

DIAMOND: Run on a monolithic diamond ATR crystal with a 45 degree angle of incidence.

Alumina neutral activity IV

Aluminum ammonium sulfate,  $\text{Al}(\text{NH}_4)(\text{SO}_4)2.12\text{H}_2\text{O}$ , 7784-26-1

Aluminum chloride hexahydrate,  $\text{AlCl}_3.6\text{H}_2\text{O}$ , 7784-13-6

Aluminum fluoride trihydrate,  $\text{AlF}_3.3\text{H}_2\text{O}$ , 15098-87-0

Aluminum isopropoxide,  $\text{C}_9\text{H}_{21}\text{AlO}_3$ , 555-31-7

Aluminum molybdate,  $\text{Al}_2(\text{MoO}_4)_3$ , 15123-80-5

Aluminum nitrate nonahydrate,  $\text{Al}_2(\text{NO}_3)_3.9\text{H}_2\text{O}$ , 7784-27-2

Aluminum oxide,  $\text{Al}_2\text{O}_3$ , 1344-28-1

Aluminum oxide,  $\text{Al}_2\text{O}_3$ , 1344-28-1

Aluminum potassium sulfate dodecahydrate,  $\text{Al}_2(\text{SO}_4)_3.12\text{H}_2\text{O}$ , 7784-24-9

Aluminum silicate,  $\text{Al}_2\text{O}_3\text{Si}_2$ , 1332-58-7

Aluminum sulfate hydrate,  $\text{Al}_2(\text{SO}_4)_3.x\text{H}_2\text{O}$ , hydrates = 14 to 18, 16828-11-8

Aluminum tungstate, 15123-82-7

Ammonium-15N sulfate, 43086-58-4

Ammonium acetate,  $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$ ,  $\text{NH}_4\text{CH}_3\text{CO}_2$ , 631-61-8

Ammonium bicarbonate,  $\text{NH}_4\text{HCO}_3$ , 1066-33-7

Ammonium fluoride,  $\text{NH}_4\text{F}$ , 12125-01-8

Ammonium hexachloroiridate(IV), 16940-92-4

Ammonium metavanadate,  $\text{NH}_4\text{VO}_3$ , 7803-55-6

Ammonium molybdate tetrahydrate,  $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24}.4\text{H}_2\text{O}$ , 12054-85-2

Ammonium nickel sulfate hexahydrate,  $(\text{NH}_4)_2\text{SO}_4\text{NiSO}_4.6\text{H}_2\text{O}$ , 7785-20-8

Ammonium nitrate,  $\text{NH}_4\text{NO}_3$ , 6484-52-2

Ammonium oxalate hydrate,  $(\text{NH}_4)_2\text{C}_2\text{O}_4.\text{H}_2\text{O}$ , 6009-70-7

Ammonium persulfate,  $(\text{NH}_4)_2\text{S}_2\text{O}_8$ , 7727-54-0

Ammonium sulfate,  $(\text{NH}_4)_2\text{SO}_4$ , 7783-20-2

Ammonium tetrakis(4-chlorophenyl)borate

Ammonium thiocyanate,  $\text{NH}_4\text{SCN}$ , 1762-95-4

Anhydron, 10034-81-8

Antimony oxide, 1301-64-4

Antimony pentasulfide,  $\text{Sb}_2\text{S}_5$ , 1315-04-4

Antimony potassium tartrate trihydrate,  $\text{Sb}_2\text{C}_8\text{H}_4\text{K}_2\text{O}_{12}.3\text{H}_2\text{O}$ , 28300-74-5

Antimony trioxide,  $\text{Sb}_2\text{O}_3$ , 1309-64-4

Antimony(III) isopropoxide,  $\text{Sb}(\text{OCH}(\text{CH}_3)_2)_3$ , 18770-47-3

Arsenic(III) oxide,  $\text{As}_2\text{O}_3$ , 1327-53-3

Barium acetate,  $\text{Ba}(\text{C}_2\text{H}_3\text{O}_2)_2$ , 543-80-6

Barium aluminate,  $\text{BaAl}_2\text{O}_4$ , 12004-04-5

Barium bromide dihydrate, 7791-28-8

Barium carbonate,  $\text{BaCO}_3$ , 513-77-9

Barium chloranilate.3H<sub>2</sub>O,  $\text{BaC}_6\text{Cl}_2\text{O}_4$ , 3435-46-6

Barium chloride dihydrate,  $\text{BaCl}_2.2\text{H}_2\text{O}$ , 10326-27-9

Barium chloride,  $\text{BaCl}_2$ , 10361-37-2

Barium hydroxide octahydrate,  $\text{Ba}(\text{OH})_2.8\text{H}_2\text{O}$ , 12230-71-6

