	1315-05-5	480.380005
PUBLIC-AE	SB2SO43	Antimony(III) sulfate	O12S3Sb2	7446-32-4	531.690796
PUBLIC-AE	SBBR3	Antimony(III) bromide	Br3Sb	7789-61-9	361.462006
PUBLIC-AE	SBCL3	Antimony(III) chloride	Cl3Sb	10025-91-9	228.108994
PUBLIC-AE	SBEL	Antimony	Sb	7440-36-0	121.75
PUBLIC-AE	SBF3	Antimony(III) fluoride	SbF3	7783-56-4	178.745209
PUBLIC-AE	SBi3	Antimony(III) iodide	I3Sb	7790-44-5	502.464996
PUBLIC-AE	SBOH2ION	Antimony(III) dihydroxide ion(+1)	H2O2Sb+1		155.76474
PUBLIC-AE	SBOH3	Antimony(III) hydroxide	H3O3Sb		172.77211
PUBLIC-AE	SBOH4ION	Antimony(III) tetrahydroxide ion(-1)	H4O4Sb-1		189.77948
PUBLIC-AE	SBOH5	Antimony(V) hydroxide	H5O5Sb		206.78685
PUBLIC-AE	SBOH6ION	Antimony(V) hexahydroxide ion(-1)	H6O6Sb-1		223.79422
PUBLIC-AE	SBUCLPHOXA	2,4-Dichlorophenoxy-1-methyl propanoate	C10H10Cl2O2	94-79-1	233.095505
PUBLIC-AE	SBUTYLALCH	2-Butyl alcohol	C4H10O	78-92-2	74.123497
PUBLIC-AE	SBUTYLCL	2-Chlorobutane	C4H9Cl	78-86-4	92.56913
PUBLIC-AE	SBUTYLMCPT	2-Butanethiol	C4H10S	513-53-1	90.190102
PUBLIC-AE	SCEL	Scandium	Sc	7440-20-2	44.95591

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	SCION	Scandium ion(+3)	Sc+3		44.95591
PUBLIC-AE	SCNION	Thiocyanate ion(-1)	CNS-1		58.083801
PUBLIC-AE	SCO3H3	Scandium hydroxide	H3O3Sc		95.97802
PUBLIC-AE	SEBACATION	Sebacic acid ion(-2)	C10H16O4-2		200.236115
PUBLIC-AE	SEBACICAC	Sebacic acid	C10H18O4	111-20-6	202.25206
PUBLIC-AE	SECAMLAC	sec-Amyl acetate	C7H14O2	626-38-0	130.18808
PUBLIC-AE	SECBUAHION	Hydrogen 2-butanamine ion(+1)	C4H12N+1		74.146744
PUBLIC-AE	SECBUTACET	sec-Butyl acetate	C6H12O2	105-46-4	116.161041
PUBLIC-AE	SECBUTYAMN	2-Butanamine	C4H11N	13952-84-6	73.138771
PUBLIC-AE	SECBUTYBNZ	sec-Butylbenzene	C10H14	135-98-8	134.22258
PUBLIC-AE	SECNION	Selenocianate ion(-1)	CNSe-1		104.977798
PUBLIC-AE	SEEL	Selenium	Se	7782-49-2	78.959999
PUBLIC-AE	SEH2	Dihydrogen selenide	H2Se	7783-07-5	80.975937
PUBLIC-AE	SEION	Selenide ion(-2)	Se-2		78.959999
PUBLIC-AE	SEO2	Selenium dioxide	O2Se	7446-08-4	110.958801
PUBLIC-AE	SEO3ION	Selenite ion(-2)	O3Se-2		126.958199
PUBLIC-AE	SEO4ION	Selenate ion(-2)	O4Se-2		142.957596
PUBLIC-AE	SF6	Sulfur hexafluoride	F6S	2551-62-4	146.056412
PUBLIC-AE	SICL4	Silicon tetrachloride	Cl4Si	10026-04-7	169.897507
PUBLIC-AE	SIEL	Silicon	Si	7440-21-3	28.085501
PUBLIC-AE	SIF4	Tetrafluorosilane	F4Si	7783-61-1	104.079109
PUBLIC-AE	SIF6ION	Hexafluorosilicon ion(-2)	F6Si-2		142.075912
PUBLIC-AE	SILVEX	2-(2,4,5-Trichlorophenoxy)propanoic acid	C9H7Cl3O3	93-72-1	269.512878
PUBLIC-AE	SIO2	Silicon dioxide (amorphous)	O2Si		60.084301
PUBLIC-AE	SION	Sulfide ion(-2)	S-2		32.066002
PUBLIC-AE	SM2CO33	Samarium(III) carbonate	C3O9Sm2		480.747894
PUBLIC-AE	SM2MOO43	Samarium(III) molybdate(VI)	Sm2(MoO4)3		780.532776
PUBLIC-AE	SM2MOO43.2H2O	Samarium(III) molybdate(VI) dihydrate	H4Mo3O14Sm2		816.563477
PUBLIC-AE	SM2SO43	Samarium(III) sulfate	O12S3Sm2		588.910828
PUBLIC-AE	SM2SO43.8H2O	Samarium(III) sulfate octahydrate	H16O20S3Sm2		733.033508
PUBLIC-AE	SM2TRTRT3	Samarium(III) tartrate	C12H12O18Sm2		744.938049
PUBLIC-AE	SM2WO43	Samarium(III) tungstate	O12Sm2W3		1044.262817
PUBLIC-AE	SMACET2ION	Samarium(III) diacetate ion(+1)	C4H6O4Sm+1		268.449829
PUBLIC-AE	SMACET3	Samarium(III) acetate	C6H9O6Sm		327.49472
PUBLIC-AE	SMACETION	Samarium(III) monoacetate ion(+2)	C2H3O2Sm+2		209.404907
PUBLIC-AE	SMCL2ION	Samarium(III) dichloride ion(+1)	Cl2Sm+1		221.266006
PUBLIC-AE	SMCL3	Samarium(III) chloride	Cl3Sm	10361-82-7	256.718994
PUBLIC-AE	SMCL3.6H2O	Samarium(III) chloride hexahydrate	Cl3H12O6Sm		364.811035
PUBLIC-AE	SMCL4ION	Samarium(III) tetrachloride ion(-1)	Cl4Sm-1		292.171997
PUBLIC-AE	SMCLION	Samarium(III) monochloride ion(+2)	ClSm+2		185.813004
PUBLIC-AE	SMCO3ION	Samarium(III) carbonate ion(+1)	CO3Sm+1		210.369293
PUBLIC-AE	SMCTRT	Samarium(III) citrate	C6H5O7Sm		339.46225
PUBLIC-AE	SMDTPAION	Samarium(III) DTPA ion(-2)	C14H18N3O10Sm-2		538.672974
PUBLIC-AE	SMEDTAION	Samarium(III) EDTA ion(-1)	C10H12N2O8Sm-1		438.575226
PUBLIC-AE	SMEL	Samarium	Sm	7440-19-9	150.360001
PUBLIC-AE	SMF2ION	Samarium difluoride ion(+1)	F2Sm+1		188.356812
PUBLIC-AE	SMF3	Samarium(III) fluoride	F3Sm	13765-24-7	207.355209
PUBLIC-AE	SMF4ION	Samarium(III) tetrafluoride ion(-1)	F4Sm-1		226.353607
PUBLIC-AE	SMFION	Samarium(III) monofluoride ion(+2)	FSm+2		169.358398
PUBLIC-AE	SMH2DTPA	Samarium(III) dihydrogen DTPA	C14H20N3O10Sm		540.688904

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	SMH2PO4ION	Samarium(III) dihydrogen orthophosphate ion(+2)	H2O4PSm+2		247.347305
PUBLIC-AE	SMHCO3ION	Samarium(III) bicarbonate ion(+2)	CHO3Sm+2		211.377274
PUBLIC-AE	SMHDTPAION	Samarium hydrogen DTPA ion(-1)	C14H19N3O10Sm-1		539.680908
PUBLIC-AE	SMHEDTA	Samarium(III) hydrogen EDTA	C10H13N2O8Sm		439.583221
PUBLIC-AE	SMIIIIION	Samarium ion(+3)	Sm+3		150.360001
PUBLIC-AE	SMIIION	Samarium ion(+2)	Sm+2		150.360001
PUBLIC-AE	SMIIOH2	Samarium(II) hydroxide	H2O2Sm		184.374741
PUBLIC-AE	SMMOO43ION	Samarium(III) trimolybdate ion(-3)	Mo3O12Sm-3		630.172791
PUBLIC-AE	SMMOO4ION	Samarium(III) molybdate ion(+1)	MoO4Sm+1		310.297607
PUBLIC-AE	SMNO33	Samarium(III) nitrate	N3O9Sm		336.374695
PUBLIC-AE	SMNO33.6H2O	Samarium(III) nitrate hexahydrate	H12N3O15Sm		444.466736
PUBLIC-AE	SMNO3ION	Samarium(III) mononitrate ion(+2)	NO3Sm+2		212.364899
PUBLIC-AE	SMNTA	Samarium(III) NTA	C6H6NO6Sm		338.477509
PUBLIC-AE	SMNTA2ION	Samarium(III) di-NTA ion(-3)	C12H12N2O12Sm-3		526.595032
PUBLIC-AE	SMOH2ION	Samarium(III) dihydroxide ion(+1)	H2O2Sm+1		184.374741
PUBLIC-AE	SMOH3	Samarium(III) hydroxide	H3O3Sm		201.382111
PUBLIC-AE	SMOH4ION	Samarium(III) tetrahydroxide ion(-1)	H4O4Sm-1		218.389481
PUBLIC-AE	SMOHION	Samarium(III) monohydroxide ion(+2)	HOSm+2		167.367371
PUBLIC-AE	SMOHNTAION	Samarium(III) monohydroxide NTA ion(-1)	C6H7NO7Sm-1		355.484894
PUBLIC-AE	SMPO4	Samarium(III) orthophosphate	O4PSm		245.33136
PUBLIC-AE	SMPO4.2H2O	Samarium(III) phosphate dihydrate	H4O6PSm		281.36203
PUBLIC-AE	SMSEPUBO43	Samarium(III) selenate	O12Se3Sm2		729.592773
PUBLIC-AE	SMSEPUBO43.8H2O	Samarium(III) selenate octahydrate	H16O20Se3Sm2		873.715515
PUBLIC-AE	SMSO42ION	Samarium(III) disulfate ion(-1)	O8S2Sm-1		342.487213
PUBLIC-AE	SMSO4ION	Samarium(III) monosulfate ion(+1)	O4SSm+1		246.423599
PUBLIC-AE	SMTRTRTION	Samarium(III) tartrate ion(+1)	C4H4O6Sm+1		298.432678
PUBLIC-AE	SNBR2	Tin(II) bromide	Br2Sn		278.518005
PUBLIC-AE	SNBR3ION	Tin(II) tribromide ion(-1)	Br3Sn-1		358.421997
PUBLIC-AE	SNBRION	Tin(II) monobromide ion(+1)	BrSn+1		198.613998
PUBLIC-AE	SNCL2	Tin(II) chloride	Cl2Sn		189.615997
PUBLIC-AE	SNCL3ION	Tin(II) trichloride ion(-1)	Cl3Sn-1		225.069
PUBLIC-AE	SNCL4ION	Tin(II) tetrachloride ion(-2)	Cl4Sn-2		260.522003
PUBLIC-AE	SNCLION	Tin(II) monochloride(+1)	ClSn+1		154.162994
PUBLIC-AE	SNCN2	Tin(II) cyanide	C2N2Sn		170.745605
PUBLIC-AE	SNEL	Tin	Sn	7440-31-5	118.709999
PUBLIC-AE	SNF2	Tin(II) fluoride	F2Sn		156.706802
PUBLIC-AE	SNFION	Tin(II) monofluoride ion(+1)	FSn+1		137.708405
PUBLIC-AE	SNI2	Tin(II) iodide	I2Sn		372.519989
PUBLIC-AE	SNION	Tin ion(+2)	Sn+2		118.709999
PUBLIC-AE	SNIVBR4	Tin(IV) bromide	Br4Sn		438.325989
PUBLIC-AE	SNIVCL2ION	Tin(IV) dichloride ion(+2)	Cl2Sn+2		189.615997
PUBLIC-AE	SNIVCL3ION	Tin(IV) trichloride ion(+1)	Cl3Sn+1		225.069
PUBLIC-AE	SNIVCL4	Tin(IV) chloride	Cl4Sn		260.522003
PUBLIC-AE	SNIVCL5ION	Tin(IV) pentachloride ion(-1)	Cl5Sn-1		295.975006
PUBLIC-AE	SNIVCLION	Tin(IV) monochloride ion(+3)	ClSn+3		154.162994
PUBLIC-AE	SNIVI4	Tin(IV) iodide	I4Sn		626.330017
PUBLIC-AE	SNIVION	Tin ion(+4)	Sn+4		118.709999
PUBLIC-AE	SNIVOH2ION	Tin(IV) dihydroxide ion(+2)	H2O2Sn+2		152.724747
PUBLIC-AE	SNIVOH3ION	Tin(IV) trihydroxide ion(+1)	H3O3Sn+1		169.732117
PUBLIC-AE	SNIVOH4	Tin(IV) hydroxide	H4O4Sn		186.739487

