

Ultra-high Purity Materials

Aldrich® Materials Science is pleased to offer a large selection of ultra-high purity metals, salts and oxides with purity of 99.999% or higher.

We offer over 300 metals, salts, and oxides with high trace metal purities and applications in areas including:

- Photovoltaics
- Magnetic Memory
- Phosphor Materials
- Biomedical Applications
- Nanoparticle Synthesis
- Electronic Devices



Name	Formula	Purity (Trace Metals Basis)	Aldrich Prod. No.
Europium(II) Bromide	EuBr ₂	99.999%	751936
Zinc Chloride	ZnCl ₂	99.999%	229997
Mercury	Hg	99.9999%	294594
Aluminum(III) Fluoride	AlF ₃	99.999%	752983
Gallium(III) Chloride	GaCl ₃	99.999%	427128
Zinc Fluoride	ZnF ₂	99.999%	752819
Bismuth(III) Bromide	BiBr ₃	99.999%	654981
Germanium(IV) Oxide	GeO ₂	99.999%	483001
Germanium	Ge	99.999%	263230
Tellurium	Te	99.999%	204544
Lanthanum Oxide	La ₂ O ₃	99.999%	203556
Barium Fluoride	BaF ₂	99.999%	652458

Name	Formula	Purity (Trace Metals Basis)	Aldrich Prod. No.
Indium(I) Iodide	InI	99.999%	578606
Gold	Au	99.999%	326542
Aluminum Chloride	AlCl ₃	99.999%	563919
Erbium(III) Bromide	ErBr ₃	99.999%	575224
Holmium(III) Bromide	HoBr ₃	99.999%	575232
Dysprosium(III) Bromide	DyBr ₃	99.999%	575240
Silicon	Si	99.999%	267414
Copper	Cu	99.9995%	254177
Antimony(III) Oxide	Sb ₂ O ₃	99.999%	202649
Cobalt(II) Chloride	CoCl ₂	99.999%	409332
Lead(II) Iodide	PbI ₂	99.999%	554359



For a complete list of ultra-high purity products, visit aldrich.com/uhp