



America's Leading Manufacturer of Engineered and Advanced Material Products

99% 2N 99.9% 3N 99.99% 4N 99.999% 5N 99.9999% 6N

HIGH PURITY AND ULTRA HIGH PURITY METAL AND POWDER

Specializing in High Purity Metal and Powder, American Elements can purify materials that are known to be difficult to refine, but are essential to many high tech applications and research.

32.4 (A)/00.010

American Elements is the world leader in **99%**, **99.9%**, **99.99%**, **99.999%** and **99.9999%** high purity **metal** and powder.

American Elements specializes in preparation and purification of compounds to ultra high purity standards-2N, 3N, 4N, 5N and 6N with parts per million (ppm) and parts per billion (ppb) level impurities certified.

(click on an element to view our products)



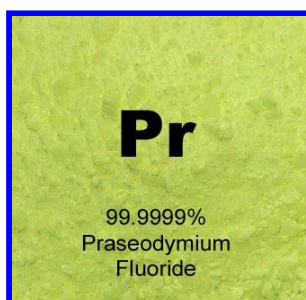
Ru

Managed by Ph. D. level chemists with decades of

high purity
production
experience,
American
Elements can
purify materials
that are known to
be difficult to
refine, but are
essential to many
high tech
applications and
research. These
include most
[metals](#), [oxides](#),
and [fluorides](#), the
entire rare earth
(lanthanide)
series, [cobalt](#),
[europium](#),
[rhenium](#),
[rubidium](#),
[scandium](#), and
others to
99.999% purity.
Also, we can
reach high purity
in forms including
[nanoparticles](#)
and
[nanopowders](#)
(learn more
about

Nanotechnology),
organo-metallics,
sputtering
targets, foil, rod,
pellets and wire
and produce
specialized high
purity materials
for fuel cells and
solar energy
applications.

Rare earth
materials are
often sold at
99.99% purity
when in fact they
are of lower unknown purity
because the testing capability of
Chinese production facilities can
only determine the purity of a
specific rare earth to the other
rare earths in the compound. All
other elements are assumed.
Such producers will represent
purity as RE/TREO. American
Elements represents its
99.999% purity with respect to
all elements on the periodic
table-a significant advantage in
high technology electronics,
optics and pharmacological

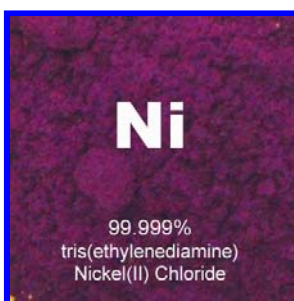


applications.

For example, American Elements can prepare [aluminum chloride](#), [erbium chloride](#) and [ytterbium chloride hydrates](#) with [iron](#) and other transition metals less than 100 ppb. Similar purity levels can be obtained with the other rare earth chlorides.



We produce [palladium metal](#), [palladium nitrate](#), and tetraamminepalladium (II) nitrate of 99.999% purity with levels of the above analytes in the low ppb range.



We have routinely prepared large batches of [barium nitrate](#) in a purity of 99.9999% with the largest impurity being

[strontium](#) at less than .5 ppm. We synthesize [cis-dichlorodiammineplatinum \(II\)](#) in a purity of 99.999% with no other detectable heavy metals.

Among its technical capabilities our high purity production facility includes several large electric muffle furnaces, a tube furnace for hydrogen reduction, 50 gallon glass-lined Pfaudler reactors, all supported by our extensive analytical laboratory including X-ray diffraction, SEM, AA, BET surface area, and ICP Spectrometry for trace metals analysis.

PRODUCT LIST

• [Aluminum: Al](#)

- Scandium-aluminum alloy: Sc-Al
- Yttrium-aluminum alloy: Y-Al
- Aluminum oxide: Al_2O_3
- Aluminum metal: Al
- Aluminum ammonium sulfate: $NH_4Al_2(SO_4)_12 \cdot 2H_2O$
- Aluminum chloride: $Al_2Cl_6 \cdot 3H_2O$
- Aluminum fluoride: $AlF_3 \cdot 3H_2O$
- Aluminum isopropoxide: $(CH_3)_2CHO_3Al$
- Aluminum nitrate : $Al_2(NO_3)_9 \cdot 3H_2O$
- Aluminum phosphate: $AlPO_4$
- Aluminum potassium sulfate: $AlK(SO_4)_12 \cdot 2H_2O$
- Aluminum sulfate: $Al_2(SO_4)_3$

• [Antimony: Sb](#)

- Antimony metal: Sb
- Antimony oxide: Sb_2O_3
- Antimony sulfide: Sb_2S_3
- Antimony Iodide: SbI_3
- Potassium Antimonyl Tartrate: $K(SbO)C_4H_4O_{1/2} \cdot 6H_2O$
- Antimony Polycrystalline Ingot: Sb
- Antimony Polycrystalline Chunk: Sb
- Antimony Targets: Sb

- Antimony Shaped Charge: Sb
- Antimony Selenide Polycrystalline Ingot: Sb_2Se_3
- Antimony Selenide Polycrystalline Chunk: Sb_2Se_3
- Antimony Selenide Targets: Sb_2Se_3
- Antimony Selenide Shaped Charge: Sb_2Se_3
- Antimony Telluride Polycrystalline Ingot: Sb_2Te_3
- Antimony Telluride Polycrystalline Chunk: Sb_2Te_3
- Antimony Telluride Targets: Sb_2Te_3
- Antimony Telluride Shaped Charge: Sb_2Te_3
- **Arsenic: As**
 - Arsenic metal: As
 - Arsenic oxide: As_2O_3
- **Barium: Ba**
 - Barium acetate: $\text{Ba}(\text{C}_2\text{H}_3\text{O}_2)_2$
 - Barium bromide: BaBr_2
 - Barium carbonate: BaCO_3
 - Barium chloride: BaCl_2
 - Barium fluoride: BaF_2
 - Barium hydroxide: $\text{Ba}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$
 - Barium nitrate: $\text{Ba}(\text{NO}_3)_2$
 - Barium sulfate: BaSO_4
- **Beryllium: Be**
 - Beryllium metal: Be
 - Beryllium-copper alloy: Be-Cu
 - Beryllium oxide: BeO