Barium molybdate,  $\text{BaMoO}_4$ , 7787-37-3

Barium nitrate, Ba(NO<sub>3</sub>)<sub>2</sub>, 10022-31-8  
Barium oxalate, C<sub>2</sub>BaO<sub>4</sub>, 516-02-9  
Barium oxide, BaO, 1304-28-5  
Barium sulfate, BaSO<sub>4</sub>, 7727-43-7  
Barium titanate, BaTiO<sub>3</sub>, 12047-27-7  
Beryllium oxide, BeO, 1304-56-9  
Beryllium sulfate, BeSO<sub>4</sub>, 13510-49-1  
Bis(cyclopentadienyl) zirconium hydride chloride, C<sub>10</sub>H<sub>11</sub>ClZr, 37342-97-5  
Bis(dibenzylideneacetone)palladium, PdC<sub>34</sub>H<sub>28</sub>O<sub>2</sub>, 32005-36-0  
Bis(triphenylphosphine) cobalt(II) chloride, C<sub>36</sub>H<sub>30</sub>Cl<sub>2</sub>CoP<sub>2</sub>, 14126-40-0  
Bis[tricarbonyl(triphenylphosphine) cobalt]  
Bismuth ammonium citrate decahydrate, C<sub>24</sub>H<sub>20</sub>Bi<sub>4</sub>O<sub>28</sub>.6NH<sub>3</sub>.10H<sub>2</sub>O, 31886-41-6  
Bismuth carbonate basic, BiCO<sub>3</sub>, 5892-10-4  
Bismuth gallate basic, C<sub>7</sub>H<sub>5</sub>BiO<sub>6</sub>, 99-26-3  
Bismuth oxychloride, BiOCl, 7787-59-9  
Bismuth trioxide, Bi<sub>2</sub>O<sub>3</sub>, 1304-76-3  
Bismuth tungstate, Bi<sub>2</sub>(WO<sub>4</sub>)<sub>3</sub>, 13595-87-4  
Boric acid, H<sub>3</sub>BO<sub>3</sub>, 10043-35-3  
Boron carbide, BC, 12069-32-8  
Boron nitride, BN, 10043-11-5  
Boron oxide, 1303-86-2  
Boron oxide, B<sub>2</sub>O<sub>3</sub>, 1303-86-2  
Boron oxide, B<sub>2</sub>O<sub>3</sub>, 13303-86-2  
Cadmium carbonate, CdCO<sub>3</sub>, 513-78-0  
Cadmium chloride hemipentahydrate, CdCl<sub>2</sub>.(2)H<sub>2</sub>O, 7790-78-5  
Cadmium molybdate, CdMoO<sub>4</sub>, 13972-68-4  
Cadmium oxide, CdO, 1306-19-0  
Cadmium sulfate octahydrate, 3CdSO<sub>4</sub>.8H<sub>2</sub>O, 7790-84-3  
Cadmium sulfate, CdSO<sub>4</sub>, 10124-36-4  
Cadmium telluride, CdTe, 1306-25-8  
Cadmium tungstate, CdWO<sub>4</sub>, 7790-85-4  
Calcium acetate hydrate, Ca(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub>.xH<sub>2</sub>O, 62-54-4  
Calcium acetylacetonate, CaC<sub>10</sub>H<sub>14</sub>O<sub>4</sub>, 19372-44-2  
Calcium bromide hydrate, CaBr<sub>2</sub>.xH<sub>2</sub>O, 71626-99-8  
Calcium carbonate, CaCO<sub>3</sub>, 471-34-1  
Calcium chloride dihydrate, CaCl<sub>2</sub>.2H<sub>2</sub>O, 10035-04-8  
Calcium chloride, CaCl<sub>2</sub>, 10043-52-4  
Calcium citrate tetrahydrate, C<sub>12</sub>H<sub>10</sub>Ca<sub>3</sub>O<sub>14</sub>.4H<sub>2</sub>O, 5785-44-4  
Calcium fluoride, CaF<sub>2</sub>, 7789-75-5  
Calcium gluconate monohydrate, C<sub>12</sub>H<sub>22</sub>CaO<sub>4</sub>.H<sub>2</sub>O, 18016-24-5  
Calcium hypochlorite, Ca(OCl)<sub>2</sub>, 7778-54-3  
Calcium molybdate, CaMoO<sub>4</sub>, 7789-82-4  
Calcium nitrate tetrahydrate, Ca(NO<sub>3</sub>)<sub>2</sub>.4H<sub>2</sub>O, 13477-34-4  
Calcium nitride, Ca<sub>3</sub>N<sub>2</sub>, 12013-82-0  
Calcium phosphate monobasic, Ca(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub>.H<sub>2</sub>O, 10031-30-8  
Calcium propionate monohydrate, Ca(CH<sub>3</sub>CH<sub>2</sub>COO)<sub>2</sub>, 4075-81-4  
Calcium silicide, 12013-56-8

Calcium stearate, C<sub>36</sub>H<sub>70</sub>CaO<sub>4</sub>, 1592-23-0  
Calcium sulfate hemihydrate, CaSO<sub>4</sub>·1/2H<sub>2</sub>O, 10034-76-1  
Calcium sulfate, CaSO<sub>4</sub>, 7778-18-9  
Calcium sulfide, CaS, 20548-54-3  
Calcium titanate, CaTiO<sub>3</sub>, 12049-50-2  
Calcium tungstate, CaWO<sub>4</sub>, 7790-75-2  
Calcium zirconate, CaZrO<sub>3</sub>, 11129-15-0  
Carbon tetrabromide, 558-13-4  
Ceric ammonium nitrate, Ce(NH<sub>4</sub>)<sub>2</sub>(NO<sub>3</sub>)<sub>6</sub>, 16774-21-3  
Ceric ammonium sulfate dihydrate, Ce(NH<sub>4</sub>)<sub>4</sub>(SO<sub>4</sub>)<sub>4</sub>·2H<sub>2</sub>O, 10378-47-9  
Ceric oxide, CeO<sub>2</sub>, 1306-38-3  
Cerium acetylacetonate, CeC<sub>15</sub>H<sub>21</sub>O<sub>6</sub>, 15653-01-7  
Cerium nitrate, Ce(NO<sub>3</sub>)<sub>3</sub>·6H<sub>2</sub>O, 17309-53-4  
Cerium titanate, CeTiO<sub>4</sub>, 52014-82-1  
Cerium tris(2,2,6,6-tetramethyl-3,5-heptanedionato)  
Cerium zirconate, Ce<sub>2</sub>O<sub>7</sub>Zr<sub>2</sub>, 53169-24-7  
Cerium(III) carbonate, Ce<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>·3H<sub>2</sub>O, 54451-25-1  
Cerium(III) chloride heptahydrate, CeCl<sub>3</sub>·7H<sub>2</sub>O, 18618-55-8  
Cerium(III) chloride, CeCl<sub>3</sub>·H<sub>2</sub>O, 19423-76-8  
Cerium(III) sulfate, Ce<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>, 13454-94-9  
Cesium carbonate, Ce<sub>2</sub>CO<sub>3</sub>, 534-17-8  
Cesium chromate, CsCrO<sub>4</sub>, 13454-78-9  
Cesium molybdate, Cs<sub>2</sub>MoO<sub>4</sub>, 13597-64-2  
Cesium nitrate, CsNO<sub>3</sub>, 7789-18-6  
Cesium sulfate, Cs<sub>2</sub>SO<sub>4</sub>, 10294-54-9  
Chloropentaamine cobalt(III) chloride, H<sub>15</sub>Cl<sub>3</sub>CoN<sub>5</sub>, 13859-51-3  
Chromic acetate hydrate, Cr(CH<sub>3</sub>COO)<sub>3</sub>·H<sub>2</sub>O, 1066-30-4  
Chromium acetylacetonate, C<sub>15</sub>H<sub>21</sub>CrO<sub>6</sub>, 21679-31-2  
Chromium potassium sulfate dodecahydrate, CrK(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O, 7788-99-0  
Chromium(III) chloride hexahydrate, CrCl<sub>3</sub>·6H<sub>2</sub>O, 10060-12-5  
Chromium(III) oxide, green, Cr<sub>2</sub>O<sub>3</sub>, 1308-38-9  
Cis-bis(acetonitrile)dichloroplatinate, C<sub>4</sub>H<sub>6</sub>Cl<sub>2</sub>N<sub>2</sub>Pt, 13869-38-0  
Cobalt acetate, 71-48-7  
Cobalt chloride hexahydrate, CoCl<sub>2</sub>·6H<sub>2</sub>O, 7791-13-1  
Cobalt nitrate hexahydrate, Co(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O, 10026-22-9  
Cobalt oxide, Co<sub>3</sub>O<sub>4</sub>, 1308-06-1  
Cobalt sulfate heptahydrate, CoSO<sub>4</sub>·7H<sub>2</sub>O, 10026-24-1  
Cobalt sulfate, CoSO<sub>4</sub>, 10124-43-3  
Cobalt titanate, CoTiO<sub>3</sub>, 12017-01-5  
Cobalt(II) bromide, CoBr<sub>2</sub>, 7789-43-7  
Cobalt(II) carbonate, CoCO<sub>3</sub>, 513-79-1  
Cobalt(II) sulfamate tetrahydrate, 14017-41-5  
Cobalt(II) thiocyanate hydrate, 97126-35-7  
Cobalt(III) sulfide, CoS, 1317-24-6  
Cobinamide dicyanide 2.5 hydrate, 27792-36-5  
Copper bis(2,2-dimethyl-6,6,7,7,8,8,8-heptafluoro-3,5-octanedionate), Cu(C<sub>10</sub>H<sub>10</sub>F<sub>7</sub>O<sub>2</sub>)<sub>2</sub>, 80289-21-0  
Copper hexafluoroacetylacetonate, Cu(C<sub>10</sub>H<sub>2</sub>F<sub>12</sub>O<sub>4</sub>)<sub>2</sub>, 14781-45-4

