



Materials List



Pure Elements

Name	Formula	Suitability				
Aluminium	Al	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Antimony	Sb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Arsenic	As	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Beryllium	Be	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Bismuth	Bi	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Boron	B	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Cadmium	Cd	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Carbon	C	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Chromium	Cr	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Cobalt	Co	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Copper	Cu	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Germanium	Ge	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gold	Au	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Hafnium	Hf	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Indium	In	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Iridium	Ir	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Iron	Fe	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Lead	Pb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Magnesium	Mg	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Manganese	Mn	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Molybdenum	Mo	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Nickel	Ni	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Niobium	Nb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>

Osmium	Os	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Palladium	Pd	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Platinum	Pt	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Rhenium	Re	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Rhodium	Rh	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Ruthenium	Ru	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Scandium	Sc	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Selenium	Se	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Silicon	Si	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Silver	Ag	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Tantalum	Ta	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Tellurium	Te	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Thallium	Tl	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Thulium	Tm	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tin	Sn	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Titanium	Ti	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Tungsten	W	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Vanadium	V	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Ytterbium	Yb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Yttrium	Y	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Zinc	Zn	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input checked="" type="checkbox"/>
Zirconium	Zr	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>

November 2012

For more information about the materials listed, please visit our website - www.micro-analysis.com

Synthetic Compounds

Name	Formula	Suitability
Aluminium Fluoride	AlF ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Aluminium Nitride	AlN	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Aluminium Oxide	Al ₂ O ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Antimony (III) Sulphide	Sb ₂ S ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Barium Fluoride	BaF ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Barium Titanate (IV)	BaTiO ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Boron Carbide	B ₄ C	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Boron Nitride	BN	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Boron Trioxide	B ₂ O ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cadmium Selenide	CdSe	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cadmium Sulphide	CdS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cadmium Telluride	CdTe	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Caesium Bromide	CsBr	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Caesium Iodide	CsI	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Caesium Nitrate	CsNO ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Calcium Fluoride	CaF ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Calcium Molybdate	CaMoO ₄	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Calcium Titanium Oxide	CaTiO ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Calcium Tungstate	CaWO ₄	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium (III) Fluoride	CeF ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium (IV) Oxide	CeO ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium Alumate	CeAl ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chromium (III) Nitride	CrN	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>

Chromium Carbide	Cr ₃ C ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Chromium Nitride	CrN	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Cobalt (II) Oxide	CoO	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Cobalt Silicide	CoSi ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Copper (II) Oxide ACS	CuO	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Copper (II) Sulfide	CuS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Copper Iodide	CuI	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Copper Sulphate	CuSO ₄	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Dysprosium Fluoride	DyF ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Erbium Fluoride	ErF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Erbium Oxide	Er ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Europium (III) Oxide	Eu ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Europium Fluoride	EuF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gadolinium (III) Oxide	Gd ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gadolinium Fluoride	GdF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Antimonide	GaSb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Arsenide	GaAs	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Nitride	GaN	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Oxide	Ga ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Phosphide	GaP	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Selenide	Ga ₂ Se ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Gallium Sulfide	GaS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Germanium (IV) Oxide	GeO ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Hafnium Oxide	HfO ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Holmium Fluoride	HoF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Holmium Oxide	Ho ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Indium Antimonide	InSb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Indium Arsenide	InAs	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Indium Oxide	In ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Indium Phosphide	InP	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

Indium Selenide	In ₂ Se ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Indium Sulfide	InS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Indium Telluride	In ₂ Te ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron (II) Sulphide	FeS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron Ferrous Oxide	FeO	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron Nitride	Fe ₄ N	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron Oxide	FeO	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron Oxide (Hematite)	Fe ₂ O ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron Phosphide	Fe ₂ P	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Iron Silicide	FeSi ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lanthanum (III) Oxide	La ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lanthanum Fluoride	LaF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lead (II) Telluride	PbTe	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lead Fluoride	PbF ₂	wdx <input type="checkbox"/>	edx <input type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lead Oxide	PbO	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lead Selenide	PbSe	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lead Sulphide	PbS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lithium Fluoride	LiF	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lithium Niobate	Li ₂ Nb ₂ O ₆	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lithium Tantalate	Li ₂ Ta ₂ O ₆	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lutetium Fluoride	LuF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lutetium Silicide	LuSi ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Magnesium Oxide	MgO	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Manganese (II) Carbonate	MnCO ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Manganese (II) Fluoride	MnF ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Manganese (II) Sulfide	MnS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Manganese (IV) Oxide	MnO ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Manganese Silicide	Mn ₁₅ Si ₂₆	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Manganese Titanate	MnTiO ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Mercury (II) Telluride	HgTe	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