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	SNIVOH5ION	Tin(IV) pentahydroxide ion(-1)	H5O5Sn-1		203.746857
PUBLIC-AE	SNIVOH6ION	Tin(IV) hexahydroxide ion(-2)	H6O6Sn-2		220.754227
PUBLIC-AE	SNIVOHION	Tin(IV) monohydroxide ion(+3)	HOSn+3		135.717377
PUBLIC-AE	SNMOO4	Tin(II) molybdate(VI)	MoO4Sn		278.647614
PUBLIC-AE	SNO	Tin(II) oxide	OSn	21651-19-4	134.709396
PUBLIC-AE	SNOH2	Tin(II) hydroxide	H2O2Sn		152.724747
PUBLIC-AE	SNOH3ION	Tin(II) trihydroxide ion(-1)	H3O3Sn-1		169.732117
PUBLIC-AE	SNOHION	Tin(II) monohydroxide ion(+1)	HOSn+1		135.717377
PUBLIC-AE	SNSCN2	Tin(II) thiocyanate	C2N2S2Sn		234.877594
PUBLIC-AE	SNSCN3ION	Tin(II) trithiocyanate ion(-1)	C3N3S3Sn-1		292.961395
PUBLIC-AE	SNSCNION	Tin(II) monothiocyanate ion(+1)	CNSSn+1		176.793793
PUBLIC-AE	SNTARTRT	Tin(II) tartrate	C4H4O6Sn		266.782684
PUBLIC-AE	SNWO4	Tin(II) tungstate(VI)	O4SnW		366.557587
PUBLIC-AE	SO2	Sulfur dioxide	O2S	7446-09-5	64.064796
PUBLIC-AE	SO3	Sulfur trioxide	O3S	7446-11-9	80.064201
PUBLIC-AE	SO3ION	Sulfite ion(-2)	O3S-2		80.064201
PUBLIC-AE	SO4ION	Sulfate ion(-2)	O4S-2		96.063599
PUBLIC-AE	SORBITOL	Sorbitol	C6H14O6	50-70-4	182.174576
PUBLIC-AE	SR3ASO42	Strontium arsenate	As2O8Sr3		540.698425
PUBLIC-AE	SR3PO42	Strontium orthophosphate	O8P2Sr3	7446-28-8	452.802734
PUBLIC-AE	SR5PO43OH	Strontium hydroxyapatite	HO13P3Sr5		740.021423
PUBLIC-AE	SR6H3PO45.2H2O	Hexastrontium phosphate dihydrate	H7O22P5Sr6		1039.631348
PUBLIC-AE	SRAC2	Strontium acetate	C4H6O4Sr		205.709824
PUBLIC-AE	SRAC2.0.5H2O	Strontium acetate hemihydrate	C4H7O4.5Sr		214.717484
PUBLIC-AE	SRAC2.4H2O	Strontium acetate tetrahydrate	C4H14O8Sr		277.771179
PUBLIC-AE	SRACETION	Strontium monoacetate ion(+1)	C2H3O2Sr+1		146.664917
PUBLIC-AE	SRALAN2	Strontium alanate	C6H12N2O4Sr		263.793243
PUBLIC-AE	SRALANION	Strontium monoalanate ion(+1)	C3H6NO2Sr+1		175.706619
PUBLIC-AE	SRBR2	Strontium bromide	Br2Sr	10476-81-0	247.427994
PUBLIC-AE	SRBR2.6H2O	Strontium bromide hexahydrate	Br2H12O6Sr		355.52005
PUBLIC-AE	SRC2O4	Strontium oxalate	C2O4Sr	814-95-9	175.639801
PUBLIC-AE	SRC2O4.1H2O	Strontium oxalate monohydrate	C2H2O5Sr		193.655136
PUBLIC-AE	SRL2	Strontium chloride	Cl2Sr	10476-85-4	158.526001
PUBLIC-AE	SRCL2.1H2O	Strontium chloride monohydrate	Cl2H2OSr	16894-53-4	176.541336
PUBLIC-AE	SRCL2.2H2O	Strontium chloride dihydrate	Cl2H4O2Sr	16056-95-4	194.556686
PUBLIC-AE	SRCL2.6H2O	Strontium chloride hexahydrate	Cl2H12O6Sr	10025-70-4	266.618042
PUBLIC-AE	SRCN2	Strontium cyanide	C2N2Sr		139.655594
PUBLIC-AE	SRCN2.4H2O	Strontium cyanide tetrahydrate	C2H8N2O4Sr		211.716965
PUBLIC-AE	SRCO3	Strontium carbonate	CO3Sr	1633-05-2	147.629303
PUBLIC-AE	SRCOOH2	Strontium formate	C2H2O4Sr		177.655746
PUBLIC-AE	SRCOOHION	Strontium monoformate ion(+1)	CHO2Sr+1		132.637863
PUBLIC-AE	SRCRO4	Strontium chromate	CrO4Sr	7789-06-2	203.613602
PUBLIC-AE	SRCTRITION	Strontium monocitrate ion(-1)	C6H5O7Sr-1		276.72226
PUBLIC-AE	SRDTPAION	Strontium DTPA ion(-3)	C14H18N3O10Sr-3		475.932953
PUBLIC-AE	SREDTAION	Strontium EDTA ion(-2)	C10H12N2O8Sr-2		375.835236
PUBLIC-AE	SREL	Strontium	Sr	7440-24-6	87.620003
PUBLIC-AE	SRF2	Strontium fluoride	F2Sr	7783-48-4	125.616806
PUBLIC-AE	SRFION	Strontium monofluoride(+1)	FSr+1		106.618401
PUBLIC-AE	SRGLYCIN2	Strontium diglycine	C4H8N2O4Sr		235.739166
PUBLIC-AE	SRGLYCINION	Strontium monoglycine ion(+1)	C2H4NO2Sr+1		161.679581

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	SRGLYCOL2	Strontium diglycolate	C4H6O6Sr		237.708618
PUBLIC-AE	SRGLYCOLION	Strontium monoglycolate ion(+1)	C2H3O3Sr+1		162.664307
PUBLIC-AE	SRH2EDTA	Strontium dihydrogen EDTA	C10H14N2O8Sr		377.851166
PUBLIC-AE	SRH2PO42	Strontium dihydrogen orthophosphate	H4O8P2Sr		281.594604
PUBLIC-AE	SRH3DTPA	Strontium trihydrogen DTPA	C14H21N3O10Sr		478.956879
PUBLIC-AE	SRHC2O42	Strontium hydrogen oxalate	C4H2O8Sr		265.675537
PUBLIC-AE	SRHC2O4ION	Strontium mono(hydrogen oxalate) ion(+1)	C2HO4Sr+1		176.647766
PUBLIC-AE	SRHCO32	Strontium bicarbonate	C2H2SrO6		209.654541
PUBLIC-AE	SRHCTRT	Strontium hydrogen citrate	C6H6O7Sr		277.730225
PUBLIC-AE	SRHDTPAION	Strontium hydrogen DTPA ion(-2)	C14H19N3O10Sr-2		476.940918
PUBLIC-AE	SRHEDTAION	Strontium hydrogen EDTA ion(-1)	C10H13N2O8Sr-1		376.843201
PUBLIC-AE	SRHNNTA	Strontium hydrogen NTA	C6H7NO6Sr		276.745483
PUBLIC-AE	SRHPO4	Strontium hydrogen orthophosphate	HO4PSr	13450-99-2	183.599335
PUBLIC-AE	SRHPO4A	Strontium hydrogen orthophosphate-alpha	HO4PSr	13450-99-2	183.599335
PUBLIC-AE	SRHS2	Strontium bisulfide	H2S2Sr		153.767944
PUBLIC-AE	SRHSO32	Strontium bisulfite	H2O6S2Sr		249.764343
PUBLIC-AE	SRHSO42	Strontium bisulfate	H2O8S2Sr		281.763153
PUBLIC-AE	SRHTARTRTION	Strontium hydrogen tartrate ion(+1)	C4H5O6Sr+1		236.700653
PUBLIC-AE	SRI2	Strontium iodide	I2Sr	10476-86-5	341.429993
PUBLIC-AE	SRI2.2H2O	Strontium iodide dihydrate	H4I2O2Sr		377.460693
PUBLIC-AE	SRI2.6H2O	Strontium iodide hexahydrate	H12I2O6Sr		449.522034
PUBLIC-AE	SRIION	Strontium ion(+2)	Sr+2		87.620003
PUBLIC-AE	SRMOO4	Strontium molybdate(VI)	MoO4Sr	13470-04-7	247.557602
PUBLIC-AE	SRNH2CO22	Strontium carbamate	C2H4N2O4Sr		207.685074
PUBLIC-AE	SRNO22	Strontium nitrite	N2O4Sr		179.630997
PUBLIC-AE	SRNO22.1H2O	Strontium nitrite monohydrate	H2N2O5Sr		197.646347
PUBLIC-AE	SRNO32	Strontium nitrate	N2O6Sr	10042-76-9	211.629807
PUBLIC-AE	SRNO32.4H2O	Strontium nitrate tetrahydrate	H8N2O10Sr		283.691162
PUBLIC-AE	SRNO3ION	Strontium mononitrate ion(+1)	NO3Sr+1		149.624893
PUBLIC-AE	SRNTAION	Strontium NTA ion(-1)	C6H6NO6Sr-1		275.737518
PUBLIC-AE	SROH2	Strontium hydroxide	H2O2Sr	18480-07-4	121.634743
PUBLIC-AE	SROH2.1H2O	Strontium hydroxide monohydrate	H4O3Sr		139.650085
PUBLIC-AE	SROH2.8H2O	Strontium hydroxide octahydrate	H18O10Sr		265.757446
PUBLIC-AE	SROHION	Strontium monohydroxide ion(+1)	HOSr+1		104.627373
PUBLIC-AE	SRPO4ION	Strontium orthophosphate ion(-1)	O4PSr-1		182.591354
PUBLIC-AE	SRS	Strontium sulfide	SSr	1314-96-1	119.685997
PUBLIC-AE	SRSEO4	Strontium selenate	O4SeSr	7446-21-1	230.577606
PUBLIC-AE	SRSO3	Strontium sulfite	O3SSr		167.684204
PUBLIC-AE	SRSO4	Strontium sulfate	O4SSr	7759-02-6	183.683594
PUBLIC-AE	SRTRTRT	Strontium tartrate	C4H4O6Sr		235.692673
PUBLIC-AE	SRWO4	Strontium tungstate(VI)	O4SrW		335.46759
PUBLIC-AE	STAUROLITE	Diiron nonaaluminum tetrasilicon tricosaoxide hydroxide	Al9Fe2O24HSi4		851.863403
PUBLIC-AE	STEARICACI	Stearic acid	C18H36O2	57-11-4	284.485535
PUBLIC-AE	STERATION	Stearic acid ion(-1)	C18H35O2-1		283.477539
PUBLIC-AE	STYRENE	Phenylethene	C8H8	100-42-5	104.152557
PUBLIC-AE	STYRENOX	Styrene oxide	C8H8O	96-09-3	120.151962
PUBLIC-AE	SUBERATION	Suberic acid ion(-2)	C8H12O4-2		172.182037
PUBLIC-AE	SUBERICAC	Suberic acid	C8H14O4	505-48-6	174.197983
PUBLIC-AE	SUCCINAMD	Succinamide	C4H8N2O2	110-14-5	116.120361
PUBLIC-AE	SUCCNATEION	Succinic acid ion(-2)	C4H4O4-2		116.073883

