

METAL CONTENT OF PLATING SALTS

TECHNICAL NAME OF SALT	CHEMICAL FORMULA	PER CENT METAL
Antimony trichloride	SbCl ₃	53.4
Cadmium cyanide	Cd(CN) ₂	68.3
Cadmium oxide	CdO	87.5
Chromic acid	CrO ₃	52.0
Cobalt sulfate (anhydrous)	CoSO ₄	38.0
Cobalt sulfate, crystal	CoSO ₄ ·7H ₂ O	21.0
Copper carbonate (basic)	CuCO ₃ ·Cu(OH) ₂	57.5
Copper chloride (ic)	CuCl ₂	47.3
Copper cyanide (ous)	CuCN	71.0
Copper sulfate (ic), crystal	CuSO ₄ ·5H ₂ O	25.5
Ferrous chloride, crystal	FeCl ₂ ·4H ₂ O	28.1
Ferrous ammonium sulfate	FeSO ₄ (NH ₄) ₂ SO ₄ ·6H ₂ O	14.2
Gold chloride (ic)	AuCl ₃	64.9
Gold chloride (ic), crystals	AuCl ₃ ·2H ₂ O	58.1
Gold chloride (ous)	AuCl	84.7
Gold cyanide (ous)	AuCN	88.3
Gold potassium cyanide	KAu(CN) ₂	68.3*
Gold potassium cyanide, crystal	KAu(CN) ₂ ·2H ₂ O	60.8
Gold sodium cyanide	NaAu(CN) ₂	72.5
Lead carbonate (basic)	Pb(OH) ₂ ·2PbCO ₃	80.1
Mercuric chloride	HgCl ₂	73.8
Mercuric cyanide	Hg(CN) ₂	79.4
Mercuric nitrate	Hg(NO ₃) ₂	61.8
Mercuric nitrate, crystal	Hg(NO ₃) ₂ ·H ₂ O	58.6
Nickel ammonium sulfate (double nickel salts)	NiSO ₄ (NH ₄) ₂ SO ₄ ·6H ₂ O	14.9
Nickel carbonate (basic)	2NiCO ₃ ·3Ni(OH) ₂ ·4H ₂ O	50.0
Nickel chloride, crystal	NiCl ₂ ·6H ₂ O	24.7
Nickel sulfate (single nickel salt)	NiSO ₄ ·6H ₂ O	22.3
Platinum chloride, crystal	H ₂ PtCl ₆ ·6H ₂ O	37.7
Rhodium phosphate, crystal	RhPO ₄ ·3H ₂ O	29.9
Rhodium sulfate, crystal	Rh ₂ (SO ₄) ₃ ·12H ₂ O	29.0
Silver chloride	AgCl	75.3
Silver cyanide	AgCN	80.5
Silver potassium cyanide	KA _g (CN) ₂	54.2
Silver sodium cyanide	NaA _g (CN) ₂	59.0
Silver nitrate	AgNO ₃	63.5
Sodium stannate, crystal	Na ₂ SnO ₃ ·3H ₂ O	44.5
Tin chloride (ous), crystal	SnCl ₂ ·2H ₂ O	52.6
Tin sulfate (ous)	SnSO ₄	55.3
Tungstic oxide	WO ₃	79.3
Zinc cyanide	Zn(CN) ₂	55.7
Zinc oxide	ZnO	80.3
Zinc Sulfate, crystal	ZnSO ₄ ·7H ₂ O	22.7