Mercury Oxide	HgO	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Mercury Sulphide (II) (black)	HgS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Mercury Sulphide (II) (Red)	HgS	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Molybdenum (IV) Sulphide	MoS2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Molybdenum (VI) Oxide	MoO3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Molybdenum Carbide	Mo2C	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Neodymium Fluoride	NdF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Neodymium Oxide	Nd2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Nickel Arsenide	NiAs	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Nickel Oxide	NiO	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Nickel Phosphide	Ni2P	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Nickel Silicide	Ni2Si	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Nickel Sulphate	NiSO4	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Niobium Oxide	Nb2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Niobium Oxide	Nb2O5	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Niobium Silicide	NbSi2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Polytetrafluoroethylene	PTFE	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Potassium Bromide	KBr	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Potassium Chloride	KCl	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Praseodymium Fluoride	PrF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Rubidium Bromide	RbBr	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Rubidium Iodide	RbI	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Rubidium Sulfate	Rb2SO4	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Samarium Fluoride	SmF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Samarium Oxide	Sm2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Scandium Oxide	Sc2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Silicon (IV) Oxide	SiO2	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Silicon Carbide	SiC	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Silicon Nitride	Si3N4	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Silver (I) Chloride	AgCl	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

Silver Sulphide	Ag ₂ S	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Silver Telluride	Ag ₂ Te	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Sodium Chloride	NaCl	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Sodium Fluoride	NaF	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Strontium Fluoride	SrF ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Strontium Nitrate	Sr(NO ₃) ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Strontium Titanate	SrTiO ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tantalum Nitride	TaN	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tantalum Pentoxide	Ta ₂ O ₅	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tantalum Silicide	TaSi ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tellurium (IV) Oxide	TeO ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Terbium Fluoride	TbF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Terbium Silicide	TbSi ₂	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thallium (I) Bromide	TlBr	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thallium (I) Iodine	TlI	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thallium Oxide	Tl ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thulium Fluoride	TmF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thulium Silicide	TmSi ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tin (IV) Oxide	SnO ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Titanium (IV) Sulfide	TiS ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Titanium Carbide	TiC	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Titanium IV Oxide	TiO ₂	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Titanium Nitride	TiN	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Titanium Oxide	TiO	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tungsten Carbide	WC	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tungsten Silicide	WSi ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Uranium Oxide	UO ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Vanadium (V) Oxide	V ₂ O ₅	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Vanadium Carbide	VC	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Ytterbium Fluoride	YbF ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

Yttrium Oxide	Y2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zinc Oxide	ZnO	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zinc Selenide	ZnSe	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zinc Sulphide	ZnS	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zinc Telluride	ZnTe	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zirconium Boride	ZrB2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zirconium Carbide	ZrC	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zirconium Nitride	ZrN	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zirconium Oxide	ZrO2	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

November 2012

For more information about the materials listed, please visit our website - www.micro-analysis.com