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	SUCROSEION	Sucrose ion(-8)	C12H14O11-8		334.23819
PUBLIC-AE	SULFUREL	Sulfur	S8	7704-34-9	256.528015
PUBLIC-AE	T13PNTDIEN	trans-1,3-Pentadiene	C5H8	2004-70-8	68.119263
PUBLIC-AE	T2HEXENE	trans-2-Hexene	C6H12	4050-45-7	84.162239
PUBLIC-AE	T2PENTEN	trans-2-Pentene	C5H10	646-04-8	70.135201
PUBLIC-AE	T3HEXENE	trans-3-Hexene	C6H12	13269-52-8	84.162239
PUBLIC-AE	TA2O5	Tantalum(V) oxide	O5Ta2	1314-61-0	441.892792
PUBLIC-AE	TABR5	Tantalum(V) bromide	Br5Ta		580.467896
PUBLIC-AE	TACETAC245	(2,4,5-Trichlorophenoxy)acetic acid	C8H5Cl3O3	93-76-5	255.485855
PUBLIC-AE	TACETPHEON	1-(2,4,6-Trimethylphenyl)ethanone	C11H14O	1667-01-2	162.233078
PUBLIC-AE	TACL5	Tantalum(V) chloride	Cl5Ta	7721-01-9	358.212891
PUBLIC-AE	TAEL	Tantalum	Ta	7440-25-7	180.947906
PUBLIC-AE	TAF5	Tantalum(V) fluoride	F5Ta	7783-71-3	275.939911
PUBLIC-AE	TAO3ION	Tantalate ion(-1)	O3Ta-1		228.946106
PUBLIC-AE	TARTRTION	Tartrate ion(-2)	C4H4O6-2		148.072678
PUBLIC-AE	TB2C2O43	Terbium(III) oxalate	C6O12Tb2		581.910217
PUBLIC-AE	TB2CO33	Terbium(III) carbonate	C3O9Tb2		497.878693
PUBLIC-AE	TB2O3	Terbium(III) oxide	O3Tb2	12036-41-8	365.848999
PUBLIC-AE	TB2SO43	Terbium(III) sulfate	O12S3Tb2		606.041626
PUBLIC-AE	TB2SO43.8H2O	Terbium(III) sulfate octahydrate	H16O20S3Tb2		750.164307
PUBLIC-AE	TB2TRTRT3	Terbium(III) tartrate	C12H12O18Tb2		762.068848
PUBLIC-AE	TBACET2ION	Terbium(III) diacetate ion(+1)	C4H6O4Tb+1		277.015228
PUBLIC-AE	TBACET3	Terbium(III) acetate	C6H9O6Tb		336.06012
PUBLIC-AE	TBACETION	Terbium(III) monoacetate ion(+2)	C2H3O2Tb+2		217.970306
PUBLIC-AE	TBC2O42ION	Terbium(III) dioxalate ion(-1)	C4O8Tb-1		334.964996
PUBLIC-AE	TBC2O4ION	Terbium(III) monooxalate ion(+1)	C2O4Tb+1		246.945206
PUBLIC-AE	TBCL2ION	Terbium(III) dichloride ion(+1)	Cl2Tb+1		229.831406
PUBLIC-AE	TBCL3	Terbium(III) chloride	Cl3Tb	10042-88-3	265.284393
PUBLIC-AE	TBCL3.6H2O	Terbium(III) chloride hexahydrate	Cl3H12O6Tb		373.376434
PUBLIC-AE	TBCL4ION	Terbium(III) tetrachloride ion(-1)	Cl4Tb-1		300.737396
PUBLIC-AE	TBCLION	Terbium(III) monochloride ion(+2)	ClTb+2		194.378403
PUBLIC-AE	TBCO3ION	Terbium(III) carbonate ion(+1)	CO3Tb+1		218.934692
PUBLIC-AE	TBCTRT	Terbium(III) citrate	C6H5O7Tb		348.027649
PUBLIC-AE	TBDTPAION	Terbium(III) DTPA ion(-2)	C14H18N3O10Tb-2		547.238342
PUBLIC-AE	TBEDTAION	Terbium(III) EDTA ion(-1)	C10H12N2O8Tb-1		447.140625
PUBLIC-AE	TBEL	Terbium	Tb	7440-27-9	158.9254
PUBLIC-AE	TBF2ION	Terbium difluoride ion(+1)	F2Tb+1		196.922211
PUBLIC-AE	TBF3	Terbium(III) fluoride	F3Tb		215.920609
PUBLIC-AE	TBF4ION	Terbium(III) tetrafluoride ion(-1)	F4Tb-1		234.919006
PUBLIC-AE	TBFION	Terbium(III) monofluoride ion(+2)	FTb+2		177.923798
PUBLIC-AE	TBH2DTPA	Terbium(III) dihydrogen DTPA	C14H20N3O10Tb		549.254272
PUBLIC-AE	TBH2PO4ION	Terbium dihydrogen orthophosphate ion(+2)	H2O4PTb+2		255.912704
PUBLIC-AE	TBHCO3ION	Terbium(III) bicarbonate ion(+2)	CHO3Tb+2		219.942673
PUBLIC-AE	TBHDTPAION	Terbium(III) hydrogen DTPA ion(-1)	C14H19N3O10Tb-1		548.246338
PUBLIC-AE	TBHEDTA	Terbium(III) hydrogen EDTA	C10H13N2O8Tb		448.148621
PUBLIC-AE	TBI3	Terbium(III) iodide	I3Tb		539.640381
PUBLIC-AE	TBIION	Terbium(III) monoiodide ion(+2)	ITb+2		285.830414
PUBLIC-AE	TBION	Terbium ion(+3)	Tb+3		158.9254
PUBLIC-AE	TBMOO4ION	Terbium(III) molybdate ion(+1)	MoO4Tb+1		318.863007
PUBLIC-AE	TBNO33	Terbium(III) nitrate	N3O9Tb		344.940094

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	TBNO3ION	Terbium(III) mononitrate ion(+2)	NO3Tb+2		220.930298
PUBLIC-AE	TBNTA	Terbium(III) NTA	C6H6NO6Tb		347.042908
PUBLIC-AE	TBNTA2ION	Terbium di-NTA ion(-3)	C12H12N2O12Tb-3		535.160461
PUBLIC-AE	TBOH2ION	Terbium(III) dihydroxide ion(+1)	H2O2Tb+1		192.94014
PUBLIC-AE	TBOH3	Terbium(III) hydroxide	H3O3Tb		209.94751
PUBLIC-AE	TBOH4ION	Terbium(III) tetrahydroxide ion(-1)	H4O4Tb-1		226.95488
PUBLIC-AE	TBOHION	Terbium(III) monohydroxide ion(+2)	HOTb+2		175.93277
PUBLIC-AE	TBOHNTAION	Terbium(III) hydroxide NTA ion(-1)	C6H7NO7Tb-1		364.050293
PUBLIC-AE	TBPO4	Terbium(III) orthophosphate	O4PTb		253.896759
PUBLIC-AE	TBPO4.2H2O	Terbium(III) orthophosphate dihydrate	H4O6PTb		289.927429
PUBLIC-AE	TBRE1122	1,1,2,2-Tetrabromoethane	C2H2Br4	79-27-6	345.654144
PUBLIC-AE	TBSO42ION	Terbium(III) disulfate ion(-1)	O8S2Tb-1		351.052612
PUBLIC-AE	TBSO4ION	Terbium(III) monosulfate ion(+1)	O4STb+1		254.988998
PUBLIC-AE	TBTRTRION	Terbium(III) monotartrate ion(+1)	C4H4O6Tb+1		306.998077
PUBLIC-AE	TBUTEN	trans-2-Butene	C4H8	624-64-6	56.108158
PUBLIC-AE	TBUTYLCL	tert-Butyl chloride	C4H9Cl	507-20-0	92.56913
PUBLIC-AE	TCDD2378	2,3,7,8-Tetrachlorodibenzo-p-dioxin	C12H4Cl4O2	1746-01-6	321.975891
PUBLIC-AE	TCDF2378	2,3,7,8-Tetrachlorodibenzofuran	C12H4Cl4O	51207-31-9	305.976471
PUBLIC-AE	TCCEL	Technetium	Tc		98.906258
PUBLIC-AE	TCIVO2	Technetium(IV) dioxide	O2Tc		130.90506
PUBLIC-AE	TCIVO2.2H2O	Technetium(IV) dioxide dihydrate	H4O4Tc		166.93573
PUBLIC-AE	TCIVOH2CO3	Technetium(IV) dihydroxide carbonate	CH2O5Tc		192.930298
PUBLIC-AE	TCIVOH3CO3ION	Technetium(IV) trihydroxide carbonate ion(-1)	CH3O6Tc-1		209.937668
PUBLIC-AE	TCIVOION	Oxytechnetium(IV) ion(+2)	OTc+2		114.905655
PUBLIC-AE	TCIVOOH2	Oxytechnetium(IV) dihydroxide	H2O3Tc		148.920395
PUBLIC-AE	TCIVOOH22	Oxytechnetium(IV) dihydroxide, dimer	H4O6Tc2		297.84079
PUBLIC-AE	TCIVOOH3ION	Oxytechnetium(IV) trihydroxide ion(-1)	H3O4Tc-1		165.927765
PUBLIC-AE	TCIVOOHION	Oxytechnetium(IV) monohydroxide ion(+1)	HO2Tc+1		131.913025
PUBLIC-AE	TCLBNZ124	1,2,4-Trichlorobenzene	C6H3Cl3	120-82-1	181.449509
PUBLIC-AE	TCLDFETH	1,1,1,2-Tetrachlorodifluoroethane	C2Cl4F2	76-11-9	203.831009
PUBLIC-AE	TCLETHLN	Trichloroethylene	C2HCl3	79-01-6	131.389175
PUBLIC-AE	TCLPRP123	1,2,3-Trichloropropane	C3H5Cl3	96-18-4	147.432144
PUBLIC-AE	TCLTFETH	1,1,2-Trichlorotrifluoroethane	C2Cl3F3	76-13-1	187.376404
PUBLIC-AE	TCROTAC	trans-Crotonic acid	C4H6O2	3724-65-0	86.091019
PUBLIC-AE	TCROTION	trans-Crotonic acid ion(-1)	C4H5O2-1		85.083054
PUBLIC-AE	TCVII2O7	Technetium heptoxide	O7Tc2		309.808319
PUBLIC-AE	TCVIIO4ION	Pertechnetate(VII) ion	O4Tc-1		162.903854
PUBLIC-AE	TDECATION	Tridecanoic acid ion(-1)	C13H25O2-1		213.342346
PUBLIC-AE	TDECNOICAC	Tridecanoic acid	C13H26O2	638-53-9	214.350327
PUBLIC-AE	TDECYLBZ	Tridecylbenzene	C19H32	123-02-4	260.465942
PUBLIC-AE	TEDEACION	n-Tetradecoic acid ion(-1)	C14H27O2-1		227.369385
PUBLIC-AE	TEDECANOL1	1-Tetradecanol	C14H30O	112-72-1	214.393906
PUBLIC-AE	TEDECAN2	2-Tetradecanone	C14H28O	2345-2-9	212.37796
PUBLIC-AE	TEEL	Tellurium	Te	13494-80-9	127.599998
PUBLIC-AE	TEG	2,2'-Ethylenedioxydiethanol	C6H14O4	112-27-6	150.175781
PUBLIC-AE	TEGLYDMETH	Dimethoxytetraglycol	C10H22O5	143-24-8	222.28334
PUBLIC-AE	TEION	Telluride ion(-2)	Te-2		127.599998
PUBLIC-AE	TEIV3ION	Tellurate(IV) ion(-2)	O3Te-2		175.598206
PUBLIC-AE	TEIVOH3ION	Tellurium(IV) trihydroxide ion(+1)	H3O3Te+1		178.622116
PUBLIC-AE	TELNGLYBU	Butoxytriethylene glycol	C10H22O4	143-22-6	206.283936