Copper sulfide, CuS, 1317-40-4  
Copper trifluoroacetate, Cu(CF<sub>3</sub>CO<sub>2</sub>)<sub>2</sub>.xH<sub>2</sub>O, 123333-88-0  
Copper tungstate, CuWO<sub>4</sub>, 1358777-35-4  
Copper(I) acetate, CuC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>, 598-54-9  
Copper(I) chloride, 7785-89-6  
Copper(II) cyclohexanebutyrate, [C<sub>6</sub>H<sub>11</sub>(CH<sub>2</sub>)<sub>3</sub>CO<sub>2</sub>]<sub>2</sub>Cu, 2218-80-6  
Copper(II) sulfamate  
Copper(II) trifluoromethanesulfonate, (CF<sub>3</sub>SO<sub>3</sub>)<sub>2</sub>Cu, 34946-82-2  
Cupric acetate monohydrate, Cu(CH<sub>3</sub>COO)<sub>2</sub>.H<sub>2</sub>O, 6046-93-1  
Cupric chloride dihydrate, CuCl<sub>2</sub>.2H<sub>2</sub>O, 10125-13-0  
Cupric nitrate hemipentahydrate, Cu(NO<sub>3</sub>)<sub>2</sub>.(2 )H<sub>2</sub>O, 3251-23-8  
Cupric oxide, CuO, 1317-38-0  
Cupric sulfate pentahydrate, CuSO<sub>4</sub>.5H<sub>2</sub>O, 7758-99-8  
Cuprous oxide red, Cu<sub>2</sub>O, 1317-39-1  
Cyanuric chloride, 108-77-0  
cyclopentadienyl titanium trichloride, C<sub>5</sub>H<sub>5</sub>Cl<sub>3</sub>Ti<sub>5</sub>, 1270-98-0  
Dibenzofuran-4-boronic acid, C<sub>12</sub>H<sub>9</sub>BO<sub>3</sub>, 100124-06-9  
Dicyandiamide, C<sub>2</sub>N<sub>4</sub>H<sub>4</sub>, 461-58-5  
Dicyclopentadienyliron, 102-54-5  
Dithiooxamide, C<sub>2</sub>H<sub>4</sub>N<sub>4</sub>S<sub>2</sub>, 79-40-3  
Dysprosium acetylacetonate, DyC<sub>15</sub>H<sub>21</sub>O<sub>6</sub>, 14637-88-8  
Dysprosium carbonate tetrahydrate, Dy<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>.4H<sub>2</sub>O, 38245-35-1  
Dysprosium hexafluoroacetylacetonate, DyC<sub>10</sub>H<sub>2</sub>F<sub>12</sub>O<sub>4</sub>  
Dysprosium oxalate hydrate, DyC<sub>6</sub>O<sub>12</sub>.xH<sub>2</sub>O, 58176-69-5  
Dysprosium oxide, Dy<sub>2</sub>O<sub>3</sub>, 1308-87-8  
Dysprosium sulfate, Dy<sub>2</sub>H<sub>16</sub>O<sub>20</sub>S<sub>3</sub>, 10031-50-2  
Dysprosium trifluoroacetylacetonate  
Dysprosium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15522-69-7  
Erbium acetate hydrate, Er(O<sub>2</sub>C<sub>2</sub>H<sub>3</sub>)<sub>3</sub>.xH<sub>2</sub>O, 15280-57-6  
Erbium carbonate, Er<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>.xH<sub>2</sub>O, 22992-83-2  
Erbium chloride, ErCl<sub>3</sub>, 10138-41-7  
Erbium cyclohexanebutyrate, Er(C<sub>10</sub>H<sub>17</sub>O<sub>2</sub>)<sub>3</sub>  
Erbium oxide, Er<sub>2</sub>O<sub>3</sub>, 12061-16-4  
Erbium sulfate, Er<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>, 13478-49-4  
Ethylenediamine dihydrochloride, 333-18-6  
Europium acetylacetonate, 14284-86-7  
Europium nitrate hexahydrate, Eu(NO<sub>3</sub>)<sub>3</sub>.6H<sub>2</sub>O, 10031-53-5  
Europium oxide, Eu<sub>2</sub>O<sub>3</sub>, 1308-96-9  
Europium sulfate octahydrate, Eu<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>.8H<sub>2</sub>O, 10031-55-7  
Europium sulfide, EuS, 12020-65-4  
Europium trifluoroacetylacetonate, 52093-64-1  
Europium trifluoromethanesulfonate, C<sub>3</sub>EuF<sub>9</sub>O<sub>9</sub>S<sub>3</sub>, 139177-64-3  
Europium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15522-71-1  
Europium tris(6,6,7,7,8,8,8-heptafluoro-2,2-dimethyl-3,5-octandionato), 14054-87-----not right  
Europium tris(thenoyltrifluoroacetate), 14054-87-6  
Europium tris[3-(heptafluoropropylhydroxymethylene-(+)-camphorato)]  
Ferric ammonium citrate green, C<sub>12</sub>H<sub>22</sub>FeN<sub>3</sub>O<sub>14</sub>, 1185-57-5