- Beryllium acetate basic: $\text{Be}_4\text{O}(\text{C}_2\text{H}_3\text{O}_2)_6$
- Beryllium nitrate: $\text{Be}(\text{NO}_3)_2$
- Beryllium sulfate: $\text{BeSO}_4 \cdot 4\text{H}_2\text{O}$
- **Bismuth: Bi**
 - Bismuth metal: Bi
 - Bismuth fluoride: BiF_3
 - Bismuth iodide: BiI_3
 - Bismuth nitrate: $\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
 - Bismuth oxide: Bi_2O_3
 - Bismuth oxychloride: BiOCl
 - Bismuth oxynitrate: BiONO_3
 - Bismuth Polycrystalline Ingot: Bi
 - Bismuth Polycrystalline Chunk: Bi
 - Bismuth Targets: Bi
 - Bismuth Shaped Charge: Bi
 - Bismuth Selenide Polycrystalline Ingot: Bi_2Se_3
 - Bismuth Selenide Polycrystalline Chunk: Bi_2Se_3
 - Bismuth Selenide Targets: Bi_2Se_3
 - Bismuth Selenide Shaped Charge: Bi_2Se_3
 - Bismuth Telluride Polycrystalline Ingot: Bi_2Te_3
 - Bismuth Telluride Polycrystalline Chunk: Bi_2Te_3
 - Bismuth Telluride Targets: Bi_2Te_3
 - Bismuth Telluride Shaped Charge: Bi_2Te_3
- **Boron: B**
 - Ferroboron: Fe-B
 - Boron carbide: B₄C

- Boron nitride: BN
- Boric Acid: H_3BO_3
- Boron Phosphate: BPO_4
- Potassium Tetrafluoroborate: KBF_4
- **Cadmium: Cd**
 - Cadmium metal: Cd
 - Cadmium Acetate: $Cd(C_2H_3O_2)_2 \cdot xH_2O$
 - Cadmium Bromide: $CdBr_2$
 - Cadmium Chloride: $CdCl_2$
 - Cadmium Fluoride: CdF_2
 - Cadmium Iodide: CdI_2
 - Cadmium Nitrate: $Cd(NO_3)_2 \cdot 4H_2O$
 - Cadmium Oxide: CdO
 - Cadmium Sulfate: $CdSO_4 \cdot xH_2O$
 - Cadmium Polycrystalline Ingot: Cd
 - Cadmium Polycrystalline Chunk: Cd
 - Cadmium Targets: Cd
 - Cadmium Shaped Charge: Cd
 - Cadmium Telluride Polycrystalline Ingot: CdTe
 - Cadmium Telluride Polycrystalline Chunk: CdTe
 - Cadmium Telluride Targets: CdTe
 - Cadmium Telluride Shaped Charge: CdTe
- **Calcium: Ca**
 - Calcium metal: Ca
 - Calcium-magnesium alloy: Ca-Mg
 - Calcium-aluminum alloy: Ca-Al
 - Calcium-silicon alloy: Ca-Si
 - Calcium hydrate: CaH_2
 - Calcium stabilized zirconia: $CaO + ZrO_2$

- Calcium acetate: $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot x\text{H}_2\text{O}$
- Calcium bromide: $\text{CaBr}_2 \cdot x\text{H}_2\text{O}$
- Calcium carbonate: CaCO_3
- Calcium chloride: $\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$
- Calcium fluoride: CaF_2
- Calcium nitrate: $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
- Calcium oxalate: CaC_2O_4
- Calcium oxide: CaO
- Calcium sulfate: CaSO_4
- **Carbon: C**
 - Graphite: C (Electrode, Powder Crystalline Flake, Amorphous)
 - Boron carbide: B_4C
 - Silicon carbide: SiC
 - Tungsten carbide: WC
- **Cerium: Ce**
 - Cerium metal: Ce
 - Ce-rich mischmetal:
 - Cerium oxide: CeO_2
 - Cerium acetate: $\text{Ce}(\text{C}_2\text{H}_3\text{O}_2)_3$
 - Cerium carbonate: $\text{Ce}_2(\text{CO}_3)_3$
 - Cerium hydrate: $\text{Ce}(\text{OH})_4$
 - Cerium nitrate: $\text{Ce}(\text{NO}_3)_3$
 - Cerium ammonium nitrate: $(\text{NH}_4)_2\text{Ce}(\text{NO}_3)_6$
 - Cerium chloride: CeCl_3
 - Cerium fluoride: CeF_3
 - Cerium 55 concentrate: CeO_2
 - Cerium-Rich rare earth carbonate: $(\text{Ce},\text{La},\text{Nd},\text{Pr})_2(\text{CO}_3)_3$
 - Cerium bromide: CeBr_3

- Cerium oxalate: $\text{Ce}(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
- Cerium sulfate: $\text{Ce}(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Cesium: Cs**
 - Cesium acetate: $\text{CsC}_2\text{H}_3\text{O}_2$
 - Cesium bromide: CsBr
 - Cesium carbonate: Cs_2CO_3
 - Cesium chloride: CsCl
 - Cesium fluoride: CsF
 - Cesium iodide: CsI
 - Cesium nitrate: CsNO_3
 - Cesium sulfate: Cs_2SO_4
- **Chromium: Cr**
 - Chromium metal: Cr
 - Feerochromium: Fe-Cr
 - Chromium silicon alloy: Cr-Si
 - Ammonium dichromate: $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$
 - Chromium chloride: $[\text{Cr}(\text{H}_2\text{O})_4\text{Cl}_2]\text{Cl}_2 \cdot 2\text{H}_2\text{O}$
 - Chromium nitrate: $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
 - Chromium oxide: Cr_2O_3
 - Chromium potassium sulfate: $\text{CrK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
 - Potassium dichromate: $\text{K}_2\text{Cr}_2\text{O}_7$
- **Cobalt: Co**
 - Cobalt metal: Co
 - Samarium-Cobalt Alloys: Co
 - Cobalt oxide: Co_2O_3
 - Cobalt oxalate: $\text{CoC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$
 - Samarium-Cobalt Magnets