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	TEO2	Tellurium(IV) oxide	O2Te	7446-07-3	159.598801
PUBLIC-AE	TERPHTHAAC	Terephthalic acid	C8H6O4	100-21-0	166.134216
PUBLIC-AE	TERPINOLEN	Terpinolene	C10H16	586-62-9	136.238525
PUBLIC-AE	TETDECEN1	1-Tetradecene	C14H28	1120-36-1	196.378555
PUBLIC-AE	TETHAMHION	Hydrogen triethylamine ion(+1)	C6H16N+1		102.200821
PUBLIC-AE	TETMEDAMN	Tetramethylenediamine	C4H12N2	110-60-1	88.153442
PUBLIC-AE	TETRACONT	Tetracontane	C40H82	4181-95-7	563.097534
PUBLIC-AE	TETRTRIACT	n-Tetratricontane	C34H70	14167-59-0	478.935303
PUBLIC-AE	TEXH	Triethanolamine	C6H15NO3	102-71-6	149.191055
PUBLIC-AE	TEXH2ION	Hydrogen triethanolamine ion(+1)	C6H16NO3+1		150.19902
PUBLIC-AE	TGLYDMETH	2,5,8,11-Tetraoxadodecane	C8H18O4	112-49-2	178.229858
PUBLIC-AE	TH2OH2ION	Dithorium(IV) dihydroxide ion(+6)	H2O2Th2+6		498.090942
PUBLIC-AE	THBR4	Thorium(IV) bromide	Br4Th		551.654114
PUBLIC-AE	THBR4.10H2O	Thorium(IV) bromide decahydrate	Br4H20O10Th		731.807495
PUBLIC-AE	THBR4.12H2O	Thorium(IV) bromide dodecahydrate	Br4H24O12Th		767.838196
PUBLIC-AE	THBR4.7H2O	Thorium(IV) bromide heptahydrate	Br4H14O7Th		677.761475
PUBLIC-AE	THC2O42	Thorium(IV) oxalate	C4O8Th		408.077698
PUBLIC-AE	THC2O43ION	Thorium(IV) trioxalate ion(-2)	C6O12Th-2		496.097504
PUBLIC-AE	THC2O44ION	Thorium(IV) tetraoxalate ion(-4)	C8O16Th-4	584.11731	
PUBLIC-AE	THC2O4ION	Thorium(IV) monooxalate ion(+2)	C2O4Th+2		320.057892
PUBLIC-AE	THCL2ION	Thorium(IV) dichloride ion(+2)	Cl2Th+2		302.944092
PUBLIC-AE	THCL3ION	Thorium(IV) trichloride ion(+1)	Cl3Th+1		338.397095
PUBLIC-AE	THCL4	Thorium(IV) chloride	Cl4Th		373.850098
PUBLIC-AE	THCL4.2H2O	Thorium(IV) chloride dihydrate	Cl4H4O2Th		409.880768
PUBLIC-AE	THCL4.4H2O	Thorium(IV) chloride tetrahydrate	Cl4H8O4Th		445.911469
PUBLIC-AE	THCL4.7H2O	Thorium(IV) chloride heptahydrate	Cl4H14O7Th		499.957489
PUBLIC-AE	THCL4.8H2O	Thorium(IV) chloride octahydrate	Cl4H16O8Th		517.972839
PUBLIC-AE	THCLION	Thorium(IV) monochloride ion(+3)	ClTh+3		267.491089
PUBLIC-AE	THD10NAPHT	Trans-Decahydronaphthalene	C10H18	493-02-7	138.254456
PUBLIC-AE	THDTPAION	Thorium(IV) DTPA ion(-1)	C14H18N3O10Th-1		620.351074
PUBLIC-AE	THEDTA	Thorium(IV) EDTA	C10H12N2O8Th		520.253357
PUBLIC-AE	THEL	Thorium	Th	7440-29-1	232.038101
PUBLIC-AE	THEPTEN2	trans-2-Heptene	C7H14	14686-13-6	98.189278
PUBLIC-AE	THEPTEN3	trans-3-Heptene	C7H14	14686-14-7	98.189278
PUBLIC-AE	THEXACE245	2,4,5-Trichlorophenoxy-2-ethylhexylacetate	C16H21Cl3O3	1928-47-8	367.702179
PUBLIC-AE	THF2ION	Thorium(IV) difluoride ion(+2)	F2Th+2		270.034912
PUBLIC-AE	THF3ION	Thorium(IV) trifluoride ion(+1)	F3Th+1		289.033295
PUBLIC-AE	THF4	Thorium(IV) fluoride	F4Th		308.031708
PUBLIC-AE	THF4.2.5H2O	Thorium(IV) fluoride 2.5 hydrate	H5F4O2.5Th		353.070068
PUBLIC-AE	THFION	Thorium(IV) monofluoride ion(+3)	FTh+3		251.036499
PUBLIC-AE	THFURAN	Tetrahydrofuran	C4H8O	109-99-9	72.107559
PUBLIC-AE	THH2PO42ION	Thorium(IV) di(dihydrogen orthophosphate) ion(+2)	H4P2O8Th+2		426.012695
PUBLIC-AE	THH2PO4ION	Thorium(IV) dihydrogen orthophosphate ion(+3)	H2O4PTTh+3		329.025391
PUBLIC-AE	THHC2O4ION	Thorium(IV) bicarbonate ion(+3)	C2HO4Th+3		321.065857
PUBLIC-AE	THHDTPA	Thorium(IV) hydrogen DTPA	C14H19N3O10Th		621.359009
PUBLIC-AE	THHEDTAION	Thorium(IV) hydrogen EDTA ion(+1)	C10H13N2O8Th+1		521.261292
PUBLIC-AE	THHPO42	Thorium(IV) hydrogen orthophosphate	H2O8P2Th		423.996765
PUBLIC-AE	THHPO43ION	Thorium(IV) tri(hydrogen orthophosphate) ion(-2)	H3O12P3Th-2		519.976074
PUBLIC-AE	THHPO4ION	Thorium(IV) hydrogen orthophosphate ion(+2)	HO4PTTh+2		328.017426
PUBLIC-AE	THI4	Thorium(IV) iodide	I4Th	7790-49-0	739.658081

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	THION	Thorium ion(+4)	Th+4		232.038101
PUBLIC-AE	THIOPHENE	Thiophene	C4H4S	110-02-1	84.142281
PUBLIC-AE	THNO32ION	Thorium(IV) dinitrate ion(+2)	N2O6Th+2		356.047913
PUBLIC-AE	THNO33ION	Thorium(IV) trinitrate ion(+1)	N3O9Th+1		418.052795
PUBLIC-AE	THNO34	Thorium(IV) nitrate	N4O12Th	13823-29-5	480.057709
PUBLIC-AE	THNO34.4H2O	Thorium(IV) nitrate tetrahydrate	H8N4O16Th		552.11908
PUBLIC-AE	THNO34.5H2O	Thorium(IV) nitrate pentahydrate	H10N4O17Th		570.134399
PUBLIC-AE	THNO34.6H2O	Thorium(IV) nitrate hexahydrate	H12N4O18Th		588.149719
PUBLIC-AE	THNO3ION	Thorium(IV) mononitrate ion(+3)	NO3Th+3		294.042999
PUBLIC-AE	THNTAION	Thorium(IV) NTA ion(+1)	C6H6NO6Th+1		420.155609
PUBLIC-AE	THO2	Thorium dioxide	O2Th	1314-20-1	264.036896
PUBLIC-AE	THOH2ION	Thorium(IV) dihydroxide ion(+2)	H2O2Th+2		266.052826
PUBLIC-AE	THOH3ION	Thorium(IV) trihydroxide ion(+1)	H3O3Th+1		283.060211
PUBLIC-AE	THOH4	Thorium(IV) hydroxide	H4O4Th		300.067566
PUBLIC-AE	THOHION	Thorium(IV) monohydroxide ion(+3)	HOTh+3		249.045471
PUBLIC-AE	THOHNTA	Thorium(IV) hydroxide NTA	C6H7NO7Th		437.162994
PUBLIC-AE	THS2	Thorium(IV) sulfide	S2Th		296.170105
PUBLIC-AE	THSO42	Thorium(IV) sulfate	O8S2Th		424.165314
PUBLIC-AE	THSO43ION	Thorium(IV) trisulfate ion(-2)	O12S3Th-2		520.228882
PUBLIC-AE	THSO44ION	Thorium(IV) tetrasulfate ion(-4)	O16S4Th-4		616.29248
PUBLIC-AE	THSO4ION	Thorium(IV) monosulfate ion(+2)	O4STh+2		328.101715
PUBLIC-AE	Ti2O3	Titanium(III) oxide	O3Ti2		143.758194
PUBLIC-AE	TIEDTAION	Thorium(IV) EDTA ion(-1)	C10H12N2O8Ti-1		336.095245
PUBLIC-AE	TIEL	Titanium	Ti	7440-32-6	47.880001
PUBLIC-AE	TIHCO32ION	Titanium(III) dibicarbonate ion(+1)	C2H2O6Ti+1		169.914536
PUBLIC-AE	TIHCO33	Titanium(III) bicarbonate	C3H3O9Ti		230.931808
PUBLIC-AE	TIHCO3ION	Titanium(III) monobicarbonate ion(+2)	CHO3Ti+2		108.89727
PUBLIC-AE	TIHEDTA	Titanium(III) hydrogen EDTA	C10H13N2O8Ti		337.10321
PUBLIC-AE	TIHII2CO33	Titanium(III) carbonate	C3O9Ti2		275.787903
PUBLIC-AE	TIHII2SO43	Titanium(III) sulfate	O12S3Ti2		383.950806
PUBLIC-AE	TIHII2CL2ION	Titanium(III) dichloride ion(+1)	Cl2Ti+1		118.786003
PUBLIC-AE	TIHII2CL3	Titanium(III) chloride	Cl3Ti	7705-07-9	154.238998
PUBLIC-AE	TIHII2CL4ION	Titanium(III) tetrachloride ion(-1)	Cl4Ti-1		189.692001
PUBLIC-AE	TIHII2CLION	Titanium(III) monochloride ion(+2)	ClTi+2		83.333
PUBLIC-AE	TIHII2CO3ION	Titanium(III) carbonate ion(+1)	CO3Ti+1		107.889297
PUBLIC-AE	TIHII2F2ION	Titanium(III) difluoride ion(+1)	F2Ti+1		85.876808
PUBLIC-AE	TIHII2F3	Titanium(III) fluoride	F3Ti		104.875206
PUBLIC-AE	TIHII2F4ION	Titanium(III) tetrafluoride ion(-1)	F4Ti-1		123.873611
PUBLIC-AE	TIHII2FION	Titanium(III) monofluoride ion(+2)	FTi+2		66.878403
PUBLIC-AE	TIHIIION	Titanium ion(+3)	Ti+3		47.880001
PUBLIC-AE	TIHIIOH2ION	Titanium(III) dihydroxide ion(+1)	H2O2Ti+1		81.894737
PUBLIC-AE	TIHIIOH3	Titanium(III) hydroxide	H3O3Ti		98.902107
PUBLIC-AE	TIHIIOHION	Titanium(III) monohydroxide ion(+2)	HO2Ti+2		64.887367
PUBLIC-AE	TIHIIISO4ION	Titanium(III) sulfate ion(+1)	O4STi+1		143.943604
PUBLIC-AE	TIIVCL2ION	Titanium(IV) dichloride ion(+2)	Cl2Ti+2		118.786003
PUBLIC-AE	TIIVCL3ION	Titanium(IV) trichloride ion(+1)	Cl3Ti+1		154.238998
PUBLIC-AE	TIIVCL4	Titanium(IV) chloride	Cl4Ti	7550-45-0	189.692001
PUBLIC-AE	TIIVCLION	Titanium(IV) monochloride ion(+3)	ClTi+3		83.333
PUBLIC-AE	TIIVCO32	Titanium(IV) carbonate	C2O6Ti		167.898605
PUBLIC-AE	TIIVCO3ION	Titanium(IV) carbonate ion(+2)	CO3Ti+2		107.889297

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	TIIVF2ION	Titanium(IV) difluoride ion(+2)	F2Ti+2		85.876808
PUBLIC-AE	TIIVF3ION	Titanium(IV) trifluoride ion(+1)	F3Ti+1		104.875206
PUBLIC-AE	TIIVF4	Titanium(IV) fluoride	F4Ti	7783-63-3	123.873611
PUBLIC-AE	TIIVFION	Titanium(IV) monofluoride ion(+3)	FTi+3		66.878403
PUBLIC-AE	TIIVHCO34	Titanium(IV) bicarbonate	C4H4O12Ti		291.949066
PUBLIC-AE	TIIVHCO3ION	Titanium(IV) bicarbonate ion(+3)	CHO3Ti+3		108.89727
PUBLIC-AE	TIIVION	Titanium ion(+4)	Ti+4		47.880001
PUBLIC-AE	TIIVOH2ION	Titanium(IV) dihydroxide ion(+2)	H2O2Ti+2		81.894737
PUBLIC-AE	TIIVOH3ION	Titanium(IV) trihydroxide ion(+1)	H3O3Ti+1		98.902107
PUBLIC-AE	TIIVOH4	Titanium(IV) hydroxide	H4O4Ti		115.909477
PUBLIC-AE	TIIVOHION	Titanium(IV) monohydroxide ion(+3)	HOTi+3		64.887367
PUBLIC-AE	TIIVSO42	Titanium(IV) sulfate	O8S2Ti		240.007202
PUBLIC-AE	TIIVSO4ION	Titanium(IV) sulfate ion(+2)	O4STi+2		143.943604
PUBLIC-AE	TIOCACE245	(2,4,5-Trichlorophenoxy)-(2,4,4-trimethylpentyl)acetate	C16H21Cl3O3	25168-15-4	367.702179
PUBLIC-AE	TIOST	Titanyl(IV) sulfate	O5STi		159.942993
PUBLIC-AE	TIOST.2H2O	Titanyl(IV) sulfate dihydrate	H4O7STi		195.973679
PUBLIC-AE	TLEL	Thallium	Tl	7440-28-0	204.382996
PUBLIC-AE	TLIIION	Thallium ion(+3)	Tl+3		204.382996
PUBLIC-AE	TLIIOH3	Thallium(III) hydroxide	H3O3Tl		255.405106
PUBLIC-AE	TLION	Thallium ion(+1)	Tl+1		204.382996
PUBLIC-AE	TLOH	Thallium(I) hydroxide	HOTl		221.390366
PUBLIC-AE	TM2C2O43	Thulium(III) oxalate	C6O12Tm2		601.927795
PUBLIC-AE	TM2CO33	Thulium(III) carbonate	C3O9Tm2		517.896301
PUBLIC-AE	TM2O3	Thulium(III) oxide	O3Tm2	12036-44-1	385.866608
PUBLIC-AE	TM2SO43	Thulium(III) sulfate	O12S3Tm2		626.059204
PUBLIC-AE	TM2TRTRT3	Thulium(III) tartrate	C12H12O18Tm2		782.086426
PUBLIC-AE	TMACET2ION	Thulium(III) diacetate ion(+1)	C4H6O4Tm+1		287.024017
PUBLIC-AE	TMACET3	Thulium(III) acetate	C6H9O6Tm		346.068939
PUBLIC-AE	TMACETION	Thulium(III) monoacetate ion(+2)	C2H3O2Tm+2		227.979111
PUBLIC-AE	TMC2O42ION	Thulium(III) dioxalate ion(-1)	C4O8Tm-1		344.973785
PUBLIC-AE	TMC2O4ION	Thulium(III) monooxalate ion(+1)	C2O4Tm+1		256.95401
PUBLIC-AE	TMCL2ION	Thulium(III) dichloride ion(+1)	Cl2Tm+1		239.840195
PUBLIC-AE	TMCL3	Thulium(III) chloride	Cl3Tm	13537-18-3	275.293213
PUBLIC-AE	TMCL4ION	Thulium(III) tetrachloride ion(-1)	Cl4Tm-1		310.746185
PUBLIC-AE	TMCLION	Thulium(III) monochloride ion(+2)	ClTm+2		204.387207
PUBLIC-AE	TMCO3ION	Thulium(III) carbonate ion(+1)	CO3Tm+1		228.943497
PUBLIC-AE	TMCTRT	Thulium(III) citrate	C6H5O7Tm		358.036438
PUBLIC-AE	TMDTPAION	Thulium(III) DTPA ion(-2)	C14H18N3O10Tm-2		557.247131
PUBLIC-AE	TMEBNAL345	3,4,5-Trimethoxybenzaldehyde	C10H12O4	86-81-7	196.204239
PUBLIC-AE	TMEBNZ123	1,2,3-Trimethylbenzene	C9H12	526-73-8	120.195541
PUBLIC-AE	TMEBNZ1234	1,2,3,4-Tetramethylbenzene	C10H14	488-23-3	134.22258
PUBLIC-AE	TMEBNZ1235	1,2,3,5-Tetramethylbenzene	C10H14	527-53-7	134.22258
PUBLIC-AE	TMEBNZ124	1,2,4-Trimethylbenzene	C9H12	95-63-6	120.195541
PUBLIC-AE	TMEBNZ1245	1,2,4,5-Tetramethylbenzene	C10H14	95-93-2	134.22258
PUBLIC-AE	TMECHEXN12	trans-1,2-Dimethylcyclohexane	C8H16	6876-23-9	112.216316
PUBLIC-AE	TMECHEXN13	trans-1,3-Dimethylcyclohexane	C8H16	2207-03-6	112.216316
PUBLIC-AE	TMECHEXN14	trans-1,4-Dimethylcyclohexane	C8H16	2207-04-7	112.216316
PUBLIC-AE	TMECHXOL2	trans-2-Methylcyclohexanol	C7H14O	7443-52-9	114.188683
PUBLIC-AE	TMECHXOL3	trans-3-Methylcyclohexanol	C7H14O	7443-55-2	114.188683
PUBLIC-AE	TMECHXOL4	trans-4-Methylcyclohexanol	C7H14O	7731-29-5	114.188683