Ferric chloride hexahydrate,  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ , 10025-77-1  
Ferric citrate trihydrate,  $\text{FeC}_6\text{H}_5\text{O}_7 \cdot 3\text{H}_2\text{O}$ , 17217-76-4  
Ferric nitrate nonahydrate,  $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ , 7782-61-8  
Ferric oxide red,  $\text{Fe}_2\text{O}_3$ , 1309-37-1  
Ferric pyrophosphate,  $\text{Fe}_4(\text{P}_2\text{O}_7)_3$ , 10058-44-3  
Ferrous ammonium sulfate hexahydrate,  $\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ , 7783-85-9  
Ferrous chloride tetrahydrate,  $\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$ , 13478-10-9  
Ferrous sulfate heptahydrate,  $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ , 7782-63-0  
Ferrous sulfate,  $\text{FeSO}_4$ , 7720-78-7  
Gadolinium 2-ethylhexanoate,  $\text{GdC}_{24}\text{H}_{45}\text{O}_6$ , 19189-19-6  
Gadolinium acetate tetrahydrate,  $\text{GdC}_6\text{H}_9\text{O}_6 \cdot 4\text{H}_2\text{O}$ , 15280-53-2  
Gadolinium acetylacetonate,  $\text{GdC}_{15}\text{H}_{21}\text{O}_6$ , 14284-87-8  
Gadolinium hexafluoroacetylacetonate  
Gadolinium nitrate,  $\text{Gd}(\text{NO}_3)_3$ , 10168-81-7  
Gadolinium oxalate,  $\text{Gd}_2(\text{C}_2\text{O}_4)_3$ , 867-64-1  
Gadolinium oxide,  $\text{Gd}_2\text{O}_3$ , 12064-62-9  
Gadolinium sulfate octahydrate,  $\text{Gd}_2\text{O}_12\text{S}_3 \cdot 8\text{H}_2\text{O}$ , 13450-87-8  
Gadolinium sulfide,  $\text{Gd}_2\text{S}_3$ , 12134-77-9  
Gadolinium tris(2,2-dimethyl-6,6,7,7,8,8,8-heptafluoro-3,5-octanedionate),  $\text{Gd}(\text{C}_{10}\text{H}_{10}\text{F}_7\text{O}_2)_3$ , 17631-67-3  
Gadolinium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 14768-15-1  
Gallium sulfate,  $\text{Ga}_2(\text{SO}_4)_3$ , 13494-91-2  
Gallium(III) nitrate hydrate,  $\text{Ga}(\text{NO}_3)_3 \cdot \text{H}_2\text{O}$ , 69365-72-6  
Germanium oxide,  $\text{GeO}_2$ , 1310-53-8  
Hafnium carbide,  $\text{HfC}$ , 12069-85-1  
Hafnium oxide,  $\text{HfO}_2$ , 12055-23-1  
Hexamine cobalt(III) chloride,  $[\text{Co}(\text{NH}_3)_6]\text{Cl}_3$ , 10534-89-1  
Holmium acetate hydrate,  $\text{Ho}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot \text{H}_2\text{O}$ , 25519-09-9  
Holmium nitrate hexahydrate,  $\text{Ho}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$ , 14483-18-2  
Holmium sulfate,  $\text{Ho}_2(\text{SO}_4)_3$ , 15622-40-9  
Holmium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15522-73-3  
Holmium(III) oxide,  $\text{Ho}_2\text{O}_3$ , 12055-62-8  
Hydrazine sulfate,  $(\text{NH}_2)_2 \cdot \text{H}_2\text{SO}_4$ , 10034-93-2  
Hydroxyapatite, 12167-74-7  
Hydroxylamine hydrochloride,  $\text{NH}_2\text{OH} \cdot \text{HCl}$ , 5470-11-1  
Indium oxide,  $\text{In}_2\text{O}_3$ , 1312-43-2  
Indium sulfate,  $\text{In}_2(\text{SO}_4)_3$ , 13464-82-9  
Indium(III) acetate,  $\text{In}(\text{C}_2\text{H}_3\text{O}_2)_3$ , 25114-58-3  
Indium(III) nitrate hydrate,  $\text{In}(\text{NO}_3)_3 \cdot \text{H}_2\text{O}$ , 13465-14-0  
Indium(III) sulfide,  $\text{In}_2\text{S}_3$ , 12030-24-9  
Iron trifluoroacetylacetonate, 14526-22-8  
Iron(II) sulfide,  $\text{FeS}$ , 1317-37-9  
Iron(III) hydroxide, gamma,  $\text{Fe}_2\text{O}_3$ , 20344-49-4  
Lanthanum 2,2,6,6-tetramethyl-3,5-heptanedionato, 14319-13-2  
Lanthanum acetate hydrate,  $\text{LaC}_6\text{H}_9\text{O}_6 \cdot x\text{H}_2\text{O}$ , 917-70-4  
Lanthanum carbonate,  $\text{La}_2(\text{CO}_3)_3$ , 6487-39-4  
Lanthanum chloride heptahydrate,  $\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$ , 10025-84-0