- Cobalt acetate: $\text{Co}(\text{C}_2\text{H}_3\text{O}_2)_2$
- Cobalt bromide: CoBr_2
- Cobalt carbonate: $\text{CoCO}_3 \cdot x\text{H}_2\text{O}$
- Cobalt chloride: CoCl_2
- Cobalt fluoride: $\text{CoF}_2 \cdot 4\text{H}_2\text{O}$
- Cobalt nitrate: $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
- Sodium hexanitrocobaltate: $\text{Na}_3\text{Co}(\text{NO}_2)_6$
- **Dysprosium: Dy**
 - Dysprosium metal: Dy
 - Dysprosium oxide: Dy_2O_3
 - Dysprosium fluoride: DyF_3
 - Dysprosium acetate: $\text{Dy}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot 4\text{H}_2\text{O}$
 - Dysprosium bromide: $\text{DyBr}_3 \cdot x\text{H}_2\text{O}$
 - Dysprosium carbonate: $\text{Dy}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Dysprosium chloride: $\text{DyCl}_3 \cdot 6\text{H}_2\text{O}$
 - Dysprosium nitrate: $\text{Dy}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
 - Dysprosium oxalate: $\text{Dy}_2(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
 - Dysprosium sulfate: $\text{Dy}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Erbium: Er**
 - Erbium metal: Er
 - Erbium oxide: Er_2O_3
 - Erbium fluoride: ErF_3
 - Erbium acetate: $\text{Er}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot x\text{H}_2\text{O}$
 - Erbium carbonate: $\text{Er}(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Erbium chloride: $\text{ErCl}_3 \cdot 6\text{H}_2\text{O}$

- Erbium nitrate: $\text{Er}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
- Erbium oxalate: $\text{Er}(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
- Erbium sulfate: $\text{Er}(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Europium: Eu**
 - Europium metal: Eu
 - Europium oxide: Eu_2O_3
 - Europium acetate: $\text{Eu}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot x\text{H}_2\text{O}$
 - Europium carbonate: $\text{Eu}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Europium chloride: $\text{EuCl}_3 \cdot 6\text{H}_2\text{O}$
 - Europium chloride: EuCl_2
 - Europium fluoride: EuF_3
 - Europium nitrate: $\text{Eu}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
 - Europium oxalate: $\text{Eu}_2(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
 - Europium sulfate: $\text{Eu}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Gallium: Ga**
 - Gallium metal: Ga
 - Gallium chloride: GaCl_3
 - Gallium fluoride: GaF_3
 - Gallium nitrate: $\text{Ga}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Gallium oxide: Ga_2O_3
 - Gallium sulfate: $\text{Ga}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
 - Gallium Polyethylene Bottles: GaSb
 - Gallium Antimonide Polycrystalline Ingot: GaSb
 - Gallium Antimonide Polycrystalline Chunk: GaSb
 - Gallium Antimonide Targets: GaSb
 - Gallium Antimonide Shaped Charge: GaSb

- Gallium Antimonide Single Crystal: GaSb
- Gallium Arsenide Polycrystalline Ingot: GaAs
- Gallium Arsenide Polycrystalline Chunk: GaAs
- Gallium Arsenide Targets: GaAs
- Gallium Arsenide Shaped Charge: GaAs
- Gallium Arsenide Single Crystal: GaAs
- Gallium Arsenide Test Grade Wafers: GaAs
- Gallium Indium Antimonide Twinned/Single Crystal
- Gallium Indium Arsenide Twinned/Single Crystal
- Gallium Phosphide Polycrystalline Chunk: GaP
- Gallium(II) Telluride Polycrystalline Ingot: GaTe
- Gallium(II) Telluride Polycrystalline Chunk: GaTe
- Gallium(II) Telluride Targets: GaTe
- Gallium(II) Telluride Shaped Charge: GaTe
- Gallium(II) Telluride Single Crystal: GaTe
- Gallium(III) Telluride Polycrystalline Ingot: Ga_2Te_3
- Gallium(III) Telluride Polycrystalline Chunk: Ga_2Te_3
- Gallium(III) Telluride Targets: Ga_2Te_3
- Gallium(III) Telluride Shaped Charge: Ga_2Te_3
- Gallium(III) Telluride Single Crystal: Ga_2Te_3
- **Gadolinium: Gd**
 - Gadolinium metal: Gd
 - Gadolinium oxide: Gd_2O_3
 - Gadolinium acetate: $\text{Gd}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot x\text{H}_2\text{O}$
 - Gadolinium bromide: $\text{GdBr}_3 \cdot x\text{H}_2\text{O}$
 - Gadolinium carbonate: $\text{Gd}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Gadolinium chloride: $\text{GdCl}_3 \cdot 6\text{H}_2\text{O}$
 - Gadolinium fluoride: GdF_3