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	TMECPENT12	trans-1,2-Dimethylcyclopentane	C7H14	822-50-4	98.189278
PUBLIC-AE	TMECPENT13	trans-1,3-Dimethylcyclopentane	C7H14	1759-58-6	98.189278
PUBLIC-AE	TMEDTAION	Thulium(III) EDTA ion(-1)	C10H12N2O8Tm-1		457.149445
PUBLIC-AE	TMEL	Thulium	Tm	7440-30-4	168.934204
PUBLIC-AE	TMEPROACET	2-(2,4,5-Trichlorophenoxy)-1-methylpropyl acetate	C12H13Cl3O3	61792-07-2	311.594025
PUBLIC-AE	TMEPROPAN	Trimethylolpropane	C6H14O3	77-99-6	134.176376
PUBLIC-AE	TMF2ION	Thulium difluoride ion(+1)	F2Tm+1		206.931
PUBLIC-AE	TMF3	Thulium(III) fluoride	F3Tm		225.929413
PUBLIC-AE	TMF4ION	Thulium(III) tetrafluoride ion(-1)	F4Tm-1		244.927811
PUBLIC-AE	TMFION	Thulium(III) monofluoride ion(+2)	FTm+2		187.932602
PUBLIC-AE	TMH2DTPA	Thulium(III) dihydrogen DTPA	C14H20N3O10Tm		559.263123
PUBLIC-AE	TMH2PO4ION	Thulium(III) dihydrogen orthophosphate ion(+2)	H2PO4Tm+2		265.921509
PUBLIC-AE	TMHCO3ION	Thulium bicarbonate ion(+2)	CHO3Tm+2		229.951477
PUBLIC-AE	TMHDTPAION	Thulium(III) hydrogen DTPA ion(-1)	C14H19N3O10Tm-1		558.255127
PUBLIC-AE	TMHEDTA	Thulium(III) hydrogen EDTA	C10H13N2O8Tm		458.15741
PUBLIC-AE	TMION	Thulium ion(+3)	Tm+3		168.934204
PUBLIC-AE	TMNO33	Thulium(III) nitrate	N3O9Tm		354.948914
PUBLIC-AE	TMNO3ION	Thulium(III) nitrate ion(+2)	NO3Tm+2		230.939102
PUBLIC-AE	TMNTA	Thulium(III) NTA	C6H6NO6Tm		357.051727
PUBLIC-AE	TMNTA2ION	Thulium(III) di-NTA ion(-3)	C12H12N2O12Tm-3		545.16925
PUBLIC-AE	TMOH2ION	Thulium(III) dihydroxide ion(+1)	H2O2Tm+1		202.948944
PUBLIC-AE	TMOH3	Thulium(III) hydroxide	H3O3Tm		219.956314
PUBLIC-AE	TMOH4ION	Thulium(III) tetrahydroxide ion(-1)	H4O4Tm-1		236.963684
PUBLIC-AE	TMOHION	Thulium(III) hydroxide ion(+2)	HO2Tm+2		185.941574
PUBLIC-AE	TMOHNTAION	Thulium(III) hydroxide NTA ion(-1)	C6H7NO7Tm-1		374.059082
PUBLIC-AE	TMOXBNZ123	1,2,3-Trimethoxybenzene	C9H12O3	634-36-6	168.193741
PUBLIC-AE	TMPENN2244	2,2,4,4-Tetramethyl-3-pentanone	C9H18O	815-24-7	142.242767
PUBLIC-AE	TMPHENL235	2,3,5-Trimethylphenol	C9H12O	697-82-5	136.194946
PUBLIC-AE	TMPHENL245	2,4,5-Trimethylphenol	C9H12O	496-78-6	136.194946
PUBLIC-AE	TMPHNOL246	2,4,6-Trimethylphenol	C9H12O	527-60-6	136.194946
PUBLIC-AE	TMPHNOL345	3,4,5-Trimethylphenol	C9H12O	527-54-8	136.194946
PUBLIC-AE	TMPO4	Thulium(III) orthophosphate	O4PTm		263.905548
PUBLIC-AE	TMPO4.2H2O	Thulium(III) orthophosphate dihydrate	H4O6PTm		299.936249
PUBLIC-AE	TMSO42ION	Thulium(III) disulfate ion(-1)	O8S2Tm-1		361.061401
PUBLIC-AE	TMSO4ION	Thulium(III) monosulfate ion(-1)	O4STm+1		264.997803
PUBLIC-AE	TMTRTRTION	Thulium(III) tartrate ion(+1)	C4H4O6Tm+1		317.006866
PUBLIC-AE	TOCTEN2	trans-2-Octene	C8H16	13389-42-9	112.216316
PUBLIC-AE	TOCTEN3	trans-3-Octene	C8H16	14919-01-8	112.216316
PUBLIC-AE	TOLUCACIDO	o-Toluic acid	C8H8O2	118-90-1	136.151367
PUBLIC-AE	TOLUENE	Toluene	C7H8	108-88-3	92.141457
PUBLIC-AE	TP245ESTER	Isooctyl 2-(2,4,5-trichlorophenoxy)propionate	C9H7Cl3O3	32534-95-5	269.512878
PUBLIC-AE	TPHEBU2EN2	trans-2-Phenyl-2-butene	C10H12	767-99-7	132.206635
PUBLIC-AE	TPHEETHLN	Triphenylethylene	C20H16	58-72-0	256.349518
PUBLIC-AE	TPHEETHLN	Tetraphenylethylene	C26H20	632-51-9	332.447998
PUBLIC-AE	TPHENYLEN	Triphenylene	C18H12	217-59-4	228.295441
PUBLIC-AE	TPHTHTION	Terephthalic acid ion(-2)	C8H4O4-2		164.118286
PUBLIC-AE	TPROAMN	Tripropylamine	C9H21N	102-69-2	143.273972
PUBLIC-AE	TPROGLIME	Tripropylene glycol monomethyl ether	C10H22O4	20324-33-8	206.283936
PUBLIC-AE	TPROYLBNZ1	trans-1-Propenylbenzene	C9H10	873-66-5	118.179604
PUBLIC-AE	TRDICLEE12	trans-1,2-Dichloroethylene	C2H2Cl2	156-60-5	96.944138

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	TRIBUTPHOS	Tri-n-butylphosphate	C12H27O4P	126-73-8	266.319763
PUBLIC-AE	TRICLFLME	Fluorotrichloromethane	CCl3F	75-69-4	137.3685
PUBLIC-AE	TRICLNITME	Trichloronitromethane	CCl3NO2	76-06-2	164.375595
PUBLIC-AE	TRICONTAN	Tricontane	C30H62	638-68-6	422.827148
PUBLIC-AE	TRICOSAN	Tricosane	C23H48	638-67-5	324.637848
PUBLIC-AE	TRIDECANAL	Tridecanal	C13H26O	10486-19-8	198.350922
PUBLIC-AE	TRIDECANL1	1-Tridecanol	C13H28O	112-70-9	200.366867
PUBLIC-AE	TRIDECANN2	2-Tridecanone	C30H60O	593-08-8	436.810608
PUBLIC-AE	TRIEAMINE	Triethylamine	C6H15N	121-44-8	101.192848
PUBLIC-AE	TRIMEAHION	Trimethylamine ion(+1)	C3H10N+1		60.119701
PUBLIC-AE	TRIMEAMINE	Trimethylamine	C3H9N	75-50-3	59.111729
PUBLIC-AE	TRONA	Sodium bicarbonate carbonate dihydrate	C2H5Na3O8		226.027161
PUBLIC-AE	TSTILBEN	trans-Stilbene	C14H12	103-30-0	180.251038
PUBLIC-AE	TT24HXDIEN	trans,trans-2,4-Hexadiene	C6H10	5194-51-4	82.146301
PUBLIC-AE	TTACONT	n-Tritriacontane	C33H68	630-05-7	464.908264
PUBLIC-AE	TTAMYLACET	2,3-Dimethylpropylacetate	C7H14O2	625-16-1	130.18808
PUBLIC-AE	TTBUALCHOL	tert-Butyl alcohol	C4H10O	75-65-0	74.123497
PUBLIC-AE	TTBUBNZAC	4-tert-Butylbenzoic acid	C11H14O2	98-73-7	178.232483
PUBLIC-AE	TTBUBNZQI	2,6-Di-tert-butylbenzoquinone	C14H20O2	719-22-2	220.313599
PUBLIC-AE	TTBUTACETT	tert-Butyl acetate	C6H12O2	540-88-5	116.161041
PUBLIC-AE	TTBUTETETH	tert-Butyl ethyl ether	C6H14O	637-92-3	102.177582
PUBLIC-AE	TTBUTYLBENZ	tert-Butylbenzene	C10H14	98-06-6	134.22258
PUBLIC-AE	TTCOSAN	n-Tetracosane	C24H50	646-31-1	338.664886
PUBLIC-AE	TTDCRESL26	2,6-Di-tert-Butyl-p-cresol	C15H24O	128-37-0	220.357178
PUBLIC-AE	TPENTYETH	Butane, 2-methoxy-2-methyl-	C6H14O	994-05-8	102.177582
PUBLIC-AE	UBR2CL	Uranium(III) dibromide chloride	Br2ClU		433.287903
PUBLIC-AE	UBR2CL2	Uranium(IV) dibromide dichloride	Br2Cl2U		468.740906
PUBLIC-AE	UBR2I2	Uranium(IV) dibromide diiodide	Br2I2U		651.644897
PUBLIC-AE	UBR3CL	Uranium(IV) tribromide chloride	Br3ClU		513.191895
PUBLIC-AE	UBR3I	Uranium(IV) tribromide iodide	Br3IU		604.643921
PUBLIC-AE	UBRCL2	Uranium(III) bromide dichloride	BrCl2U		388.836914
PUBLIC-AE	UBRCL3	Uranium(IV) bromide trichloride	BrCl3U		424.289886
PUBLIC-AE	UBRI3	Uranium(IV) bromide triiodide	BrI3U		698.645874
PUBLIC-AE	UCL2F2	Uranium(IV) dichloride difluoride	Cl2F2U		346.929718
PUBLIC-AE	UCL2I2	Uranium(IV) dichloride diiodide	Cl2I2U		562.74292
PUBLIC-AE	UCL3F	Uranium(IV) trichloride fluoride	Cl3FU		363.384308
PUBLIC-AE	UCL3I	Uranium(IV) trichloride iodide	Cl3IU		471.290894
PUBLIC-AE	UCL6	Uranium(VI) chloride	Cl6U		450.744904
PUBLIC-AE	UCLF3	Uranium(IV) chloride trifluoride	ClF3U		330.475098
PUBLIC-AE	UCLI3	Uranium(IV) chloride triiodide	ClI3U		654.194885
PUBLIC-AE	UCOOH2ION	Uranium(III) diformate ion(+1)	C2H2O4U+1		328.062653
PUBLIC-AE	UCOOH3	Uranium(III) formate	C3H3O6U		373.080505
PUBLIC-AE	UCOOHION	Uranium(III) monoformate ion(+2)	CHO2U+2		283.044769
PUBLIC-AE	UEL	Uranium	U	7440-61-1	238.026901
PUBLIC-AE	UIIIAC2ION	Uranium(III) diacetate ion(+1)	C4H6O4U+1		356.11673
PUBLIC-AE	UIIIAC3	Uranium(III) acetate	C6H9O6U		415.161621
PUBLIC-AE	UIIIACION	Uranium(III) monoacetate ion(+1)	C2H3O2U+2		297.071808
PUBLIC-AE	UIIIBR3	Uranium(III) bromide	Br3U		477.738892
PUBLIC-AE	UIIICL3	Uranium(III) chloride	Cl3U	10025-93-1	344.385895
PUBLIC-AE	UIIIF3	Uranium(III) fluoride	F3U		295.022095