Natural Minerals

Name	Formula	Suitability
Alabandite	MnS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Albite	NaAlSi3O8	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Allanite	(Ce,Ca,Y,La)2(Al,Fe3)3(SiO4)3(OH)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Almandine Garnet	Fe3Al2Si3O12	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Alunite	KAl3(SO4)2(OH)6	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Analcime	NaAlSi2O6(H2O)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Anatase	TiO2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Andradite	Ca3Fe2(SiO4)3	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Anglesite	PbSO4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Anhydrite	CaSO4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Ankerite	Ca(Fe, Mg, Mn)(CO3)2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Anorthite	CaAl2Si2O8	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Antigorite	((Mg,Fe)3Si2O5(OH)4)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Apatite	Ca5(PO4) 3(F,Cl,OH)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Arsenopyrite	FeAsS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Augite	(Ca, Mg, Fe)2 (SiAl)2O6	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Azurite	Cu3(OH)2(CO3)2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Baddeleyite	ZrO2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Baryte	BaSO4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Bastnasite	(Ce,La,Y)CO3F	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Benitoite	BaTiS3O9	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Beryl	Be3Al2Si6O18	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Biotite	K(Mg,Fe)3AlSi3O10 (OH)2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>

Bismuthinite	Bi_2S_3	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Bornite	Cu_5FeS_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Bustamite	$(\text{Mn,Ca})\text{SiO}_3$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Calcite	CaCO_3	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cassiterite (Tin Oxide)	SnO_2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Celestine	SrSO_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Celsian	$\text{Ba}(\text{Al}_2\text{Si}_2\text{O}_8)$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerussite	PbCO_3	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chalcocite	Cu_2S	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chalcopyrite	CuFeS_2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chlorite (Chamosite)	$(\text{Fe,Mg,Fe})_5\text{Al}(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH},\text{O})_8$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chrome Diopside	$\text{Ca}(\text{Mg, Fe})\text{Si}_2\text{O}_6$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chromite	FeCr_2O_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Chrysoberyl	BeAl_2O_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cinnabar	HgS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cobaltite	CoAsS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Columbite	FeNb_2O_6	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Covellite	CuS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Crocoite	PbCrO_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cryolite	Na_3AlF_6	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cubic Zirconia	ZrSiO_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cuprite	Cu_2O	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Datolite	$\text{CaBSiO}_4(\text{OH})$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Diamond	C	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Diopside	$\text{Ca}(\text{Mg, Fe})\text{Si}_2\text{O}_6$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Dolomite	$\text{CaMg}(\text{CO}_3)_2$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Enstatite (Mg, Fe, Clinopyroxene)	$\text{Mg}_2\text{Si}_2\text{O}_6$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Epidote	$(\text{Ca}_2)(\text{Al}_2\text{Fe}_3)(\text{O},\text{OH},\text{SiO}_4,\text{Si}_2\text{O}_7)$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Ferroaxinite	$\text{Ca}_2\text{FeAl}_2\text{BO}_3\text{Si}_4\text{O}_{12}(\text{OH})$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Ferrocolumbite	FeNb_2O_6	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>

Fluorapatite	$\text{Ca}(\text{Sr},\text{Na},\text{Ca})(\text{Ca},\text{Sr},\text{Ce})_3(\text{PO}_4)_3\text{F}$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Fluorite	CaF_2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Forsterite	Mg_2SiO_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Gahnite (Zinc Aluminium Oxide)	ZnAl_2O_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Galena	PbS	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Garnet Spessartine	$\text{Mn}_3\text{Al}_2\text{Si}_3\text{O}_{12}$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Goethite	$\text{FeO}(\text{OH})$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Grossular	$\text{Ca}_3\text{Al}_2(\text{SiO}_4)_3$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Halite	NaCl	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Hedenbergite	$\text{CaFeSi}_2\text{O}_6$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Helvite	$\text{Mn}_4\text{Be}_3(\text{SiO}_4)_3\text{S}$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Hornblende	$\text{Ca}_2(\text{Mg}, \text{Fe}, \text{Al})_5(\text{Al}, \text{Si})_8\text{O}_{22}(\text{OH})_2$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Hydroxyapatite	$\text{Ca}_5(\text{PO}_4)_3(\text{OH})$	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Ilmenite	FeTiO_3	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Iodargyrite	AgI	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Jadeite	$\text{NaAl}(\text{Si}_2\text{O}_6)$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Kaersutite	$\text{NaCa}_2(\text{Mg}_4\text{Ti})\text{Si}_6\text{Al}_2\text{O}_{23}(\text{OH})$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Kaolinite	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Kyanite	Al_2SiO_5	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Labradorite	$(\text{Ca},\text{Na})(\text{Si},\text{Al})_4\text{O}_8$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Leucite	KAlSi_2O_6	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Magnesite	MgCo_3	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Magnetite	Fe_3O_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Malachite	$\text{Cu}_2(\text{OH})_2\text{CO}_3$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Marcasite	FeS_2	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Mesolite	$\text{Na}_2\text{Ca}_2\text{Al}_6\text{Si}_9\text{O}_{30} \cdot 8(\text{H}_2\text{O})$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Microcline	KAlSi_3O_6	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Molybdenite	MoS_2	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Monazite	$(\text{Ce},\text{La},\text{Th},\text{Nd},\text{Y})\text{PO}_4$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Monticellite	CaMgSiO_4	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>