Lanthanum oxide,  $\text{La}_2\text{O}_3$ , 1312-81-8  
Lead acetate trihydrate,  $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 3\text{H}_2\text{O}$ , 6080-56-4  
Lead carbonate,  $\text{PbCO}_3$ , 598-63-0  
Lead chloride,  $\text{PbCl}_2$ , 7758-95-4  
Lead molybdate,  $\text{PbMoO}_4$ , 10190-55-3  
Lead nitrate,  $\text{Pb}(\text{NO}_3)_2$ , 10099-74-8  
Lead oxide,  $\text{PbO}$ , 1317-36-8  
Lead titanate,  $\text{PbTiO}_3$ , 12060-00-3  
Lead tungstate,  $\text{PbWO}_4$ , 7759-01-5  
Lithium acetate dihydrate,  $\text{Li}(\text{CH}_3\text{COO})_2 \cdot 2\text{H}_2\text{O}$ , 546-89-4  
Lithium bromide,  $\text{LiBr}$ , 7550-35-8  
Lithium carbonate,  $\text{Li}_2\text{CO}_3$ , 554-13-2  
Lithium chloride,  $\text{LiCl}$ , 7447-41-8  
Lithium isopropoxide,  $\text{LiC}_3\text{H}_7\text{O}$ , 2388-10-5  
Lithium molybdate,  $\text{Li}_2\text{MoO}_4$ , 13568-40-6  
Lithium orthophosphate,  $\text{Li}_3\text{PO}_4$ , 10377-52-3  
Lithium oxalate,  $\text{Li}_2\text{C}_2\text{O}_4$ , 553-91-3  
Lithium perchlorate, 7791-03-9  
Lithium phenoxide,  $\text{LiC}_6\text{H}_5\text{O}$ , 555-24-8  
Lithium sulfate hydrate,  $\text{Li}_2\text{SO}_4 \cdot \text{H}_2\text{O}$ , 1012-25-7  
Lithium tetraborate,  $\text{Li}_2\text{B}_4\text{O}_7$ , 12007-60-2  
Lithium titanate,  $\text{Li}_2\text{TiO}_3$ , 12031-82-2  
Lutetium acetylacetonate,  $\text{LuC}_{15}\text{H}_{21}\text{O}_6$ , 17966-84-6  
Lutetium carbonate hydrate,  $\text{Lu}_2(\text{CO}_3)_3 \cdot \text{H}_2\text{O}$ , 5895-53-4  
Lutetium oxide,  $\text{Lu}_2\text{O}_3$ , 122032-20-1  
Lutetium phosphate,  $\text{LuPO}_4$   
Magnesium arsenide,  $\text{Mg}_3\text{As}_2$ , 12044-49-4  
Magnesium hydroxide,  $\text{Mg}_2(\text{OH})_2$ , 1309-42-8  
Magnesium nitrate hexahydrate,  $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ , 13446-18-9  
Magnesium oxide,  $\text{MgO}$ , 1309-48-4  
Magnesium perchlorate,  $\text{Mg}(\text{ClO}_4)_2$ , 10034-81-8  
Magnesium silicate,  $\text{Mg}_2\text{SiO}_4$ , 1343-88-0  
Magnesium sulfate heptahydrate,  $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ , 10034-99-8  
Magnesium sulfate,  $\text{MgSO}_4$ , 7484-88-9  
Magnesium titanate,  $\text{MgTiO}_3$ , 12032-30-3  
Magnesium tungstate,  $\text{MgWO}_4$ , 13573-11-0  
Manganese carbonate,  $\text{MnCO}_3$ , 598-62-9  
Manganese chloride tetrahydrate,  $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ , 13446-34-9  
Manganese oxide,  $\text{MnO}_2$ , 1313-13-9  
Manganese sulfate hydrate,  $\text{MnSO}_4 \cdot \text{H}_2\text{O}$ , 10034-96-5  
Manganese sulfate,  $\text{MnSO}_4$ , 7785-87-7  
Manganese sulfide,  $\text{MnS}$ , 18820-29-6  
Manganese tungstate,  $\text{MnWO}_4$ , 14177-46-9  
Manganese(II) acetate tetrahydrate,  $\text{Mn}(\text{CH}_3\text{COO})_2 \cdot 4\text{H}_2\text{O}$ , 16674-78-5  
Manganese(II) acetate,  $\text{Mn}(\text{CH}_3\text{CO}_2)_2$ , 638-38-0  
Manganese(V) oxide,  $\text{Mn}_2\text{O}_7$   
Mercuric sulfate,  $\text{HgSO}_4$ , 7783-35-9

Mercury oxide, HgO, 21908-53-2  
Mercury(II) acetate, Hg(CH<sub>3</sub>COO)<sub>2</sub>, 1600-27-7  
Mercury(II) perchlorate trihydrate, 73491-34-6  
Mercury(II) tetrathiocyanatocobaltate, HgCo(CNS)<sub>4</sub>, 27685-51-4  
Methyl ammonium chloride, CH<sub>3</sub>NH<sub>4</sub>.HCl, 593-51-1  
Molybdic acid, 85 MoH<sub>2</sub>O<sub>4</sub>, mostly ammonium dimolybdate, 7782-91-4  
Neodymium carbonate, Nd<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>.xH<sub>2</sub>O, 38245-38-4  
Neodymium cyclohexanebutyrate, Nd(C<sub>10</sub>H<sub>17</sub>O<sub>2</sub>)<sub>3</sub>,  
Neodymium hexafluoroacetylacetonate, NdC<sub>15</sub>H<sub>3</sub>F<sub>18</sub>O<sub>6</sub>.2H<sub>2</sub>O, 47814-18-6  
Neodymium sulfide, Nd<sub>2</sub>S<sub>3</sub>, 12035-32-4  
Neodymium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15492-47-4  
Neodymium(III) trioxide, Nd<sub>2</sub>O<sub>3</sub>, 1313-97-9  
Nickel bis(2,2,6,6-tetramethyl-3,5-heptanedionato), 14481-08-4  
Nickel carbonate basic tetrahydrate, NiCO<sub>3</sub>.2Ni(OH)<sub>2</sub>.4H<sub>2</sub>O, 39430-27-8  
Nickel carbonate, NiCO<sub>3</sub>, 3333-67-3  
Nickel chloride hexahydrate, NiCl<sub>2</sub>.6H<sub>2</sub>O, 7791-20-0  
Nickel nitrate hexahydrate, Ni(NO<sub>3</sub>)<sub>2</sub>.6H<sub>2</sub>O, 13478-00-7  
Nickel oxide black, NiO, 1314-06-3  
Nickel oxide green, NiO, 1313-99-1  
Nickel sulfate hexahydrate, NiSO<sub>4</sub>.6H<sub>2</sub>O, 10101-97-0  
Nickel titanate, NiTiO<sub>3</sub>, 12035-39-1  
Nickel(II) hydroxide, H<sub>2</sub>NiO<sub>2</sub>, 12054-48-7  
Nickel(II) sulfide, NiS, 16812-54-7  
Niobium pentoxide, Nb<sub>2</sub>O<sub>5</sub>, 1313-90-8  
Niobium(V) phenoxide, C<sub>30</sub>H<sub>25</sub>NbO<sub>5</sub>, 16576-63-9  
Palladium hexafluoroacetylacetonate, PdC<sub>10</sub>H<sub>2</sub>F<sub>12</sub>O<sub>4</sub>, 64916-48-9  
Palladium oxalate, PdC<sub>2</sub>O<sub>4</sub>, 57592-57-1  
Palladium(II) acetate, 3375-31-3  
Phosphorus sesquisulfide, 1314-85-8  
Phosphotungstic acid, 12067-99-1  
Piperidine tetrathiotungstate, 56181-21-6  
Platinum acetylacetonate, PtC<sub>10</sub>H<sub>14</sub>O<sub>4</sub>, 15170-57-7  
Platinum hexafluoroacetylacetonate, PtC<sub>10</sub>H<sub>2</sub>F<sub>12</sub>O<sub>4</sub>, 65353-51-7  
Platinum oxide, 1314-15-4  
Potassium bicarbonate, KHCO<sub>3</sub>, 298-14-6  
Potassium bifluoride, KHF<sub>2</sub>, 7789-29-9  
Potassium carbonate, K<sub>2</sub>CO<sub>3</sub>, 584-08-7  
Potassium chlorate, KClO<sub>3</sub>, 3811-04-9  
Potassium chromate, K<sub>2</sub>CrO<sub>4</sub>, 7789005  
Potassium cyanate, KCNO, 590-28-3  
Potassium ferricyanide, K<sub>3</sub>Fe(CN)<sub>6</sub>, 13746-66-2  
Potassium ferrocyanide trihydrate, K<sub>4</sub>Fe(CN)<sub>6</sub>.3H<sub>2</sub>O, 14459-95-1  
Potassium fluoride dihydrate, KF.2H<sub>2</sub>O, 13455215  
Potassium hydroxide, KOH, 1310-58-3  
Potassium iodate, KIO<sub>3</sub>, 7758-05-6  
Potassium molybdate, K<sub>2</sub>MoO<sub>4</sub>, 13446-49-6  
Potassium nitrate, KNO<sub>3</sub>, 7757791