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	UIIIION	Uranium ion(+3)	U+3		238.026901
PUBLIC-AE	UIIIOH3	Uranium(III) hydroxide	H3O3U		289.049011
PUBLIC-AE	UIOD3	Uranium(III) iodide	I3U		618.741882
PUBLIC-AE	UIV3PO44	Uranium(IV) orthophosphate	O16P4U3		1093.966187
PUBLIC-AE	UIVBR4	Uranium(IV) bromide	Br4U		557.642883
PUBLIC-AE	UIVCL4	Uranium(IV) chloride	Cl4U	10026-10-5	379.838898
PUBLIC-AE	UIVCLION	Uranium(IV) monochloride ion(+3)	ClU+3		273.479889
PUBLIC-AE	UIVCO32	Uranium(IV) carbonate	C2O6U		358.045502
PUBLIC-AE	UIVEDTA	Uranium(IV) EDTA	C10H12N2O8U		526.242126
PUBLIC-AE	UIVF2ION	Uranium(IV) difluoride ion(+2)	F2U+2		276.023712
PUBLIC-AE	UIVF3ION	Uranium(IV) trifluoride ion(+1)	F3U+1		295.022095
PUBLIC-AE	UIVF4	Uranium(IV) fluoride	F4U	10049-14-6	314.020508
PUBLIC-AE	UIVF4.2.5H2O	Uranium(IV) fluoride 2.5 hydrate	F4H5O2.5U		359.058868
PUBLIC-AE	UIVFION	Uranium(IV) monofluoride ion(+3)	FU+3		257.025299
PUBLIC-AE	UIVHPO42	Uranium(IV) hydrogen orthophosphate	H2O8P2U		429.985565
PUBLIC-AE	UIVHPO42.4H2O	Uranium(IV) hydrogen orthophosphate tetrahydrate	H10O12P2U		502.046906
PUBLIC-AE	UIVI4	Uranium(IV) iodide	I4U		745.646912
PUBLIC-AE	UIVION	Uranium ion(+4)	U+4		238.026901
PUBLIC-AE	UIVO2	Uranium(IV) oxide	O2U	1344-57-6	270.025696
PUBLIC-AE	UIVOH2ION	Uranium(IV) dihydroxide ion(+2)	H2O2U+2		272.041626
PUBLIC-AE	UIVOH3ION	Uranium(IV) trihydroxide ion(+1)	H3O3U+1		289.049011
PUBLIC-AE	UIVOH4	Uranium(IV) hydroxide	H4O4U		306.056366
PUBLIC-AE	UIVOH5ION	Uranium(IV) pentahydroxide ion(-1)	H5O5U-1		323.063751
PUBLIC-AE	UIVOHION	Uranium(IV) monohydroxide ion(+3)	HOU+3		255.034271
PUBLIC-AE	UIVSO32	Uranium(IV) sulfite	O6S2U		398.155304
PUBLIC-AE	UIVSO42	Uranium(IV) sulfate	O8S2U		430.154114
PUBLIC-AE	UIVSO4ION	Uranium(IV) sulfate ion(+2)	O4SU+2		334.090515
PUBLIC-AE	UNDECACID	Undecanoic acid	C11H22O2	112-37-8	186.296234
PUBLIC-AE	UNDECANAL1	Undecanal	C11H22O	112-44-7	170.296844
PUBLIC-AE	UNDECBNZ	1-Phenylundecane	C17H28	6742-54-7	232.411865
PUBLIC-AE	UNDECEN1	1-Undecene	C11H22	821-95-4	154.29744
PUBLIC-AE	UNDECION	Undecanoic acid ion(-1)	C11H21O2-1		185.288269
PUBLIC-AE	UNDECNOL1	n-Undecanol	C11H24O	112-42-5	172.312775
PUBLIC-AE	UO22CL3	Uranyl(VI) uranyl(V) chloride	Cl3O4U2		646.4104
PUBLIC-AE	UO22CTRT2ION	Diuranyl(VI) ditartrate ion(-2)	C12H10O18U2-2		918.25592
PUBLIC-AE	UO22EDTA	Diuranyl(VI) EDTA	C10H12N2O12U2		828.266663
PUBLIC-AE	UO22OH2ION	Diuranyl(VI) dihydroxide ion(+2)	H2O6U2+2		574.066162
PUBLIC-AE	UO22P2O7	Uranyl(VI) pyrophosphate	O11P2U2		713.99469
PUBLIC-AE	UO23ASO42	Uranyl(VI) arsenate	As2O14U3		1087.915527
PUBLIC-AE	UO23OH5ION	Triuranyl(VI) pentahydroxide ion(+1)	H5O11U3+1		895.113953
PUBLIC-AE	UO23PO42	Uranyl(VI) orthophosphate	O14P2U3	18433-48-2	1000.019836
PUBLIC-AE	UO23PO42.4H2O	Uranyl(VI) orthophosphate tetrahydrate	H8O18P2U3		1072.081177
PUBLIC-AE	UO2AC2	Uranyl(VI) acetate	C4H6O6U		388.115509
PUBLIC-AE	UO2AC3ION	Uranyl(VI) triacetate ion(-1)	C6H9O8U-1		447.160431
PUBLIC-AE	UO2ACION	Uranyl(VI) monoacetate ion(+1)	C2H3O4U+1		329.070618
PUBLIC-AE	UO2BR2	Uranyl(VI) bromide	Br2O2U		429.83371
PUBLIC-AE	UO2BR2.1H2O	Uranyl(VI) bromide monohydrate	Br2H2O3U		447.84903
PUBLIC-AE	UO2BR2.3H2O	Uranyl(VI) bromide trihydrate	Br2H6O5U		483.87973
PUBLIC-AE	UO2C2O4	Uranyl(VI) oxalate	C2O6U		358.045502
PUBLIC-AE	UO2C2O4.3H2O	Uranyl(VI) oxalate trihydrate	C2H6O9U		412.091522

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	UO2C2O42ION	Uranyl(VI) dioxalate ion(-2)	C4O10U-2		446.065308
PUBLIC-AE	UO2C2O43ION	Uranyl(VI) trioxalate ion(-4)	C6O14U-4		534.085083
PUBLIC-AE	UO2CL2	Uranyl(VI) chloride	Cl2O2U	1344-57-6	340.931702
PUBLIC-AE	UO2CL2.3H2O	Uranyl(VI) chloride trihydrate	Cl2H6O5U		394.977722
PUBLIC-AE	UO2CL2.H2O	Uranyl(VI) chloride monohydrate	Cl2H2O3U		358.947052
PUBLIC-AE	UO2CLION	Uranyl(VI) monochloride ion(+1)	ClO2U+1		305.478699
PUBLIC-AE	UO2CO3	Uranyl(VI) carbonate	CO5U		330.035004
PUBLIC-AE	UO2CO32ION	Uranyl(VI) dicarbonate ion(-2)	C2O8U-2		390.044312
PUBLIC-AE	UO2CO33ION	Uranyl(VI) tricarbonate ion(-4)	C3O11U-4		450.053589
PUBLIC-AE	UO2CTRITION	Uranyl(VI) monocitrate ion(-1)	C6H5O9U-1		459.12796
PUBLIC-AE	UO2F2	Uranyl(VI) fluoride	F2O2U		308.022491
PUBLIC-AE	UO2F2.3H2O	Uranyl(VI) fluoride trihydrate	F2H6O5U		362.068512
PUBLIC-AE	UO2F3ION	Uranyl(VI) trifluoride ion(-1)	F3O2U-1		327.020905
PUBLIC-AE	UO2F4ION	Uranyl(VI) tetrafluoride ion(-2)	F4O2U-2		346.019318
PUBLIC-AE	UO2FION	Uranyl(VI) monofluoride ion(+1)	FO2U+1		289.024109
PUBLIC-AE	UO2HCTR	Uranyl(VI) hydrogen citrate	C6H6O9U		460.135925
PUBLIC-AE	UO2HEDTAION	Uranyl(VI) hydrogen EDTA ion(-1)	C10H13N2O10U-1		559.248901
PUBLIC-AE	UO2HNTA	Uranyl(VI) hydrogen NTA	C6H7NO8U		459.151184
PUBLIC-AE	UO2IO32	Uranyl(VI) iodate	I2O8U		619.832092
PUBLIC-AE	UO2IO3ION	Uranyl(VI) monoiodate ion(+1)	IO5U+1		444.928894
PUBLIC-AE	UO2ION	Uranyl(VI) ion(+2)	O2U+2		270.025696
PUBLIC-AE	UO2NO32	Uranyl(VI) nitrate	N2O8U	36478-76-9	394.035492
PUBLIC-AE	UO2NO32.2H2O	Uranyl(VI) nitrate dihydrate	H4N2O10U		430.066193
PUBLIC-AE	UO2NO32.3H2O	Uranyl(VI) nitrate trihydrate	H6N2O11U		448.081512
PUBLIC-AE	UO2NO32.6H2O	Uranyl(VI) nitrate hexahydrate	H12N2O14U	10102-0-4	502.127533
PUBLIC-AE	UO2NTAION	Uranyl(VI) NTA ion(-1)	C6H6NO8U-1		458.143219
PUBLIC-AE	UO2OH2	Uranyl(VI) hydroxide	H2O4U		304.040436
PUBLIC-AE	UO2OHION	Uranyl(VI) monohydroxide ion(+1)	HO3U+1		287.033081
PUBLIC-AE	UO2SO3	Uranyl(VI) sulfite	O5SU		350.089905
PUBLIC-AE	UO2SO4	Uranyl(VI) sulfate	O6SU	1314-64-3	366.089294
PUBLIC-AE	UO2SO4.3H2O	Uranyl(VI) sulfate trihydrate	H6O9SU		420.135315
PUBLIC-AE	UO2SO42ION	Uranyl(VI) disulfate ion(-2)	O10S2U-2		462.152893
PUBLIC-AE	UREA	Urea	CH4N2O	57-13-6	60.055779
PUBLIC-AE	URETHAN	Ethyl carbamate	C3H7NO2	51-79-6	89.094589
PUBLIC-AE	UVBR5	Uranium(V) bromide	Br5U		637.546875
PUBLIC-AE	UVCL5	Uranium(V) chloride	Cl5U		415.291901
PUBLIC-AE	UVF5	Uranium(V) fluoride	F5U		333.018921
PUBLIC-AE	UVIF6	Uranium(VI) fluoride	F6U	7783-81-5	352.017303
PUBLIC-AE	UVO2ION	Uranyl(V) ion(+1)	O2U+1		270.025696
PUBLIC-AE	UVO2OH	Uranyl(V) hydroxide	HO3U		287.033081
PUBLIC-AE	V2C2O43	Vanadium(III) oxalate	C6O12V2		365.942413
PUBLIC-AE	V2O3	Vanadium(III) oxide	O3V2	1314-34-7	149.881195
PUBLIC-AE	V2O4	Vanadium(IV) oxide	O4V2		165.8806
PUBLIC-AE	V2O5	Vanadium(V) pentoxide	O5V2	1314-62-1	181.880005
PUBLIC-AE	VBR3	Vanadium(III) bromide	Br3V		290.653503
PUBLIC-AE	VC2O42ION	Vanadium(III) dioxalate ion(-1)	C4O8V-1		226.981094
PUBLIC-AE	VC2O4ION	Vanadium(III) monooxalate ion(+1)	C2O4V+1		138.961304
PUBLIC-AE	VCL3	Vanadium(III) chloride	Cl3V		157.300507
PUBLIC-AE	VEL	Vanadium	V	7440-62-2	50.941502
PUBLIC-AE	VERATROL	1,2-Dimethoxybenzene	C8H10O2	91-16-7	138.167297