Muscovite	$KAl_2(AlSi_3O_{10})$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Nickeline	NiAs	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Obsidian	SiO ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Obsidian (Lipari)	70-75 SiO ₂ ,MgO,Fe ₃ O ₄	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Olivine	$(Mg,Fe)_2SiO_4$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Orthoclase	KAlSi ₃ O ₈	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pentlandite	$(Fe,Ni)_9S_8$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Peridot	$(Mg,Fe)_2SiO_4$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Phlogopite	$KMg_3(Si_3Al)O_{10}(F,OH)_2$	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pollucite	AlSi ₂ O ₆	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Proustite	Ag ₃ As ₃ S ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pyrite	FeS ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pyrolusite	MnO ₂	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pyromorphite	Pb ₅ (PO ₄) ₃ Cl	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pyrope Garnet (Red)	$Mg_3Al_2(SiO_4)_3$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Pyrrhotite	Fe _(1-x) S (x 0 to 0.2)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Quartz	SiO ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Realgar	As ₄ S ₄	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Rhodocrosite	MnCaMgO	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Rhodonite	MnSiO ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Rutile	TiO ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Sanidine	$(K,Na)(Si,Al)_4O_8$	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Scheelite	CaWO ₄	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Serpentine	Mg ₆ (OH) ₈ (Si ₄ O ₁₀)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Siderite	Fe ₂ CO ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Skutterudite	$(Co,Ni)As_3$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Smithsonite	ZnCO ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Sodalite (Pyrope Garnet)	Na ₈ Al ₆ Si ₆ O ₂₄ Cl ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Spessartine	$Mn_3Al_2(SiO_4)_3$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Sphalerite	$(Zn,Fe)S$	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>

Sphene (Titanite)	CaTi SiO ₅	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Spinel	MgAl ₂ O ₄	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Spodumene	LiAlSi ₂ O ₆	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Stibnite	Sb ₂ S ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Stilpnomelane	K(Fe ₂ ,Mg,Fe ₃) ₈ (Si,Al) ₁₂ (O,OH) ₂	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Strontianite	SrCO ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Sturmanite	Ca ₆ (Fe,Al,Mn) ₂ (SO ₄) ₂ B(OH) ₄ (OH) ₁₂ .25(H ₂ O)	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Talc	Mg ₃ Si ₄ O ₁₀ (OH) ₂	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thorite	ThSiO ₄	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tremolite	Ca ₂ Mg ₅ (Si ₈ O ₂₂)(OH) ₂	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Tugtupite	Na ₄ AlBe(Si ₄ O ₁₂)Cl	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Valentinite	Sb ₂ O ₃	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Vanadinite	Pb ₅ Cl(VO ₄) ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Vermiculite	(MgFe,Al) ₃ (Al,Si) ₄ O ₁₀ (OH) ₂ .4H ₂ O	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Willemite	Zn ₂ SiO ₄	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Witherite	BaCO ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Wollastonite	CaSiO ₃	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Xenotime	YPO ₄	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Yttrium Aluminium Garnet YAG	Y ₃ Al ₅ O ₁₂	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Zircon	ZrSiO ₄	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input checked="" type="checkbox"/>

November 2012

For more information about the materials listed, please visit our website - www.micro-analysis.com