- Gadolinium nitrate: $\text{Gd}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
- Gadolinium oxalate: $\text{Gd}_2(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
- Gadolinium sulfate: $\text{Gd}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
- **Germanium Ge**
 - Germanium metal: Ge
 - Germanium oxide: GeO_2
 - Germanium chloride: GeCl_4
 - Ammonium hexafluorogermanate: $(\text{NH}_4)_2\text{GeF}_6$
 - Germanium Polycrystalline Ingot: Ge
 - Germanium Polycrystalline Chunk: Ge
 - Germanium Targets: Ge
 - Germanium Shaped Charge: Ge
 - Germanium Single Crystal: Ge
 - Germanium Telluride Polycrystalline Ingot: GeTe
 - Germanium Telluride Polycrystalline Chunk: GeTe
 - Germanium Telluride Targets: GeTe
 - Germanium Telluride Shaped Charge: GeTe
- **Gold: Au**
 - Gold metal: Au
 - Barium ammonium tetrachloroaurate: $\text{NH}_4\text{AuCl}_4 \cdot x\text{H}_2\text{O}$
 - Gold chloride: AuCl_3
 - Gold cyanide: AuCN
 - Gold hydroxide: $\text{Au}(\text{OH})_3$
 - Gold iodide: AuI
 - Gold sulfide: Au_2S_3
 - Hydrogentetrachloroaurate: $\text{HAuCl}_4 \cdot x\text{H}_2\text{O}$
 - Potassium dicyanoaurate: $\text{KAu}(\text{CN})_2$
 - Potassium tetrabromoaurate: KAuBr_4

- Potassium tetrachloroaurate: KAuCl_4
- Sodium tetrachloroaurate: $\text{NaAuCl}_4 \cdot x\text{H}_2\text{O}$
- Gold Shaped Charge: Au
- Gold Foil: Au
- Gold Sputtering Target: Au
- **Hafnium: Hf**
 - Hafnium oxide: HfO_2
 - Hafnium oxychloride: $\text{HfOCl}_2 \cdot 8\text{H}_2\text{O}$
 - Hafnium sulfate: $\text{Hf}(\text{SO}_4)_2$
- **Holmium: Ho**
 - Holmium metal: Ho
 - Holmium oxide: Ho_2O_3
 - Holmium chloride: HoCl_3
 - Holmium nitrate: $\text{Ho}(\text{NO}_3)_3$
 - Holmium acetate: $\text{Ho}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot x\text{H}_2\text{O}$
 - Holmium bromide: $\text{HoBr}_3 \cdot x\text{H}_2\text{O}$
 - Holmium carbonate: $\text{Ho}(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Holmium fluoride: HoF_3
 - Holmium oxalate: $\text{Ho}(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
 - Holmium sulfate: $\text{Ho}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Indium: In**
 - Indium metal: In
 - Indium oxide: In_2O_3
 - Indium acetate: $\text{In}_2(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot x\text{H}_2\text{O}$
 - Indium bromide: InBr_3
 - Indium chloride: InCl_3

- Indium fluoride: InF_3
- Indium nitrate: $\text{In}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
- Indium sulfate: $\text{In}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
- Indium Ingot: In
- Indium Targets: In
- Indium Shaped Charge: In
- Indium Foil: In
- Indium Antimonide Polycrystalline Ingot: InSb
- Indium Antimonide Polycrystalline Chunk: InSb
- Indium Antimonide Targets: InSb
- Indium Antimonide Shaped Charge: InSb
- Indium Antimonide Single Crystal: InSb
- Indium Arsenide Polycrystalline Ingot: InAs
- Indium Arsenide Polycrystalline Chunk: InAs
- Indium Arsenide Targets: InAs
- Indium Arsenide Shaped Charge: InAs
- Indium Arsenide Single Crystal Ingot: InAs
- Indium Phosphide Polycrystalline Ingot: InP
- Indium Phosphide Polycrystalline Chunk: InP
- Indium Phosphide Targets: InP
- Indium Phosphide Shaped Charge: InP
- Indium Phosphide Single Crystal Ingot: InP
- Indium Phosphide Wafers: InP
- Indium Phosphide Arsenide Twinned/Single
- Indium Phosphide Arsenide Crystal
- Indium Selenide Polycrystalline Ingot: In_2Se_3
- Indium Selenide Polycrystalline Chunk: In_2Se_3
- Indium Selenide Targets: In_2Se_3
- Indium Selenide Shaped Charge: In_2Se_3
- Indium Sulfide Polycrystalline Ingot: In_2S_3

- Indium Sulfide Polycrystalline Chunk: In_2S_3
- Indium Sulfide Targets: In_2S_3
- Indium Sulfide Shaped Charge: In_2S_3
- Indium Telluride Polycrystalline Ingot: In_2Te_3
- Indium Telluride Polycrystalline Chunk: In_2Te_3
- Indium Telluride Targets: In_2Te_3
- Indium Telluride Shaped Charge: In_2Te_3
- **Iodine: I**
 - Iodine acid: HIO_3
 - Iodine oxide: I_2O_5
 - Periodic acid: H_5IO_3
- **Iridium: Ir**
 - Iridium metal: Ir
 - Ammonium hexachloroiridate: $(\text{NH}_4)_3\text{IrCl}_6$
 - Iridium chloride: $\text{IrCl}_3 \cdot x\text{H}_2\text{O}$
 - Iridium oxide: IrO_2
 - Potassium hexachloroiridate: K_2IrCl_6
- **Iron: Fe**
 - Iron metal: Fe
 - Ammonium trisoxaltoferrate: $(\text{NH}_4)_3\text{Fe}(\text{C}_2\text{O}_4)_3 \cdot 3\text{H}_2\text{O}$
 - Ammonium iron sulfate: $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
 - Iron chloride: $\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$
 - Iron fluoride: $\text{FeF}_2 \cdot 4\text{H}_2\text{O}$
 - Iron nitrate: $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$