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	VF3	Vanadium(III) fluoride	F3V		107.936707
PUBLIC-AE	VIIIION	Vanadium ion(+3)	V+3		50.941502
PUBLIC-AE	VIIIOH3	Vanadium(III) hydroxide	H3O3V		101.963608
PUBLIC-AE	VIIIOHION	Vanadium(III) monohydroxide ion(+2)	HOV+2		67.948868
PUBLIC-AE	VIIION	Vanadium ion(+2)	V+2		50.941502
PUBLIC-AE	VINY2ETHER	Divinyl ether	C4H6O	109-93-3	70.091621
PUBLIC-AE	VINYACETYL	Vinylacetylene	C4H4	689-97-4	52.076279
PUBLIC-AE	VINYLACET	Vinyl acetate	C4H6O2	108-05-4	86.091019
PUBLIC-AE	VINYLCHXEN	Vinylcyclohexene	C8H12	100-40-3	108.184441
PUBLIC-AE	VINYLCL	Vinyl chloride	C2H3Cl	75-01-4	62.499111
PUBLIC-AE	VINYLNAPH2	2-Vinylnaphthalene	C12H10	827-54-3	154.212906
PUBLIC-AE	VO2CL	Vanadite(V) chloride	ClO2V		118.393303
PUBLIC-AE	VO2F	Vanadite(V) fluoride	FO2V		101.938705
PUBLIC-AE	VO2F2ION	Vanadite(V) difluoride ion(-1)	F2O2V-1		120.937103
PUBLIC-AE	VO2F3ION	Vanadite(V) trifluoride ion(-2)	F3O2V-2		139.935516
PUBLIC-AE	VO2ION	Vanadite ion(+1)	O2V+1		82.9403
PUBLIC-AE	VO2OH	Vanadite(V) hydroxide	HO3V		99.94767
PUBLIC-AE	VO4ION	Vanadate(V) ion(-3)	VO4-3		114.939102
PUBLIC-AE	VOC2O4	Vanadyl(IV) oxalate	C2O5V		154.960693
PUBLIC-AE	VOC2O42ION	Vanadyl(IV) dioxalate ion(-2)	C4O9V-2		242.980499
PUBLIC-AE	VOCL2	Vanadyl(IV) chloride	Cl2OV		137.846893
PUBLIC-AE	VOCLION	Vanadyl monochloride ion(+1)	ClOV+1		102.393898
PUBLIC-AE	VOF2	Vanadyl(IV) fluoride	F2OV		104.937706
PUBLIC-AE	VOF3ION	Vanadyl(IV) trifluoride ion(-1)	F3OV-1		123.936111
PUBLIC-AE	VOF4ION	Vanadyl(IV) tetrafluoride ion(-2)	F4OV-2		142.934509
PUBLIC-AE	VOFION	Vanadyl(IV) monofluoride ion(+1)	FOV+1		85.939301
PUBLIC-AE	VOION	Vanadyl ion(+2)	OV+2		66.940903
PUBLIC-AE	VOOH2	Vanadyl(IV) hydroxide	H2O3V		100.955643
PUBLIC-AE	VOOH3	Vanadate(V) hydroxide	H3O4V		117.963013
PUBLIC-AE	VOOHION	Vanadyl(IV) monohydroxide ion(+1)	HO2V+1		83.948273
PUBLIC-AE	VOSO4	Vanadyl(IV) sulfate	O5SV		163.004501
PUBLIC-AE	VOSO4.6H2O	Vanadyl(IV) sulfate hexahydrate	H12O11SV		271.096527
PUBLIC-AE	VYNOBORN	Vinylbornene	C9H12	3048-64-4	120.195541
PUBLIC-AE	WARFARINE	3-(alpha-Acetylbenzyl)-4-hydroxycoumarin	C19H16O4	81-81-2	308.336029
PUBLIC-AE	WEGSCHEIDER	Pentasodium bicarbonate carbonate	C4H3Na5O12		358.010956
PUBLIC-AE	WEL	Tungsten	W	7440-33-7	183.850006
PUBLIC-AE	WO4ION	Tungsten(VI) tetraoxide ion(-2)	O4W-2		247.847595
PUBLIC-AE	XE	Xenon	Xe	7440-63-3	131.289993
PUBLIC-AE	XYLENOL34	3,4-Xylenol	C8H10O	95-65-8	122.1679
PUBLIC-AE	XYLENOL35	3,5-Xylenol	C8H10O	108-68-9	122.1679
PUBLIC-AE	ZCLPRPEN13	(Z)-1,3-Dichloro-1-propene	C3H4Cl2	10061-01-5	110.971184
PUBLIC-AE	ZN2DTPAION	Dizinc DTPA ion(-1)	C14H18N3O10Zn2-1		519.092957
PUBLIC-AE	ZN3PO42	Zinc orthophosphate	O8P2Zn3	7779-90-0	386.112732
PUBLIC-AE	ZN3PO42.1H2O	Zinc orthophosphate monohydrate	H2O9P2Zn3		404.128052
PUBLIC-AE	ZN3PO42.2H2O	Zinc orthophosphate dihydrate	H4O10P2Zn3		422.143402
PUBLIC-AE	ZN3PO42.4H2O	Zinc orthophosphate tetrahydrate	H8O12P2Zn3		458.174072
PUBLIC-AE	ZN6CL2O5	Zinc dichloride pentoxide	Cl2O5Zn6		543.242981
PUBLIC-AE	ZN6CL2O5.8H2O	Zinc dichloride pentoxide octahydrate	Cl2H16O13Zn6		687.365723
PUBLIC-AE	ZNACET2	Zinc acetate	C4H6O4Zn		183.479813
PUBLIC-AE	ZNACET3ION	Zinc triacetate ion(-1)	C6H9O6Zn-1		242.524734

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ZNACETION	Zinc monoacetate ion(+1)	C2H3O2Zn+1		124.434914
PUBLIC-AE	ZNALAN2	Zinc dialanate	C6H12N2O4Zn		241.563232
PUBLIC-AE	ZNALANION	Zinc monoalanate ion(+1)	C3H6NO2Zn+1		153.476624
PUBLIC-AE	ZNBR2	Zinc bromide	Br2Zn	7699-45-8	225.197998
PUBLIC-AE	ZNBR2.2H2O	Zinc bromide dihydrate	Br2H4O2Zn		261.228668
PUBLIC-AE	ZNBR3ION	Zinc tribromide ion(-1)	Br3Zn-1		305.10199
PUBLIC-AE	ZNBRION	Zinc bromide ion(+1)	BrZn+1		145.294006
PUBLIC-AE	ZNC2O4	Zinc oxalate	C2O4Zn	547-68-2	153.409805
PUBLIC-AE	ZNC2O4.2H2O	Zinc oxalate dihydrate	C2H4O6Zn		189.440475
PUBLIC-AE	ZNC2O42ION	Zinc dioxalate ion(-2)	C4O8Zn-2		241.429596
PUBLIC-AE	ZNC2O43ION	Zinc trioxalate ion(-4)	C6O12Zn-4		329.449402
PUBLIC-AE	ZNCL2	Zinc chloride	Cl2Zn	7646-85-7	136.296005
PUBLIC-AE	ZNCL2.1H2O	Zinc chloride monohydrate	Cl2H2OZn		154.31134
PUBLIC-AE	ZNCL2.3H2O	Zinc chloride trihydrate	Cl2H6O3Zn		190.342026
PUBLIC-AE	ZNCL3ION	Zinc trichloride ion(-1)	Cl3Zn-1		171.748993
PUBLIC-AE	ZNCLION	Zinc chloride ion(+1)	ClZn+1		100.843002
PUBLIC-AE	ZNCN2	Zinc cyanide	C2N2Zn	557-21-1	117.425598
PUBLIC-AE	ZNCN3ION	Zinc tricyanide ion(-1)	C3N3Zn-1		143.443405
PUBLIC-AE	ZNCN4ION	Zinc tetracyanide ion(-2)	C4N4Zn-2		169.461197
PUBLIC-AE	ZNCNION	Zinc monocyanide ion(+1)	CNZn+1		91.407799
PUBLIC-AE	ZNCO3	Zinc carbonate	CO3Zn	3486-35-9	125.3993
PUBLIC-AE	ZNCOOH2	Zinc formate	C2H2O4Zn		155.425735
PUBLIC-AE	ZNCOOH2.2H2O	Zinc formate dihydrate	C2H6O6Zn		191.456421
PUBLIC-AE	ZNCOOHION	Zinc monoformate ion(+1)	CHO2Zn+1		110.407867
PUBLIC-AE	ZNCR2O4	Zinc chromite	Cr2O4Zn	13530-65-9	233.379593
PUBLIC-AE	ZNCTRION	Zinc citrate ion(-1)	C6H5O7Zn-1		254.492249
PUBLIC-AE	ZNDTPAION	Zinc DTPA ion(-3)	C14H18N3O10Zn-3		453.702972
PUBLIC-AE	ZNEDA2ION	Zinc di(ethylenediamine) ion(+2)	C4H16N4Zn+2		185.588715
PUBLIC-AE	ZNEDA3ION	Zinc tri(ethylenediamine) ion(+2)	C6H24N6Zn+2		245.68808
PUBLIC-AE	ZNEDAION	Zinc mono(ethylenediamine) ion(+2)	C2H8N2Zn+2		125.489357
PUBLIC-AE	ZNEDTAION	Zinc EDTA ion(-2)	C10H12N2O8Zn-2		353.605255
PUBLIC-AE	ZNEL	Zinc	Zn	7440-66-6	65.389999
PUBLIC-AE	ZNF2	Zinc fluoride	F2Zn	7783-49-5	103.386803
PUBLIC-AE	ZNF2.4H2O	Zinc fluoride tetrahydrate	H8O4F2Zn	13986-18-0	175.448166
PUBLIC-AE	ZNFION	Zinc monofluoride ion(+1)	FZn+1		84.388405
PUBLIC-AE	ZNGLYCIN2	Zinc diglycine	C4H8N2O4Zn		213.509155
PUBLIC-AE	ZNGLYCINION	Zinc monoglycine ion(+1)	C2H4NO2Zn+1		139.449585
PUBLIC-AE	ZNGLYCOL2	Zinc glycolate	C4H6O6Zn		215.478622
PUBLIC-AE	ZNGLYCOLION	Zinc monoglycolate ion(+1)	C2H3O3Zn+1		140.434311
PUBLIC-AE	ZNH2CTRION	Zinc dihydrogen citrate ion(+1)	C6H7O7Zn+1		256.508179
PUBLIC-AE	ZNH2DTPAION	Zinc dihydrogen DTPA ion(-1)	C14H20N3O10Zn-1		455.718903
PUBLIC-AE	ZNH2EDTA	Zinc dihydrogen EDTA	C10H14N2O8Zn		355.621185
PUBLIC-AE	ZNH2PO4ION	Zinc dihydrogen orthophosphate ion(+1)	H2O4PZn+1		162.377304
PUBLIC-AE	ZNH3DTPA	Zinc trihydrogen DTPA	C14H21N3O10Zn		456.726868
PUBLIC-AE	ZNH2C2O4	Zinc hydrogen oxalate	C4H2O8Zn		243.445541
PUBLIC-AE	ZNH2C2O4ION	Zinc hydrogen oxalate ion(+1)	C2HO4Zn+1		154.41777
PUBLIC-AE	ZNHCO32	Zinc bicarbonate	C2H2O6Zn		187.424545
PUBLIC-AE	ZNHCO3ION	Zinc bicarbonate ion(+1)	CHO3Zn+1		126.407272
PUBLIC-AE	ZNHCTRT	Zinc hydrogen citrate	C6H6O7Zn		255.500214
PUBLIC-AE	ZNHDTPAION	Zinc hydrogen DTPA ion(-2)	C14H19N3O10Zn-2		454.710938