Rare Earths

Name	Formula	Suitability
Allanite	(Ce,Ca,Y,La) ₂ (Al,Fe ₃) ₃ (SiO ₄) ₃ (OH)	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Bastnasite	(Ce,La,Y)CO ₃ F	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium (III) Fluoride	CeF ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium (IV) Oxide	CeO ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium Alumate	CeAl ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Cerium REE-glass (12%)	Ce	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Dysprosium Fluoride	DyF ₃	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Dysprosium REE-glass (12%)	Dy	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Dysprosium Silicide	DySi ₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Erbium Fluoride	ErF ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Erbium Oxide	Er ₂ O ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Erbium REE-glass (12%)	Er	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Europium (III) Oxide	Eu ₂ O ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Europium Fluoride	EuF ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Gadolinium (III) Oxide	Gd ₂ O ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Gadolinium Fluoride	GdF ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Gadolinium Gallium Garnet	Gd ₃ Ga ₅ O ₁₂	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Gadolinium REE-glass (12%)	Gd	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Holmium Fluoride	HoF ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Holmium Oxide	Ho ₂ O ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Holmium REE-glass (12%)	Ho	wdx <input checked="" type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Lanthanum (III) Oxide	La ₂ O ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>
Lanthanum Fluoride	LaF ₃	wdx <input type="checkbox"/> edx <input checked="" type="checkbox"/> thin film <input checked="" type="checkbox"/> thin foil <input type="checkbox"/> xrf <input type="checkbox"/>

Lanthanum REE Glass (12%)	La	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lutetium Fluoride	LuF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Lutetium Oxide	Lu2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lutetium REE-glass (12%)	Lu	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Lutetium Silicide	LuSi2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Monazite	(Ce,La,Th,Nd,Y)PO4	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Multi Element REE-glass (4% each) Y, Pr, Dy, Er		wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Multi Element REE-glass (4% each) Nd, Tb, Lu		wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Multi Element REE-glass (4% each) La, Sm, Gd, Yb		wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Multi Element REE-glass (4% each) Ce, Eu, Ho, Tm		wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Neodymium Fluoride	NdF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Neodymium Oxide	Nd2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Neodymium REE-glass (12%)	Nd	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Praseodymium Fluoride	PrF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Praseodymium Oxide	Pr2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Praseodymium REE Glass (12%)	Pr	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Samarium Fluoride	SmF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Samarium Oxide	Sm2O3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Samarium REE-glass (12%)	Sm	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Terbium Fluoride	TbF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Terbium REE-glass (12%)	Tb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Terbium Silicide	TbSi2	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thorite	ThSiO4	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thorium Oxide	ThO2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Thorium REE-glass (5%)	Th	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thulium Fluoride	TmF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Thulium REE-glass (12)	Tm	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Thulium Silicide	TmSi2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input checked="" type="checkbox"/>	thin foil <input checked="" type="checkbox"/>	xrf <input type="checkbox"/>
Uranium Oxide	UO2	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Uranium REE-glass (4%)	U	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

Ytterbium Fluoride	YbF3	wdx <input type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>
Ytterbium REE-glass (12%)	Yb	wdx <input checked="" type="checkbox"/>	edx <input checked="" type="checkbox"/>	thin film <input type="checkbox"/>	thin foil <input type="checkbox"/>	xrf <input type="checkbox"/>

November 2012

For more information about the materials listed, please visit our website - www.micro-analysis.com

Steels and Alloys

Aluminium Base

54XG231H4	Aluminium Alloy	Al, Si	MBH
55XG26H5	Aluminium Alloy	Al,Si,Cu	MBH
55XGO4H60	Aluminium Alloy	Al,Si,Cu	MBH
55XGO4H80	Aluminium Alloy	Al,Si,Cu	MBH
58XG40H9	Aluminium Alloy	Al, Zn	MBH
59XG77J1	Aluminium Alloy (cast)	Al, Zn, Mg, Cu	MBH
A1-5042-M	Aluminium Alloy	Aluminium/Silicon (50/50)	Testbourne
AL427915	Aluminium Alloy	Aluminium Matrix	GOODFELLOW
AL-50026-A	Aluminium Alloy	AA6061	TESTBOURNE
AL-50027-A	Aluminium Alloy	AA7075	TESTBOURNE
Aluminium Magnesium Silicon	Aluminium Alloy		Goodfellow
C 55X GO2D60	Aluminium Alloy	Al, Si, Cu	MBH
Dural	Al, Cu, Mg		