Potassium nitrite,  $\text{KNO}_2$ , 7758-09-0  
Potassium perchlorate,  $\text{KClO}_4$ , 7778-74-7  
Potassium periodate,  $\text{KIO}_4$ , 7790-21-8  
Potassium permanganate,  $\text{KMnO}_4$ , 7722-64-7  
Potassium persulfate,  $\text{K}_2\text{S}_2\text{O}_8$ , 7727-21-1  
Potassium phosphate dibasic,  $\text{K}_2\text{HPO}_4$ , 7758-11-4  
Potassium phosphate monobasic,  $\text{KH}_2\text{PO}_4$ , 7778-77-0  
Potassium phosphate tribasic,  $\text{K}_3\text{PO}_4 \cdot x\text{H}_2\text{O}$ , 7778-53-2  
Potassium phosphate trihydrate, 16788-57-1  
Potassium pyroantimonate,  $\text{SbH}_6\text{KO}_6$ , 12208-13-8  
Potassium pyrosulfate, 7790-62-7  
Potassium sulfate,  $\text{K}_2\text{SO}_4$ , 7778-80-5  
Potassium thiocyanate,  $\text{KSCN}$ , 333-20-0  
Potassium titanium oxalate hydrate,  $\text{K}_2(\text{TiO}(\text{C}_2\text{O}_4)_2) \cdot x\text{H}_2\text{O}$ , 14402-67-6  
Praseodymium oxide,  $\text{Pr}_6\text{O}_{11}$ , 12037-29-5  
Praseodymium phosphate,  $\text{PrPO}_4$ , 14298-31-8  
Praseodymium tris(2,2-dimethyl-6,6,7,7,8,8,8-heptafluoro-3,5-octanedionate),  $\text{Pr}(\text{C}_{10}\text{H}_{10}\text{F}_7\text{O}_2)_3$ , 17978-77-7  
Praseodymium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15492-48-5  
Quartz, 14808-60-7  
Rhenium oxide,  $\text{Re}_2\text{O}_7$ , 1314-68-7  
Rhodium(II) acetate dimer, 15956-28-2  
Rubidium carbonate,  $\text{Rb}_2\text{CO}_3$ , 584-09-9  
Rubidium chromate,  $\text{Rb}_2\text{CrO}_4$ , 13446-72-5  
Rubidium sulfate,  $\text{Rb}_2\text{SO}_4$ , 7488-54-2  
Ruthenium(III) chloride hydrate, 14898-67-0  
Samarium 2,2,6,6-tetramethyl-3,5-heptanedionato, 15492-50-9  
Samarium carbonate hydrate,  $\text{Sm}_2(\text{CO}_3)_3 \cdot \text{H}_2\text{O}$ , 5895-47-6  
Samarium nitrate,  $\text{Sm}(\text{NO}_3)_3$ , 10361-83-8  
Samarium silicide,  $\text{SmSi}_2$ , 12300-22-0  
Samarium(III) oxide,  $\text{Sm}_2\text{O}_3$ , 12060-58-1  
Scandium 2-ethylhexanoate,  $\text{Sc}[\text{OOCCH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9]_3$   
Scandium acetylacetonate,  $\text{ScC}_{15}\text{H}_{21}\text{O}_6$ , 14284-94-7  
Scandium hexafluoroacetylacetonate,  $\text{C}_{15}\text{H}_3\text{F}_6\text{O}_6\text{Sc}$ , 18990-42-6  
Scandium oxide,  $\text{Sc}_2\text{O}_3$ , 12060-08-1  
Scandium phosphate,  $\text{Sc}(\text{PO}_4)_3$   
Scandium trifluoromethanesulfonate,  $\text{ScC}_3\text{F}_9\text{O}_9\text{S}_3$ , 144026-79-9  
Scandium(III) triflate, 144026-76-9  
Selenous acid,  $\text{SeH}_2\text{O}_3$ , 7783-00-8  
Silicic acid,  $\text{SiO}_2 \cdot x\text{H}_2\text{O}$ , 7699-41-4  
Silicon carbide,  $\text{SiC}$ , 409-21-2  
Silver acetate,  $\text{AgC}_2\text{H}_3\text{O}_2$ , 563-63-3  
Silver nitrate,  $\text{AgNO}_3$ , 7761-88-8  
Silver sulfate,  $\text{Ag}_2\text{SO}_4$ , 10294-26-5  
Silver(I) carbonate,  $\text{Ag}_2\text{CO}_3$ , 534-16-7  
Silver(I) diethyldithiocarbamate,  $\text{AgC}_5\text{H}_{10}\text{NS}_2$ , 1470-61-7  
Silver(I) fluoride, 7775-41-9