- Iron oxide: Fe_2O_3
- Iron sulfate: $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
- Potassium ferrocyanide hydrate: $\text{K}_4\text{Fe}(\text{CN})_6 \cdot x\text{H}_2\text{O}$
- Ferroboron: Fe-B
- Ferrochromium: Fe-Cr
- Ferromanganese: Fe-Mn
- Ferromolybdenum: Fe-Mo
- Ferrosilicon: Fe-Si
- Ferrovanadium: Fe-V
- Ferrotungsten: Fe-W
- **Lanthanum: La**
 - Lanthanum metal: La
 - La-rich mischmetal
 - Lanthanum oxide: La_2O_3
 - Lanthanum acetate: $\text{La}(\text{C}_2\text{H}_3\text{O}_2)_3$
 - Lanthanum bromide: $\text{LaBr}_3 \cdot x\text{H}_2\text{O}$
 - Lanthanum carbonate: $\text{La}_2(\text{CO}_3)_3$
 - La-rich rare earth carbonate
 - Lanthanum nitrate $\text{La}(\text{NO}_3)_3$
 - Lanthanum chloride: LaCl_3
 - Lanthanum fluoride: LaF_3
 - Lanthunum-rich lanthanide chloride: $(\text{Ln},\text{La})\text{Cl}_3$
 - Lanthanum-rich lanthanide nitrate: $(\text{Ln},\text{La})(\text{NO}_3)_3$
 - Lanthanum sulfate: $\text{La}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
- **Lithium: Li**
 - Lithium metal: Li
 - Lithium chloride: LiCl
 - Lithium carbonate: Li_2CO_3
 - Lithium hydroxide: $\text{LiOH} \cdot \text{H}_2\text{O}$
 - Lithium acetate: $\text{Li}_2\text{C}_2\text{H}_3\text{O}_2 \cdot 2\text{H}_2\text{O}$

- Lithium bromide: LiBr
- Lithium fluoride: LiF
- Lithium nitrate: LiNO_3
- Lithium sulfate: Li_2SO_4
- **Lutetium: Lu**
 - Lutetium metal: Lu
 - Lutetium oxide: Lu_2O_3
 - Lutetium acetate: $\text{Lu}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot x\text{H}_2\text{O}$
 - Lutetium carbonate: $\text{Lu}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Lutetium chloride: $\text{LuCl}_3 \cdot 6\text{H}_2\text{O}$
 - Lutetium fluoride: LuF_3
 - Lutetium nitrate: $\text{Lu}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$
 - Lutetium sulfate: $\text{Lu}(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Magnesium: Mg**
 - Magnesium metals: Mg
 - Magnesium oxide: MgO
 - Fused magnesite
 - Caustic calcined magnesite
 - Dead burned magnesite
 - Magnesium aluminate spinel
 - Magnesium acetate: $\text{Mg}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 4\text{H}_2\text{O}$
 - Magnesium bromide: $\text{MgBr}_2 \cdot 6\text{H}_2\text{O}$
 - Magnesium chloride: $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$
 - Magnesium fluoride: MgF_2
 - Magnesium nitrate: $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
 - Magnesium sulfate: MgSO_4
- **Manganese: Mn**

- Manganese metal: Mn
- Ferromanganese: Fe-Mn
- Manganese oxide: MnO₂
- Manganese carbonate: MnCO₃
- Manganese acetate: Mn(CH₃COO)₂·4H₂O
- Manganese nitrate: Mn(NO₃)₂
- Manganese bromide: MnBr₂·4H₂O
- Manganese chloride: MnCl₂·4H₂O
- Manganese sulfate: MnSO₄·xH₂O
- **Molybdenum: Mo**
 - Molybdenum metal: Mo
 - Molybdenum oxide: MoO₃
 - Ferromolybdenum: Fe-Mo
 - Sodium molybdenum oxide: Na₂MoO₄·2H₂O
 - Ammonium molybdate: (NH₄)₂Mo₂O₇
 - Sodium molybdenum: NaMoO₄·2H₂O
- **Neodymium: Nd**
 - Neodymium metal: Nd
 - Neodymium oxide: Nd₂O₃
 - Neodymium acetate: Nd(C₂H₃O₂)₃
 - Neodymium carbonate: Nd₂(CO₃)₃
 - Neodymium hydrate: Nd(OH)₃
 - Neodymium nitrate: Nd(NO₃)₃
 - Neodymium chloride: NdCl₃
 - Neodymium fluoride: NdF₃
 - Neodymium oxalate: Nd₂(C₂O₄)₃·xH₂O
 - Neodymium sulfate: Nd₂(SO₄)₃·8H₂O
- **Nickel: Ni**
 - Nickel metal: Ni

- Nickel oxide: NiO
- Ammonium nickel sulfate: $(\text{NH}_4)_2\text{Ni}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
- Hexaamminenickel bromide: $\{\text{Ni}(\text{NH}_3)_6\}\text{Br}_2$
- Hexaamminenickel chloride: $\{\text{Ni}(\text{NH}_3)_6\}\text{Cl}_2$
- Hexaamminenickel iodide: $\{\text{Ni}(\text{NH}_3)_6\}\text{I}_2$
- Nickel acetate: $\text{Ni}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 4\text{H}_2\text{O}$
- Nickel bromide anhydrous: NiBr_2
- Nickel carbonate: NiCO_3
- Nickel chloride: NiCl_2
- Nickel nitrate: $\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
- Nickel oxalate: $\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$
- Nickel sulfate: $\text{NiSO}_4 \cdot 7\text{H}_2\text{O}$
- Potassium tetracyanonickelate: $\text{K}_2\text{Ni}(\text{CN})_4 \cdot x\text{H}_2\text{O}$
- **Niobium: Nb**
 - Niobium metal: Nb
 - Niobium oxide: Nb_2O_5
 - Ammonium hexafluoroniobate: $\text{NH}_4\text{Nb}_2\text{F}_5$
- **Osmium: Os**
 - Ammonium hexachloroosmate: $(\text{NH}_4)_2\text{OsCl}_6$
- **Palladium: Pd**
 - Palladium metal: Pd
 - Ammonium hexachloropalladate: $(\text{NH}_4)_2\text{PdCl}_6$
 - Trans-Diamminedichloropalladium: $\text{Pd}(\text{NH}_3)_2\text{Cl}_2$
 - Trans-Diamminedinitropalladium: $\text{Pd}(\text{NH}_3)_2(\text{NO}_2)_2$