Bronze Base

CU055170/2	Phosphor Bronze		GOODFELLOW
------------	-----------------	--	------------

Cobalt Base

111X12670	Cobalt Alloy (Cast)	Cobalt /Tungsten (W 10)	MBH
-----------	---------------------	-------------------------	-----

Copper Base

31X 7835.3	Leaded Brass		MBH
31X B2	Duplex Brass	phases of α /B Brass, 0.1(Z).	MBH

31X NB2	Naval Brass		MBH
31XWSB1	Silicon Brass		MBH
37MBS314B	Copper Alloy	CDA 314	MBH
37MBS360A	Copper Alloy	CDA 360	MBH
37MBS630	Copper Alloy	CDA 630	MBH
B.C.S. No 179/2	Copper Alloy (Cast)	High Tensile	BAS
C31XB40	Brass		MBH
C31XB60	Brass		MBH
C31XB80	Brass		MBH
CW147910	Leaded Brass		GOODFELLOW
IPT 10A Bronze Ref 0683	Bronze	IPT 10A	MBH
SRM 1276a	Copper Alloy	CDA 715	NIST
SRM 478	Cartridge Brass		NIST
SRM 872	Phosphor Bronze	CDA 544	NIST

Gold Base

SRM 481	Gold/ Silver Wires	Set of 6	NIST
SRM 482	Gold/Copper Wires	Set of 6	NIST

Iron Base

11X0331.2	Corrosion Resistant Cast Iron (Chill Cast)		MBH
11XS/1-CR1	Corrosion Resistant Cast Iron (Chill Cast)	Ni Resist	MBH
13MBS186A	Invar 36 Alloy		MBH
13MBS89E	Martensitic Stainless Steel	AISI 410	MBH
13MBS91E	Ferritic Stainless Steel	AISI 430	MBH
13X 12537	Austenitic Stainless Steel		MBH
13X NSC3	Nitrogen Stainless Steel (Chill Cast)	1.5 Carbon	MBH
13x18001	Austenitic Stainless Steel		MBH

14HYT2/2	Silicon Steel	Dynamo &Transformer Testing	MBH
14MB.S 190	High Manganese Stainless Steel	Nitronic 40	MBH
14X MSFM2	Resulfurised Steel (Chill Cast)		MBH
14XHS1	High Speed Tool Steel	AISI T-1	MBH
1748	Carbon Steel	0.5 Carbon	MBH
281-1	Austenitic Stainless Steel		BAS
481-1	Nodular Iron (Cast)		BAS
5/46 Ductile (Nodular) Iron	Ductile (Nodular) Iron	SUS 5/46	BAS
A 11-19	Low Alloy Steel	A 11-19	RIFM
AISI 304L	Austenitic Stainless Steel	AISI 304L	ADVENT
B.S. 57F	Carbon Steel	0.2 Carbon	MBH
BCS No. 238/2	Carbon Steel	0.2 Carbon	BAS
BCS No. 318B	Oxygen Steel	0.01 Oxygen	BAS
BCS/SS CRM No 410/ 2	Low Alloy Steel		BAS
BCS/SS CRM No 432/2	Carbon Steel	Plain Carbon	BAS
BCS/SS CRM No 456/2	Carbon Steel		BAS
BCS/SS CRM No. 469	Ferritic Stainless Steel		BAS
BCS/SS-CRM No. 470	Ferritic Stainless Steel		BAS
BS 0022	Martensitic Stainless Steel	AISI 410 (mod)	MBH
BS 153	Ferritic Stainless Steel	AISI 430F	BSC
BS 154	Ferritic Stainless Steel	AISI 430FR	BSC
BS 2992	Alloy Steel	AISI 8620	BSC
CRM 12 D 180B	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 181A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 182A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 183A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 184A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 185A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 186B	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 187B	Low Alloy Steel	Set of 10 Steels (part of)	MBH

