

Ag	Silver
Al ₂ O ₃	Aluminum oxide, Sapphire
Al ₂ (SO ₄) ₃	Aluminum sulfate, Alum
AlPO ₄	Berlinite
AlPO ₄ •2H ₂ O	Variscite
Am	Americium
Ar	Argon
As	Arsenic
AsO ₄ ³⁻	Arsenate
Au	Gold
B	Boron
Ba	Barium
BaSO ₄	Barite
BaTiO ₃	Barium titanate
Be	Beryllium
B(OH) ₄ ⁻	Borhydrate
Br	Bromine
Br ⁻	Bromide
C	Carbon
Ca	Calcium
CaCN ₂	Calcium cyanamide
CaCO ₃	Calcite, Calcium carbonate, lime, limestone
CaHPO ₄	Monetite

$\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$	Brushite
$\text{Ca}_8\text{H}(\text{PO}_4)_6$	Calcium phosphate
$\text{CaMg}(\text{CO}_3)_2$	Dolomite
$\text{Ca}(\text{NO}_3)_2$	Calcium nitrate
$\text{Ca}_5\text{OH}(\text{PO}_4)_3$	Hydroxyapatite
CaSO_4	Gypsum
CCl_4	Carbon tetrachloride
C_2Cl_4	Perchloroethylene (PCE)
Cd	Cadmium
Ce	Cerium
CHCl_3	Chloroform
CH_3OH	Methanol
C_2H_2	Acetylene
$\text{C}_2\text{H}_2\text{O}_2$	Formic acid
$\text{C}_2\text{H}_2\text{O}_4$	Oxalic acid
$\text{C}_2\text{H}_4\text{O}_2$	Acetic acid
C_2H_4	Ethene
C_2H_6	Ethane
C_2HCl_3	Trichloroethylene (TCE)
C_3H_8	Propane
C_6H_6	Benzene
C_6HOCl_5	Pentachlorophenol (PCP)
C_7H_8	Toluene

C_8H_{10}	Ethylbenzene
C_8H_{11}	O, M, P xylenes
$C_8H_{14}N_5Cl$	Atrazine
C_8H_{18}	N-octanol
$C_{12}H_{10}$	Biphenyl
$C_{14}H_{10}$	Anthracene
CH_4	Methane
CH_3OH	Methanol
CH_3COOH	Acetic acid
$(CH_3)_2S$	Dimethylsulfide
CH_3SH	Methylmercaptan
Cl	Chlorine
Cl^-	Chloride
$ClONO_2$	Chlorine nitrate
CN^-	Cyanide
Co	Cobalt
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_3^{2-}	Carbonate
COS	Carbonyl sulfide
Cr	Chromium
CrO_4^{2-}	Chromate
Cr_2O_7	Dichromate

Cs	Cesium
CS ₂	Carbon disulfide
Cu	Copper
CuFeS ₂	Chalcopyrite
CuO	Tenorite
CuS	Covellite
D	Diamond
F	Fluorine
F ⁻	Fluoride
Fe	Iron
FeAsS	Arsenopyrite
Fe ₃ C	Cementite
Fe ₃ (PO ₄) ₂ •8H ₂ O	Vivianite
Fe ₆ (PO ₄) ₄ (OH) ₆ •7H ₂ O	Tinticite
FePO ₄ •2H ₂ O	Strengite
FeS ₂	Pyrite, iron sulfide, marcasite
Fe _x S _x	Pyrrhotite
FeSO ₄	Iron sulfate
Fe ₂ (SO ₄) ₃ •5H ₂ O	Coquinbite
H	Hydrogen
H ₃ BO ₃	Boric acid
HCl	Hydrochloric acid
HCN	Cyanide

HCO_x	Bicarbonate
H_2CO_3	Carbonic acid
He	Helium
Hg	Mercury
$\text{Hg}(\text{CH}_3)_2$	Methylmercury
$\text{Hg}(\text{NO}_3)_2$	Mercuric nitrate
$\text{H}_6\text{K}_3\text{Al}_5(\text{PO}_4)_8 \cdot 18\text{H}_2\text{O}$	Tarakanite
HNO_3	Nitric acid
H_2O_2	Hydrogen peroxide
HOCl	Hypochlorous acid
H_3PO_4	Phosphoric acid
H_2S	Hydrogen sulfide
H_2SO_3	Sulfurous acid
H_2SO_4	Sulfuric acid
I	Iodine
I^-	Iodide
K	Potassium
$\text{KFe}_3(\text{SO}_4)_2(\text{OH})_6$	Jarosite
KNO_3	Potassium nitrate
Kr	Krypton
K_2SO_4	Potassium sulfate
Mg	Magnesium
Mn	Manganese

Mo	Molybdenum
MoO_4^{2-}	Molybdate
MoS_2	Molybdenum disulfide
N	Nitrogen
Na	Sodium
NaCl	Sodium chloride (salt)
NaCN	Sodium cyanide
NaBH_4	Sodium borohydride
NaHSO_3	Sodium bisulfite
$\text{Na}_2\text{S}_2\text{O}_4$	Sodium dithionite (hydrosulfite)
Na_2SO_3	Sodium sulfite
NaSO_4	Sodium sulfide
$\text{Na}_2\text{S}_2\text{O}_5$	Sodium metabisulfite
Ne	Neon
$(\text{NH}_2)_2\text{CO}$	Urea
NH_2OH	Hydroxylamine
NH_3	Ammonia
NH_4^+	Ammonium
$\text{NH}_4\text{H}_2\text{PO}_4$	Monoammonium phosphate (MAP)
$(\text{NH}_4)_2\text{HPO}_4$	Diammonium phosphate (DAP)
NH_4NO_3	Ammonium nitrate
$(\text{NH}_4)_2\text{SO}_4$	Ammonium sulfate
Ni	Nickel

NiS	Millerite
N ₂ O	Nitrous oxide
NO	Nitrogen oxide
NO ₂	Nitrite
NO ₃ ⁻	Nitrate
O ₂	Oxygen
O ₃	Ozone
OH ⁻	Hydroxyl
P	Phosphorus
PO ₄ ³⁻	Phosphate
Pb	Lead
PbMoO ₄	Wulfenite
Pb ₅ (PO ₄) ₃ OH	Hydroxypyromorphite
PbS	Galena
Pu	Plutonium
Ra	Radium
Rn	Radon
Ru	Ruthenium
S	Sulfur
Sb	Antimony
Se	Selenium
SeO ₃ ²⁻	Selenite
SeO ₄ ²⁻	Selenate

SF ₆	Sulfur hexafluoride
SiN ₄	Silicon nitride
SiO ₂	Quartz
Sn	Tin
SO ₂	Sulfur dioxide
SO ₃	Sulfites
SO ₄ ²⁻	Sulfate
Sr	Strontium
SrSO ₄	Celestite
Te	Tellurium
Th	Thorium
TiC	Titanium carbide
TiCN	Titanium carbonitride
TiN	Titanium nitride
U	Uranium
V	Vanadium
Y ₂ O ₃	Yttrium oxide
Zn	Zinc
ZnFe ₂ O ₄	Franklinite
ZnS	Sphalerite
ZrO ₂	Zirconia