Silver(I) oxide, Ag<sub>2</sub>O, 20667-12-3  
Sodium acetate trihydrate, CH<sub>3</sub>CO<sub>2</sub>Na, 6131-90-4  
Sodium azide, 26628-22-8  
Sodium azide, NaN<sub>3</sub>, 22628-22-8  
Sodium bicarbonate, NaHCO<sub>3</sub>, 144-55-8  
Sodium bismuthate, BiNaO<sub>3</sub>, 12232-99-4  
Sodium bisulfate, NaHSO<sub>4</sub>, 7681-38-1  
Sodium bisulfite, NaHSO<sub>3</sub>, 7631-90-5  
Sodium borate decahydrate, Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub>·10H<sub>2</sub>O, 1303-96-4  
Sodium borodeuteride, 15681-89-7  
Sodium borohydride, 16940-66-2  
Sodium carbonate hydrate, Na<sub>2</sub>CO<sub>3</sub>·H<sub>2</sub>O, 598-11-6  
Sodium carbonate, Na<sub>2</sub>CO<sub>3</sub>, 497-19-8  
Sodium chlorate, NaClO<sub>3</sub>, 7775-09-9  
Sodium chromate tetrahydrate, Na<sub>2</sub>CrO<sub>4</sub>·4H<sub>2</sub>O, 10034829  
Sodium citrate dihydrate, 6132-04-3  
Sodium cobaltinitrite, NaCo(NO<sub>2</sub>)<sub>6</sub>, 13600-98-1  
Sodium cyanoborohydride, 25895-60-7  
Sodium diethyl dithiocarbamate, C<sub>5</sub>H<sub>10</sub>NNaS<sub>2</sub>·3H<sub>2</sub>O, 20624-25-3  
Sodium diphenylamine sulfonate, C<sub>12</sub>H<sub>10</sub>NNaO<sub>3</sub>S, 6152-67-6  
Sodium formaldehyde sulfoxylate dihydrate, CH<sub>3</sub>NaO<sub>3</sub>S·2H<sub>2</sub>O, 6035-47-8  
Sodium hydrogen arsenate heptahydrate, 10048-95-0  
Sodium hydrogen sulfide, NaHS, 16721-80-5  
Sodium hydroxide, NaOH, 1310-73-2  
Sodium hypophosphite hydrate, H<sub>2</sub>NaO<sub>2</sub>P·H<sub>2</sub>O, 10039-56-2  
Sodium iodate, NaIO<sub>3</sub>, 7681-55-2  
Sodium metaarsenite, NaAsO<sub>2</sub>, 7784-46-5  
Sodium metaarsenite, NaAsO<sub>2</sub>, 7784-46-5  
Sodium metabisulfite, Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>, 7681-57-4  
Sodium metavanadate, NaVO<sub>3</sub>, 13718-26-8  
Sodium molybdate dihydrate, Na<sub>2</sub>MoO<sub>4</sub>·2H<sub>2</sub>O, 10102-40-6  
Sodium molybdate, 7631-95-0  
Sodium nitrate, NaNO<sub>3</sub>, 7631-99-4  
Sodium nitrite, NaNO<sub>2</sub>, 7632-00-0  
Sodium nitroprusside dihydrate, 13755-38-9  
Sodium orthovanadate(V), Na<sub>3</sub>VO<sub>4</sub>, 13721-39-6  
Sodium orthovanadate(V), Na<sub>3</sub>VO<sub>4</sub>, 13721-39-6  
Sodium oxalate, Na<sub>2</sub>C<sub>2</sub>O<sub>4</sub>, 62-76-0  
Sodium periodate, meta, NaIO<sub>4</sub>, 7790-28-5  
Sodium peroxide, Na<sub>2</sub>O<sub>2</sub>, 1313-60-6  
Sodium phosphate dibasic heptahydrate, Na<sub>2</sub>HPO<sub>4</sub>·7H<sub>2</sub>O, 7782-85-6  
Sodium phosphate monobasic hydrate, NaH<sub>2</sub>PO<sub>4</sub>·H<sub>2</sub>O, 10049-21-5  
Sodium phosphate tribasic dodecahydrate, Na<sub>3</sub>PO<sub>4</sub>·12H<sub>2</sub>O, 10101-89-0  
Sodium propionate, CH<sub>3</sub>CH<sub>2</sub>COONa, 137-40-6  
Sodium pyrophosphate decahydrate, Na<sub>4</sub>P<sub>2</sub>O<sub>7</sub>·10H<sub>2</sub>O, 13472-36-1  
Sodium sulfate decahydrate, Na<sub>2</sub>SO<sub>4</sub>·10H<sub>2</sub>O, 7727-73-3  
Sodium sulfate, Na<sub>2</sub>SO<sub>4</sub>, 7757-82-6