CRM 12 D 188A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 12 D 189A	Low Alloy Steel	Set of 10 Steels (part of)	MBH
CRM 472	Ferritic Stainless Steel		
CRM No. 056-2	Carbon Steel	0.8 Carbon	BAS
ECRM No. 271-1	Tool Steel 1.2344	ASTM H13	BAS
EN58J	Austenitic Stainless Steel	AISI 316 Trace elements equal upto 0.5	ADVENT
Euronorm - MRC 176-2	Low alloy Steel		BAS
Euronorm CRM No 090-1	Carbon Steel	1% Carbon	BAS
Euronorm CRM No. 097-1	High Purity Iron		BAS
Euronorm CRM No. 287-1	High Boron Stainless Steel		BAS
Euronorm CRM No. 295-1	High Alloy Steel		BAS
Euronorm CRM No. 587-1	Boron Steel	Ferro-Boron	BAS
FCr-3-1	Iron Alloy		MBH
IARM 13C	Martensitic Stainless Steel	AISI 440C	ARMI
IARM 152B	Precipitation Hardening Stainless Steel	17-7 PH	MBH
IARM 157B	Austenitic Stainless Steel	Incoloy alloy / AL-6XN	ARMI
IARM 1D	Austenitic Stainless Steel	AISI 303	MBH
IARM 234B	Austenitic Stainless Steel	AISI 302HQ	MBH
IARM 255A	Tool Steel	AISI H-11	MBH
IARM 289A	Austenitic Stainless Steel	AISI 301	MBH
IARM 2G	Austenitic Stainless Steel	AISI 304	MBH
IARM 41C	Tool Steel	AISI D2	MBH
IARM 48B	Tool Steel	AISI T-1	ARMI
IARM 98B	Kovar		MBH
S.S. CRM No. 464/1	Austenitic Stainless Steel		BAS
S.S.- CRM No. 474	Austenitic Stainless Steel	AISI 317	BAS
S.S. No. 461	Austenitic Stainless Steel		BAS
S.S. No. 464	Austenitic Stainless Steel		BAS
S.S. No. 465	Austenitic Stainless Steel		BAS

S.S. No. 466	Austenitic Stainless Steel		BAS
S.S. No. 495/1	Manganese Steel	13% Manganese	BAS
S.S. No. 62	Austenitic Stainless Steel		BAS
S.S. No. 63	Austenitic Stainless Steel		BAS
S.S. No. 72	Ferritic Stainless Steel		BAS
SRM 101g	Austenitic Stainless Steel	AISI 304L	NIST
SRM 106B	Austenitic Stainless Steel	AISI 316	NIST
SRM 1134	High Silicon Steel		NIST
SRM 121d	Austenitic Stainless Steel	AISI 321	NIST
SRM 1225	Low Alloy Steel	AISI 4130	NIST
SRM 1227	Carbon Steel	1% Carbon	NIST
SRM 132b	Tool Steel	AISI M2	NIST
SRM 13g	Carbon Steel	0.6 Carbon	NIST
SRM 155	Chromium-Tungsten Steel		NIST
SRM 160b		AISI 316	
SRM 166c	Austenitic Stainless Steel	AISI 316L/Certified low carbon value only	NIST
SRM 1767	Low Alloy Steel		NIST
SRM 179	High Silicon Steel		NIST
SRM 343a	Martensitic Stainless Steel	AISI 431	NIST
SRM 348a	High Tempered Alloy	A286	NIST
SRM 361	Alloy Steel	AISI4340	NIST
SRM 362	Alloy Steel	AISI 94B17 (mod)	NIST
SRM 661	Alloy Steel	AISI 4340	NIST
SRM 663			
SRM 665	Electrolytic Iron		NIST
SRM C1287	High Alloy Steel	AISI 310 (mod)	NIST
SRM C2400	High Alloy Steel	ACT117/4PH	NIST
SRM C2401	High Alloy Steel		NIST
SS CRM No. 487/1	High Speed Tool Steel		BAS