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ZNHEDTAION	Zinc hydrogen EDTA ion(-1)	C10H13N2O8Zn-1		354.61322
PUBLIC-AE	ZNHNTA	Zinc hydrogen NTA	C6H7NO6Zn		254.515488
PUBLIC-AE	ZNHPO4	Zinc hydrogen orthophosphate	HO4PZn		161.369324
PUBLIC-AE	ZNHS2	Zinc bisulfide	H2S2Zn		131.537933
PUBLIC-AE	ZNHSO32	Zinc bisulfite	H2O6S2Zn		227.534348
PUBLIC-AE	ZNHSO42	Zinc bisulfate	H2O8S2Zn		259.533142
PUBLIC-AE	ZNI2	Zinc iodide	I2Zn	10139-47-6	319.200012
PUBLIC-AE	ZNI2.2H2O	Zinc iodide dihydrate	H4I2O2Zn		355.230682
PUBLIC-AE	ZNIION	Zinc monoiodide ion(+2)	Izn+1		192.294998
PUBLIC-AE	ZNION	Zinc ion(+2)	Zn+2		65.389999
PUBLIC-AE	ZNMDEXH2ION	Zinc di(diethanolmethylamine) ion(+2)	C10H26N2O4Zn+2		303.719208
PUBLIC-AE	ZNMDEXH3ION	Zinc tri(diethanolmethylamine) ion(+2)	C15H39N3O6Zn+2		422.88382
PUBLIC-AE	ZNMDEXH4ION	Zinc tetra(diethanolmethylamine) ion(+2)	C20H52N4O8Zn+2		542.048462
PUBLIC-AE	ZNMDEXHION	Zinc mono(diethanolmethylamine) ion(+2)	C5H13NO2Zn+2		184.554611
PUBLIC-AE	ZNMEXH2ION	Zinc di(2-aminoethanol) ion(+2)	C4H14N2O2Zn+2		187.558182
PUBLIC-AE	ZNMEXH3ION	Zinc tri(2-aminoethanol) ion(+2)	C6H21N3O3Zn+2		248.642273
PUBLIC-AE	ZNMEXHION	Zinc mono(2-aminoethanol) ion(+2)	C2H7NOZn+2		126.474091
PUBLIC-AE	ZNMOO4	Zinc molybdate(VI)	MoO4Zn	13767-32-3	225.327606
PUBLIC-AE	ZNNH2CO22	Zinc carbamate	C2H4N2O4Zn		185.455078
PUBLIC-AE	ZNNH32ION	Zinc diammonia ion(+2)	H6N2Zn+2		99.451218
PUBLIC-AE	ZNNH33ION	Zinc triammonia ion(+2)	H9N3Zn+2		116.481827
PUBLIC-AE	ZNNH34ION	Zinc tetraammonia ion(+2)	H12N4Zn+2		133.512436
PUBLIC-AE	ZNNH3ION	Zinc monoammonia ion(+2)	H3Nzn+2		82.402609
PUBLIC-AE	ZNNO32	Zinc nitrate	N2O6Zn	7779-88-6	189.399796
PUBLIC-AE	ZNNO32.1H2O	Zinc nitrate monohydrate	H2N2O7Zn		207.415146
PUBLIC-AE	ZNNO32.2H2O	Zinc nitrate dihydrate	H4N2O8Zn		225.430481
PUBLIC-AE	ZNNO32.4H2O	Zinc nitrate tetrahydrate	H8N2O10Zn		261.461151
PUBLIC-AE	ZNNO32.6H2O	Zinc nitrate hexahydrate	H12N2O12Zn		297.491852
PUBLIC-AE	ZNNO3ION	Zinc nitrate ion(+1)	NO3Zn+1		127.394897
PUBLIC-AE	ZNNTA2ION	Zinc di-NTA ion(-4)	C12H12N2O12Zn-4		441.625031
PUBLIC-AE	ZNNTAION	Zinc NTA ion(-1)	C6H6NO6Zn-1		253.507523
PUBLIC-AE	ZNOH2	Zinc hydroxide, amorphous	H2O2Zn		99.404739
PUBLIC-AE	ZNOH3ION	Zinc trihydroxide ion(-1)	H3O3Zn-1		116.412109
PUBLIC-AE	ZNOH4ION	Zinc tetrahydroxide ion(-2)	H4O4Zn-2		133.419479
PUBLIC-AE	ZNOHEDTAION	Zinc hydroxide EDTA ion(-3)	C10H13N2O9Zn-3		370.61261
PUBLIC-AE	ZNOHION	Zinc monohydroxide ion(+1)	HOZn+1		82.397369
PUBLIC-AE	ZNOHNTAION	Zinc hydroxide NTA ion(-2)	C6H7NO7Zn-2		270.514893
PUBLIC-AE	ZNS	Zinc sulfide (cubic)	SZn	1314-98-3	97.456001
PUBLIC-AE	ZNSCN2	Zinc dithiocyanate	C2N2S2Zn		181.557602
PUBLIC-AE	ZNSCN3ION	Zinc trithiocyanate ion(-1)	C3N3S3Zn-1		239.641403
PUBLIC-AE	ZNSCN4ION	Zinc tetrathiocyanate ion(-4)	C4N4S4Zn-2		297.725189
PUBLIC-AE	ZNSCNION	Zinc monothiocyanate ion(+1)	CNSZn+1		123.473801
PUBLIC-AE	ZNSE	Zinc selenide	SeZn	1315-09-9	144.350006
PUBLIC-AE	ZNSEO3	Zinc selenite	O3SeZn		192.348206
PUBLIC-AE	ZNSEO3.1H2O	Zinc selenite monohydrate	H2O4SeZn		210.363541
PUBLIC-AE	ZNSEO3.2H2O	Zinc selenite dihydrate	H4O5SeZn		228.378876
PUBLIC-AE	ZNSEO4	Zinc selenate	O4SeZn	13597-54-1	208.347595
PUBLIC-AE	ZNSEO4.1H2O	Zinc selenate monohydrate	H2O5SeZn		226.362946
PUBLIC-AE	ZNSEO4.6H2O	Zinc selenate hexahydrate	H12O10SeZn		316.439636
PUBLIC-AE	ZNSO3	Zinc sulfite	O3SZn		145.454193

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ZNSO4	Zinc sulfate	O4SZn	7733-02-0	161.453598
PUBLIC-AE	ZNSO4.1H2O	Zinc sulfate monohydrate	H2O5SZn		179.468933
PUBLIC-AE	ZNSO4.6H2O	Zinc sulfate hexahydrate	H12O10SZn		269.545654
PUBLIC-AE	ZNSO4.7H2O	Zinc sulfate heptahydrate	H14O11SZn		287.560974
PUBLIC-AE	ZNTRTRT	Zinc tartrate	C4H4O6Zn		213.462677
PUBLIC-AE	ZNWO4	Zinc tungstate(VI)	O4WZn		313.23761
PUBLIC-AE	ZRBR4	Zirconium bromide	Br4Zr		410.839996
PUBLIC-AE	ZRC2O42	Zirconium oxalate	C4O8Zr		267.263611
PUBLIC-AE	ZRC2O4ION	Zirconium monooxalate ion(+2)	C2O4Zr+2		179.243805
PUBLIC-AE	ZRCL2ION	Zirconium dichloride ion(+2)	Cl2Zr+2		162.130005
PUBLIC-AE	ZRCL3ION	Zirconium trichloride ion(+1)	Cl3Zr+1		197.582993
PUBLIC-AE	ZRCL4	Zirconium tetrachloride	Cl4Zr	10026-11-6	233.035995
PUBLIC-AE	ZRCLION	Zirconium monochloride ion(+3)	ClZr+3		126.677002
PUBLIC-AE	ZREDTA	Zirconium EDTA	C10H12N2O8Zr		379.43924
PUBLIC-AE	ZREL	Zirconium	Zr	7440-67-7	91.223999
PUBLIC-AE	ZRF2ION	Zirconium difluoride ion(+2)	F2Zr+2		129.22081
PUBLIC-AE	ZRF3ION	Zirconium trifluoride ion(+1)	F3Zr+1		148.219208
PUBLIC-AE	ZRF4	Zirconium fluoride	F4Zr	7783-64-4	167.217606
PUBLIC-AE	ZRF4.1H2O	Zirconium fluoride monohydrate	F4H2OZr		185.232956
PUBLIC-AE	ZRF4.3H2O	Zirconium fluoride trihydrate	F4H6O3Zr		221.263626
PUBLIC-AE	ZRF5ION	Zirconium pentafluoride ion(-1)	F5Zr-1		186.216019
PUBLIC-AE	ZRF6ION	Zirconium hexafluoride ion(-2)	F6Zr-2		205.214417
PUBLIC-AE	ZRFION	Zirconium monofluoride ion(+3)	FZr+3		110.222404
PUBLIC-AE	ZRHPO42	Zirconium hydrogen phosphate	H2O8P2Zr		283.182648
PUBLIC-AE	ZRHPO42.1H2O	Zirconium hydrogen phosphate monohydrate	H4O9P2Zr		301.197998
PUBLIC-AE	ZRHPO42.2H2O	Zirconium hydrogen phosphate dihydrate	H6O10P2Zr		319.213348
PUBLIC-AE	ZRI4	Zirconium iodide	I4Zr	13986-26-0	598.843994
PUBLIC-AE	ZRION	Zirconium(IV) ion	Zr+4		91.223999
PUBLIC-AE	ZRMO2O8	Zirconium(IV) molybdate(VI)	Mo2O8Zr		411.099213
PUBLIC-AE	ZRMOO4ION	Zirconium(IV) molybdate ion(+2)	MoO4Zr+2		251.161606
PUBLIC-AE	ZRNO32ION	Zirconium dinitrate ion(+2)	N2O6Zr+2		215.233795
PUBLIC-AE	ZRNO3ION	Zirconium mononitrate ion(+3)	NO3Zr+3		153.228897
PUBLIC-AE	ZRNTAION	Zirconium NTA ion(+1)	C6H6NO6Zr+1		279.341522
PUBLIC-AE	ZRO2	Zirconium oxide	O2Zr	1314-23-4	123.222801
PUBLIC-AE	ZROCL2	Zirconium oxide dichloride	Cl2OZr	7699-43-6	178.129395
PUBLIC-AE	ZROCL2.2H2O	Zirconium oxide dichloride dihydrate	Cl2H4O3Zr		214.16008
PUBLIC-AE	ZROCL2.3.5H2O	Zirconium oxide dichloride 3.5 hydrate	Cl2H7O4.5Zr		241.18309
PUBLIC-AE	ZROCL2.6H2O	Zirconium oxide dichloride hexahydrate	Cl2H12O7Zr		286.221436
PUBLIC-AE	ZROCL2.8H2O	Zirconium oxide dichloride octahydrate	Cl2H16O9Zr		322.252106
PUBLIC-AE	ZROH2ION	Zirconium dihydroxide ion(+2)	H2O2Zr+2		125.238739
PUBLIC-AE	ZROH3ION	Zirconium trihydroxide ion(+1)	H3O3Zr+1		142.246109
PUBLIC-AE	ZROH4	Zirconium hydroxide	H4O4Zr		159.253479
PUBLIC-AE	ZROH5ION		H5O5Zr-1		176.260849
PUBLIC-AE	ZROHION	Zirconium monohydroxide ion(+3)	HOZr+3		108.231369
PUBLIC-AE	ZROHNTA	Zirconium hydroxide NTA	C6H7NO7Zr		296.348877
PUBLIC-AE	ZRONO32	Zirconium oxide dinitrate	N2O7Zr		231.2332
PUBLIC-AE	ZRS2	Zirconium sulfide	S2Zr		155.356003
PUBLIC-AE	ZRSO42	Zirconium sulfate	O8S2Zr	14644-61-2	283.351196
PUBLIC-AE	ZRSO42.1H2O	Zirconium sulfate monohydrate	H2O9S2Zr		301.366547
PUBLIC-AE	ZRSO42.4H2O	Zirconium sulfate tetrahydrate	H8O12S2Zr		355.412567

16-Nov-06 OLI Data Base Listings for ESP version 7.0.46, Analyzers 2.0.46
and all current alliance products

Data Base	OLI Tag (ESP) Name	IUPAC Name	Formula	CAS Registry Number	Molecular Weight
PUBLIC-AE	ZRSO4ION	Zirconium sulfate ion(+2)	O4SZr+2		187.287598
REFRIGER	CABR2.4H2O	Calcium bromide tetrahydrate	Br2CaH8O4		271.947357
REFRIGER	CABR2.6H2O	Calcium bromide hexahydrate	Br2CaH12O6		307.978027
REFRIGER	HTAO3	Tantalic(V) acid	HO3Ta		229.954071
REFRIGER	LIBR	Lithium bromide	BrLi	7550-35-8	86.844902
REFRIGER	LIBR.2H2O	Lithium bromide dihydrate	BrH4LiO2		122.87558
REFRIGER	LIBR.3H2O	Lithium bromide trihydrate	BrH6LiO3		140.890915
REFRIGER	LIBR.5H2O	Lithium bromide pentahydrate	BrH10LiO5		176.9216
REFRIGER	LIBR.H2O	Lithium bromide monohydrate	BrH2LiO		104.860237
REFRIGER	LII	Lithium iodide	ILi	10377-51-2	133.845901
REFRIGER	LII.2H2O	Lithium iodide dihydrate	H4LiO2	17023-25-5	169.876587
REFRIGER	LII.3H2O	Lithium iodide trihydrate	H6LiO3	7790-22-9	187.891922
REFRIGER	LII.H2O	Lithium iodide monohydrate	H2LiO	17023-24-4	151.861237
REFRIGER	LIMO.0.75H2O	Lithium molybdate(VI)-0.75-water	H1.5Li2MoO4.75		187.330902
REFRIGER	LINO3	Lithium nitrate	LINO3	7790-69-4	68.945801
REFRIGER	LINO3.0.5H2O	Lithium nitrate hemihydrate	HLiNO3.5		77.953468
REFRIGER	LINO3.3H2O	Lithium nitrate trihydrate	H6LiNO6		122.991821
REFRIGER	NANBO3	Sodium niobium trioxide	NaNbO3		163.894577
REFRIGER	NB2O5	Niobium(V) oxide	Nb2O5	1313-96-8	265.809814
REFRIGER	PTIIBR4ION	Platinum(II) tetrabromide ion(-2)	Br4Pt-2		514.695984
REFRIGER	TA2O5	Tantalum(V) oxide	O5Ta2	1314-61-0	441.892792
REFRIGER	TAO3ION	Tantalate ion(-1)	O3Ta-1		228.946106
REFRIGER	ZN5H8O8BR2	Pentazinc octahydroxide dibromide	Br2H8O8Zn5		622.816956
REFRIGER	ZNBR2	Zinc bromide	Br2Zn	7699-45-8	225.197998
REFRIGER	ZNBR2.2H2O	Zinc bromide dihydrate	Br2H4O2Zn		261.228668
REFRIGER	ZNBR3ION	Zinc tribromide ion(-1)	Br3Zn-1		305.10199
REFRIGER	ZNBRION	Zinc bromide ion(+1)	BrZn+1		145.294006
REFRIGER	ZNCL2	Zinc chloride	Cl2Zn	7646-85-7	136.296005
REFRIGER	ZNCL2.1H2O	Zinc chloride monohydrate	Cl2H2OZn		154.31134
REFRIGER	ZNCL2.3H2O	Zinc chloride trihydrate	Cl2H6O3Zn		190.342026
REFRIGER	ZNCL3ION	Zinc trichloride ion(-1)	Cl3Zn-1		171.748993
REFRIGER	ZNCLION	Zinc chloride ion(+1)	ClZn+1		100.843002
REFRIGER	ZNOH4ION	Zinc tetrahydroxide ion(-2)	H4O4Zn-2		133.419479