Sodium sulfite, Na<sub>2</sub>SO<sub>3</sub>, 7757-83-7  
Sodium tetraborate, B<sub>4</sub>Na<sub>2</sub>O<sub>7</sub>, 1330-43-4  
Sodium thiosulfate pentahydrate, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>·5H<sub>2</sub>O, 10102-17-7  
Sodium thiosulfate, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, 7772-98-7  
Sodium titanate, Na<sub>2</sub>TiO<sub>3</sub>, 12034-34-3  
Sodium triacetoxyborohydride, 56553-60-7  
Sodium tungstate dihydrate, 10213-10-2  
Sodium tungstate, 13472-45-2  
Stannic oxide, SnO<sub>2</sub>, 18282-10-5  
Stannous chloride dihydrate, SnCl<sub>2</sub>·2H<sub>2</sub>O, 10025-69-1  
Stannous sulphate, SnSO<sub>4</sub>, 74885-57-7  
Strontium acetylacetonate, SrC<sub>10</sub>H<sub>14</sub>O<sub>4</sub>·xH<sub>2</sub>O, 12193-47-4  
Strontium chloride hexahydrate, SrCl<sub>2</sub>·6H<sub>2</sub>O, 10025-70-4  
Strontium hydrogen phosphate, SrHPO<sub>4</sub>, 13450-99-2  
Strontium nitrate, Sr(NO<sub>3</sub>)<sub>2</sub>, 10042-76-9  
Strontium oxide, SrO, 1314-11-0  
Strontium sulfate, SrSO<sub>4</sub>, 759-02-6  
Strontium titanate, SrTiO<sub>3</sub>, 1206-05-9  
Strontium titanium oxide, SrTiO<sub>3</sub>, 12060-59-2  
Strontium tungstate, Sr<sub>2</sub>(WO<sub>4</sub>)<sub>2</sub>, 13451-05-3  
Tantalum oxide, Ta<sub>2</sub>O<sub>5</sub>, 1314-61-0  
Tantalum silicate, TaSiO<sub>2</sub>  
Tellurium(IV) oxide, TeO<sub>2</sub>, 7446-07-3  
Terbium acetylacetonate, TbC<sub>15</sub>H<sub>21</sub>O<sub>6</sub>, 14284-95-8  
Terbium hexafluoroacetylacetonate, TbC<sub>10</sub>H<sub>2</sub>F<sub>12</sub>O<sub>4</sub>  
Terbium oxalate, Tb<sub>2</sub>(C<sub>2</sub>O<sub>4</sub>)<sub>3</sub>·10H<sub>2</sub>O, 24670-06-2  
Terbium oxide, O<sub>3</sub>Tb<sub>2</sub>, 12036-41-8  
Terbium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15492-51-0  
Terbium tris(thenoyltrifluoroacetate)  
Terbium(III) carbonate hydrate, Tb<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>·H<sub>2</sub>O, 100587-96-0  
Terbium(III) chloride, 13796-80-2  
Tetrabutylammonium perchlorate, 1923-70-2  
Tetraethoxysilane, Si(OC<sub>2</sub>H<sub>5</sub>)<sub>4</sub>, 78-10-4  
Tetraethylgermane, 597-63-7  
Tetramethylorthosilicate, 681-84-5  
Tetraphenyl arsonium chloride, C<sub>24</sub>H<sub>20</sub>AsCl, 507-28-8  
Thallium(III) acetate, (CH<sub>3</sub>COO)<sub>3</sub>Tl, 2570-63-0  
Thulium acetylacetonate, TmC<sub>15</sub>H<sub>21</sub>O<sub>6</sub>·3H<sub>2</sub>O, 14589-44-7  
Thulium oxide, O<sub>3</sub>Tm<sub>2</sub>, 12036-44-1  
Thulium tris(2,2,6,6-tetramethyl-3,5-heptanedionato), 15631-58-0  
Tin sulfate, SnSO<sub>4</sub>, 7488-55-3  
Tin(II) acetate, Sn(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub>, 638-39-1  
Tin(IV) acetate, Sn(CH<sub>3</sub>CO<sub>2</sub>)<sub>4</sub>, 2800-96-6  
Tin(IV) chloride pentahydrate, SnCl<sub>4</sub>·5H<sub>2</sub>O, 10026-06-9  
Titanium oxide, TiO<sub>2</sub>, 13463-67-7  
Titanium sulfate, Ti(SO<sub>4</sub>)<sub>2</sub>, 27960-69-6  
Titanium(IV) butoxide, Ti(CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>O)<sub>4</sub>, 5593-70-4

Titanium(IV) methoxide,  $\text{Ti}(\text{OCH}_3)_4$ , 992-92-7  
trans-Phenylethenylboronic acid,  $\text{C}_8\text{H}_9\text{BO}_2$ , 6783-05-7  
Tris(ethylenediamine) iron(III) sulfate,  $[\text{Fe}(\text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2)_3]_2(\text{SO}_4)_3$   
Trismethyl(tetradecyl)ammonium bromide, 1119-97-1  
Tungsten hexacarbonyl, 14040-11-0  
Tungsten(VI) oxide,  $\text{WO}_3$ , 1314-35-8  
Tungstic acid,  $\text{H}_2\text{O}_4\text{W}$ , 2148783  
Uranyl acetate, 541-09-3  
Urea,  $(\text{NH}_2)_2\text{CO}$ , 57-13-6  
Vanadium carbide, VC, 12070-10-9  
Vanadium nitride, VN, 24646-85-3  
Vanadium sulfate,  $\text{VSO}_5$ , 27774-13-6  
Vanadyl sulfate,  $\text{O}_5\text{SV}$ , 27774-13-6  
Yttrium acetylacetonate,  $\text{YbC}_{15}\text{H}_{21}\text{O}_6$ , 14284-88-9  
Ytterbium acetylacetonate,  $\text{YbC}_{15}\text{H}_{21}\text{O}_6$ , 14284-88-9  
Ytterbium hexafluoroacetylacetonate,  $\text{YbC}_{15}\text{H}_3\text{F}_{18}\text{O}_6$ , 81849-60-7  
Ytterbium oxide,  $\text{O}_3\text{Yb}_2$ , 1314-37-0  
Ytterbium(III) carbonate,  $\text{Yb}_2\text{C}_3\text{O}_9$ , 5895-52-3  
Yttrium acetate tetrahydrate,  $\text{Y}(\text{CH}_3\text{COO})_3 \cdot 4\text{H}_2\text{O}$ , 23363-14-6  
Yttrium barium copper oxide,  $\text{YBa}_2\text{Cu}_3\text{O}_7$ , 107539-20-8  
Yttrium carbonate,  $\text{C}_3\text{H}_6\text{O}_{12}\text{Y}_2$ , 5970-44-5  
Yttrium oxide,  $\text{Y}_2\text{O}_3$ , 1314-36-9  
Zinc acetate dihydrate,  $\text{Zn}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 2\text{H}_2\text{O}$ , 5970-45-6  
Zinc nitrate hexahydrate,  $\text{Zn}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ , 10196-18-6  
Zinc oxide,  $\text{ZnO}$ , 1314-13-2  
Zinc phosphate,  $\text{Zn}_3(\text{PO}_4)_2$ , 7779-90-0  
Zinc sulfate heptahydrate,  $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ , 7446-20-0  
Zinc sulfide,  $\text{ZnS}$ , 1314-98-3  
Zinc titanate,  $\text{ZnTiO}_3$ , 12036-69-0  
Zinc trifluoromethanesulfonate,  $(\text{CF}_3\text{SO}_3)_2\text{Zn}$ , 54010-75-2  
Zinc tungstate,  $\text{ZnWO}_4$ , 13597-56-3  
Zirconium sulfate,  $\text{Zr}(\text{SO}_4)_2$ , 19696-82-3  
Zirconium(IV) carbonate basic hydrate,  $2\text{ZrO}_2 \cdot \text{CO}_2 \cdot x\text{H}_2\text{O}$ , 13520-92-8