- Palladium bromide: PdBr_2
- Palladium chloride: PdCl_2
- Palladium iodide: PdI_2
- Palladium nitrate: $\text{Pd}(\text{NO}_3)_2$
- Palladium oxide: PdO
- Potassium hexachloropalladate: K_2PdCl_6
- Potassium tetrabromopalladate: K_2PdBr_4
- Potassium tetranitropalladate: $\text{K}_2\text{Pd}(\text{NO}_2)_4$
- Tetraamminepalladium chloride: $[\text{Pd}(\text{NH}_3)_4]\text{Cl}_2 \cdot \text{H}_2\text{O}$
- Tetraamminepalladium nitrate: $[\text{Pd}(\text{NH}_3)_4](\text{NO}_3)_2$
- **Phosphor** also see Y_2O_3 , Eu_2O_3 , Gd_2O_3 , and Tb_2O_3 .
 - Phosphor for trichromatic lamp: (Blue, Red, Green)
 - Phosphor for color TV screen: (Blue, Red, Green)
- **Platinum: Pt**
 - Platinum metal: Pt
 - Ammonium hexabromoplatinate: $(\text{NH}_4)_2\text{PtBr}_6$
 - Ammonium hexachloroplatinate: $(\text{NH}_4)_2\text{PtCl}_6$
 - Cis-diaamminedichloroplatinum: $\text{Pt}(\text{NH}_3)_2\text{Cl}_2$
 - Trans-diaamminedichloroplatinum: $\text{Pt}(\text{NH}_3)_2\text{Cl}_2$
 - Trans-diaamminedinitroplatinum: $\text{Pt}(\text{NH}_3)_2(\text{NO}_2)_2$
 - Platinum chloride: PtCl_2
 - Platinum oxide hydrate: PtO_2
 - Platinum sulfide: PtS_2
 - Tetraammineplatinum chloride: $[\text{Pt}(\text{NH}_3)_4]\text{Cl}_2 \cdot x\text{H}_2\text{O}$

- Tetraammineplatinum nitrate: $\text{Pt}(\text{NH}_3)_4(\text{NO}_3)_2 \cdot x\text{H}_2\text{O}$
- Tetraammineplatinum tetrachloroplatinate: $[\text{Pt}(\text{NH}_3)_4][\text{PtCl}_4]$
- **Potassium: K**
 - Potassium hexabromoplatinate: K_2PtBr_6
 - Potassium hexachloroplatinate: K_2PtCl_6
 - Potassium tetrabromoplatinate: K_2PtBr_4
 - Potassium tetrachloroplatinate: K_2PtCl_4
 - Potassium tetracyanoplatinate: $\text{K}_2\text{Pt}(\text{CN})_4$
 - Potassium acetate: $\text{KC}_2\text{H}_3\text{O}_2$
 - Potassium bromide: KBr
 - Potassium carbonate: K_2CO_3
 - Potassium chloride: KCl
 - Potassium dihydrogen phosphate: KH_2PO_4
 - Potassium fluoride: KF
 - Potassium iodide: KI
 - Potassium nitrate: KNO_3
 - Potassium oxalate: $\text{K}_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$
 - Potassium perchlorate: KClO_4
 - Potassium periodate: KIO_4
 - Potassium persulfate: $\text{K}_2\text{S}_2\text{O}_8$
 - Potassium sulfate: K_2SO_4
- **Praseodymium: Pr**
 - Praseodymium metal: Pr
 - Praseodymium oxide: Pr_6O_{11}
 - Praseodymium fluoride: PrF_3

- Praseodymium acetate: $\text{Pr}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot 3\text{H}_2\text{O}$
- Praseodymium bromide: PrBr_3
- Praseodymium carbonate: $\text{Pr}_2(\text{CO}_3)_3 \cdot 8\text{H}_2\text{O}$
- Praseodymium chloride: $\text{PrCl}_3 \cdot 7\text{H}_2\text{O}$
- Praseodymium nitrate: $\text{Pr}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
- Praseodymium oxalate: $\text{Pr}_2(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
- Praseodymium sulfate: $\text{Pr}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
- **Rhenium: Re**
 - Rhenium metal: Re
 - Ammonium perrhenate: NH_4ReO_4
 - Perrhenic acid: HReO_4
 - Potassium hexabromorhenate: K_2ReBr_6
 - Potassium hexachlororhenate: K_2ReCl_6
 - Rhenium sulfide: Re_2S_7
- **Rhodium: Rh**
 - Rhodium metal: Rh
 - Ammonium hexachlororhodate: $(\text{NH}_4)_3\text{RhCl}_6$
 - Chlorocarbonylbis(triphenylphosphine)rhodium: $[\text{RhCl}(\text{CO})((\text{C}_6\text{H}_5)_3\text{P})_2]$
 - Chlorotris(triphenylphosphine)rhodium: $[\text{RhCl}(\text{C}_6\text{H}_5)_3\text{P}]_3$
 - Chloropentaamminerhodium chloride: $[\text{Rh}(\text{NH}_3)_5\text{Cl}]\text{Cl}_2$
 - Potassium hexachlororhodate: K_3RhCl_6
 - Rhodium acetylacetonate: $\text{Rh}(\text{C}_5\text{H}_7\text{O}_2)_3$
 - Rhodium chloride: $\text{RhCl}_3 \cdot x\text{H}_2\text{O}$