Lead Base

81XPA12.5	Binary Alloy	Sb 16.	MBH
-----------	--------------	--------	-----

Magnesium Base

65X MGA20	Magnesium Alloy	Mg,Al, Zn	MBH
65X MGB3	Magnesium Alloy	Mg,Al, Zn	MBH
65XMGA1	Magnesium Alloy	Mg, Al, Zn	MBH
65XMGA3	Magnesium Alloy	Mg, Al, Zn	MBH
65XMGA5	Magnesium Alloy	Mg, Al, Zn	MBH
Magnesium Alloy	Magnesium Alloy	Mg,Al,Mn,Zn	Advent
Magnesium Tin Alloy	Binary Alloy	Mg2Sn	

Molybdenum Base

Molybdenum- Hafnium	Binary Alloy	Hf 1	TESTBOURNE
Molybdenum- Titanium	Binary Alloy	Ti 1	TESTBOURNE

Nickel Base

210X11775	Nickel Alloy (Cast)		MBH
211X 11222	Nickel Alloy	Inconel 713	MBH
212NN50.01	Nickel Alloy		MBH
221X HF3	Nickel/Boron Hardfacing Alloy (Cast)		MBH
24X WASP3	Nickel Alloy	Waspalloy	MBH
27X 14386	Nickel Alloy		MBH
BCS/SS CRM No. 350	Nickel Alloy	Inconel 713	BAS
BCS/SS CRM No. 351	Nickel Alloy	Inconel 718	BAS
BCS/SS CRM No. 363/1	Nickel Alloy	Monel 400	BAS
BS 199A	Nickel Alloy	Waspalloy	BAS
BS 718B	Nickel Alloy	Inconel 718	BSC
C22x7550	Nickel Alloy	Nimonic Type	MBH
Nickel Aluminium	Binary Alloy	Ni/Al	Goodfellows

Nickel Aluminium	Binary Alloy	Ni/Al	Testbourne
SRM 1160	Nickel Alloy	Electronic and Magnetic alloy	NIST
Waspaloy			

Other Base			
204JC	Fluorspar		MBH
206ABL5	Uranium Ore BL-5		EMRC
B.C.S. - CRM No. 355	Tin Ore		BAS
SRM 1411	Soft Borosilicate Glass		NIST
SRM 1872	Lead-Germanate (set of 3)	K-453, K-491, K-968	NIST
SRM 2780	Hard Rock Mine Waste		NIST
SRM 710	Soda Lime Silica Glass		NIST

Palladium Base			
Palladium/ Nickel alloy	Binary Alloy	Ni 15	GOODFELLOW

Tin Base			
T7-5019-M	Binary Alloy	Pb 37	TESTBOURNE
T7-5020-M	Binary Alloy	Pb 3	TESTBOURNE

Titanium Base			
BCS- CRM No. 357	Titanium Alloy		BAS
BS T-5A	Titanium Alloy	Ti-6Al-4V	MBH
C101p 6790	Titanium Alloy		MBH

Tungsten Base			
SRM 480	Binary Alloy	Mo 20%	NIST
Tungsten- Rhenium	Binary Alloy	Re 5	TESTBOURNE
Tungsten- Tantalum	Binary Alloy	Ta 5	TESTBOURNE

Zinc Base			
42X Z7	Zinc Alloy (Cast)	Galfan Type	MBH
43X Z12	Zinc Alloy (cast)	Zn, Al, Cu	MBH
43X Z2	Zinc Alloy (Cast)	Zn, Al, Cu	MBH

November 2012

For more information about the materials listed, please visit our website - www.micro-analysis.com



Micro-Analysis Consultants Ltd

Unit 19, Edison Road

St. Ives

Cambridgeshire

PE27 3LF

UK

Tel: +44(0)1480 462626

Fax: +44(0)1480 462901

standards@micro-analysis.com

www.micro-analysis.com