- Rhodium oxide: Rh_2O_3
- Sodium hexachlororhodate: Na_3RhCl_6
- **Rubidium: Rb**
 - Rubidium bromide: RbBr
 - Rubidium chloride: RbCl
 - Rubidium nitrate: RbNO_3
 - Rubidium perchlorate: RbClO_4
 - Rubidium sulfate: Rb_2SO_4
- **Ruthenium: Ru**
 - Ruthenium metal: Ru
 - Ammonium hexachlororuthenate: $(\text{NH}_4)_2\text{RuCl}_6$
 - Dichlorotris(triphenylphosphine)ruthenium: $[\text{RuCl}_2((\text{C}_6\text{H}_5)_3\text{P})_3]$
 - Hexaammineruthenium chloride: $\{\text{Ru}(\text{NH}_3)_6\}\text{Cl}_2$
 - Potassium hexachlororuthenate: K_2RuCl_6
 - Ruthenium chloride: $\text{RuCl}_3 \cdot x\text{H}_2\text{O}$
 - Ruthenium oxide: $\text{RuO}_2 \cdot x\text{H}_2\text{O}$
- **Samarium: Sm**
 - Samarium metal: Sm
 - Samarium-cobalt alloy: Sm-Co
 - Samarium oxide: Sm_2O_3
 - Samarium acetate: $\text{Sm}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot 3\text{H}_2\text{O}$
 - Samarium bromide: $\text{SmBr}_3 \cdot 6\text{H}_2\text{O}$
 - Samarium carbonate: $\text{Sm}_2(\text{CO}_3)_2 \cdot x\text{H}_2\text{O}$
 - Samarium chloride: $\text{SmCl}_3 \cdot 6\text{H}_2\text{O}$

- Samarium fluoride: SmF_3
- Samarium nitrate: $\text{Sm}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
- Samarium oxalate: $\text{Sm}_2(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$
- Samarium sulfate: $\text{Sm}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Scandium: Sc**
 - Scandium metal: Sc
 - Scandium-aluminum alloy: Al-Sc
 - Scandium oxide: Sc_2O_3
 - Scandium acetate: $\text{Sc}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot x\text{H}_2\text{O}$
 - Scandium chloride: $\text{ScCl}_3 \cdot x\text{H}_2\text{O}$
 - Scandium fluoride: ScF_3
 - Scandium nitrate: $\text{Sc}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
 - Scandium oxalate: $\text{Sc}(\text{C}_2\text{O}_4)_3 \cdot 5\text{H}_2\text{O}$
 - Scandium sulfate: $\text{Sc}_2(\text{SO}_4)_3 \cdot 5\text{H}_2\text{O}$
- **Selenium: Se**
 - Selenium metal: Se
 - Selenious acid: H_2SeO_3
 - Selenium dioxide: SeO_2
- **Silicon: Si**
 - Silicon metal: Si (monocrystal, polycrystal)
 - Silicon Carbide: SiC
 - Ferrosilicon: Fe-Si
 - Calcium-silicon alloy: Ca-Si
 - Chromium-silicon alloy: Cr-Si
 - Silicon oxide: SiO_2
 - Silicon Polycrystalline Ingot: Si
 - Silicon Polycrystalline Chunk: Si

- Silicon Targets: Si
- Silicon Shaped Charge: Si
- Silicon Cylinders: Si
- Silicon Wafers: Si
- Silicon Arsenide Polycrystalline Ingot: SiAs
- Silicon Arsenide Polycrystalline Chunk: SiAs
- Silicon Phosphide Polycrystalline Ingot: SiP
- Silicon Phosphide Polycrystalline Chunk: SiP
- **Silver: Ag**
 - Silver acetate: $\text{AgC}_2\text{H}_3\text{O}_2$
 - Silver bromide: AgBr
 - Silver carbonate: Ag_2CO_3
 - Silver chloride: AgCl
 - Silver fluoride: AgF
 - Silver iodide: AgI
 - Silver nitrate: AgNO_3
 - Silver oxide: Ag_2O
 - Silver perrhenate: AgReO_4
 - Silver phosphate: Ag_3PO_4
 - Silver sulfate: Ag_2SO_4
 - Silver thiocyanate: AgSCN
 - Potassium dicyanoargentate: $\text{KAg}(\text{CN})_2$
- **Sodium: Na**
 - Sodium acetate: $\text{NaC}_2\text{H}_3\text{O}_2$
 - Sodium bromide: NaBr
 - Sodium carbonate: Na_2CO_3
 - Sodium chloride: NaCl
 - Sodium dihydrogen phosphate: NaH_2PO_4

- Sodium fluoride: NaF
- Sodium hydrogen sulfate: NaHSO₄
- Sodium nitrate: NaNO₃
- Sodium oxalate: Na₂CO₄
- Sodium sulfate: NaSO₄
- **Strontium: Sr**
 - Strontium acetate: Sr(C₂H₃O₂)₂
 - Strontium bromide: SrBr₂
 - Strontium carbonate: SrCO₃
 - Strontium chloride: SrCl₂·6H₂O
 - Strontium fluoride: SrF₂
 - Strontium nitrate: Sr(NO₃)₂
 - Strontium sulfate: SrSO₄
- **Tantalum: Ta**
 - Tantalum metal: Ta
 - Tantalum oxide: Ta₂O₅
 - Potassium tantal fluoride: K₂TaF₇
- **Tellurium: Te**
 - Tellurium metal: Te
 - Tellurium oxide: TeO₂
 - Tellurium Polycrystalline Chunk: Te
 - Tellurium Shaped Charge: Te
- **Terbium: Tb**
 - Terbium metal: Tb
 - Terbium oxide: Tb₄O₇
 - Terbium acetate: Tb(C₂H₃O₂)₃·xH₂O
 - Terbium bromide: TbBr₂·xH₂O

- Terbium carbonate: $Tb_2(CO_3)_3 \cdot xH_2O$
- Terbium chloride: $TbCl_3 \cdot 6H_2O$
- Terbium fluoride: TbF_3
- Terbium nitrate: $Tb(NO_3)_3 \cdot 6H_2O$
- Terbium oxalate: $Tb(C_2O_4)_3 \cdot 10H_2O$
- Terbium sulfate: $Tb_2(SO_4)_3 \cdot 8H_2O$
- **Thallium: Tl**
 - Thallium acetate: $TlC_2H_3O_2$
 - Thallium bromide: $TlBr$
 - Thallium chloride: $TlCl$
 - Thallium iodide: TlI
 - Thallium nitrate: $TlNO_3$
 - Thallium sulfate: Tl_2SO_4
- **Thorium: Th**
 - Thorium metal: Th
 - Thorium nitrate: $Th(NO_3)_4 \cdot xH_2O$
 - Thorium oxide: ThO_2
- **Thulium: Tm**
 - Thulium metal: Tm
 - Thulium oxide: Tm_2O_3
 - Thulium acetate: $Tm(C_2H_3O_2)_3 \cdot xH_2O$
 - Thulium bromide: $TmBr_3$
 - Thulium carbonate: $Tm_2(CO_3)_3 \cdot xH_2O$
 - Thulium chloride: $TmCl_3 \cdot 6H_2O$
 - Thulium fluoride: TmF_3

- Thulium nitrate: $\text{Tm}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
- Thulium oxalate: $\text{Tm}(\text{C}_2\text{O}_4)_3 \cdot 6\text{H}_2\text{O}$
- Thulium sulfate: $\text{Tm}(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
- **Tin: Sn**
 - Tin metal: Sn (Ingot, Solder)
 - Tin oxide: SnO_2
 - Tin chloride: SnCl_2
 - Ammonium hexafluorostannate: $(\text{NH}_4)_2\text{SnF}_6$
 - Tin Ingot: Sn
 - Tin Chunk: Sn
 - Tin Shaped Charge: Sn
 - Tin Arsenide Polycrystalline Chunk: SnAs
 - Tin Selenide Polycrystalline Ingot: SnSe
 - Tin Selenide Polycrystalline Chunk: SnSe
 - Tin Selenide Targets: SnSe
 - Tin Selenide Shaped Charge: SnSe
 - Tin Telluride Polycrystalline Ingot: SnTe
 - Tin Telluride Polycrystalline Chunk: SnTe
 - Tin Telluride Targets: SnTe
 - Tin Telluride Shaped Charge: SnTe
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- **Titanium: Ti**
 - Titanium metal: Ti
 - Titanium oxide: TiO_2
 - Ammonium hexafluorotitanate: $(\text{NH}_4)_2\text{TiF}_6$
 - Ammonium titanyl oxalate: $(\text{NH}_4)_2\text{TiO}(\text{C}_2\text{O}_4)_2 \cdot \text{H}_2\text{O}$
- **Tungsten: W**
 - Tungsten metal: W
 - Ferrotungsten: Fe-W
 - Tungsten carbide: WC

- Tungsten oxide: WO_3
- Ammonium tetrathiotungstate: $(NH_4)_2WS_4$
- Ammonium tungstate: $(NH_4)_2WO_4$
- Sodium tungstate: $NH_2WO_4 \cdot 2H_2O$
- **Vanadium: V**
 - Ferrovandium: Fe-V
 - Vanadium oxide: V_2O_5
 - Ammonium metavanadate: NH_4VO_3
 - Potassium metavanadate: KVO_3
 - Vanadyl sulfate: $VOSO_4 \cdot xH_2O$
- **Ytterbium: Yb**
 - Ytterbium metal: Yb
 - Ytterbium oxide: Yb_2O_3
 - Ytterbium acetate: $Yb(C_2H_3O_2)_2 \cdot 4H_2O$
 - Ytterbium bromide: $YbBr_3 \cdot 6H_2O$
 - Ytterbium carbonate: $Yb_2(CO_3)_3 \cdot xH_2O$
 - Ytterbium chloride: $YbCl_3 \cdot 6H_2O$
 - Ytterbium fluoride: YbF_3
 - Ytterbium nitrate: $Yb_2(NO_3)_3 \cdot 5H_2O$
 - Ytterbium oxalate: $Yb_2(C_2O_4)_3 \cdot 10H_2O$
 - Ytterbium sulfate: $Yb_2(SO_4)_3 \cdot 8H_2O$
- **Yttrium: Y**
 - Yttrium metal: Y
 - Yttrium-aluminum alloy: Y-Al
 - Yttrium oxide: Y_2O_3
 - Yttrium stabilized zirconia: $Y_2O_3 + ZrO_2$

- Yttrium nitrate
- Yttrium chloride
- Yttrium acetate: $Y(C_2H_3O_2)_3 \cdot 4H_2O$
- Yttrium carbonate: $Y_2(CO_3)_3 \cdot 3H_2O$
- Yttrium fluoride: YF_3
- Yttrium oxalate: $Y_2(C_2O_4)_3 \cdot 9H_2O$
- Yttrium sulfate: $Y(SO_4)_3 \cdot 8H_2O$
- **Zinc: Zn**
 - Zinc metal: Zn
 - Zinc oxide: ZnO
 - Zinc acetate: $Zn(OAC)_2 \cdot xH_2O$
 - Zinc bromide: $ZnBr_2$
 - Zinc chloride: $ZnCl_2$
 - Zinc fluoride: ZnF_2
 - Zinc iodide: ZnI_2
 - Zinc nitrate: $Zn(NO_3)_2 \cdot 6H_2O$
 - Zinc sulfate: $ZnSO_4$
 - Zinc Ingot: Zn
 - Zinc Chunk: Zn
 - Zinc Shaped Charge: Zn
 - Zinc Telluride Polycrystalline Ingot: ZnTe
 - Zinc Telluride Polycrystalline Chunk: ZnTe
 - Zinc Telluride Targets: ZnTe
 - Zinc Telluride Shaped Charge: ZnT



