

Solubility-Product Constants for Compounds at 25°C

NAME	FORMULA	K_{sp}
Barium carbonate	BaCO ₃	5.0×10^{-9}
Barium chromate	BaCrO ₄	2.1×10^{-10}
Barium fluoride	BaF ₂	1.7×10^{-6}
Barium oxalate	BaC ₂ O ₄	1.6×10^{-6}
Barium sulfate	BaSO ₄	1.1×10^{-10}
Cadmium carbonate	CdCO ₃	1.8×10^{-14}
Cadmium hydroxide	Cd(OH) ₂	2.5×10^{-14}
Cadmium sulfide*	CdS	8.0×10^{-28}
Calcium carbonate (calcite)	CaCO ₃	4.5×10^{-9}
Calcium chromate	CaCrO ₄	7.1×10^{-4}
Calcium fluoride	CaF ₂	3.9×10^{-11}
Calcium hydroxide	Ca(OH) ₂	6.5×10^{-6}
Calcium phosphate	Ca ₃ (PO ₄) ₂	2.0×10^{-29}
Calcium sulfate	CaSO ₄	2.4×10^{-5}
Chromium (III) hydroxide	Cr(OH) ₃	1.6×10^{-30}
Cobalt (II) carbonate	CoCO ₃	1.0×10^{-10}
Cobalt (II) hydroxide	Co(OH) ₂	1.3×10^{-15}
Cobalt (II) sulfide*	CoS	5.0×10^{-22}
Copper (I) bromide	CuBr	5.3×10^{-9}
Copper (II) carbonate	CuCO ₃	2.3×10^{-10}
Copper (II) hydroxide	Cu(OH) ₂	4.8×10^{-20}
Copper (II) sulfide*	CuS	6.0×10^{-37}
Iron (II) carbonate	FeCO ₃	2.1×10^{-11}
Iron (II) hydroxide	Fe(OH) ₂	7.9×10^{-16}
Lanthanum fluoride	LaF ₃	2.0×10^{-19}
Lanthanum iodate	La(IO ₃) ₃	6.1×10^{-12}
Lead (II) carbonate	PbCO ₃	7.4×10^{-14}
Lead (II) chloride	PbCl ₂	1.7×10^{-5}
Lead (II) chromate	PbCrO ₄	2.8×10^{-13}

Lead (II) fluoride	PbF ₂	3.6 × 10 ⁻⁸
Lead (II) sulfate	PbSO ₄	6.3 × 10 ⁻⁷
Lead (II) sulfide*	PbS	3.0 × 10 ⁻²⁸
Magnesium hydroxide	Mg(OH) ₂	1.6 × 10 ⁻¹²
Magnesium carbonate	MgCO ₃	3.5 × 10 ⁻⁸
Magnesium oxalate	MgC ₂ O ₄	8.6 × 10 ⁻⁵
Manganese (II) carbonate	MnCO ₃	5.0 × 10 ⁻¹⁰
Manganese (II) hydroxide	Mn(OH) ₂	1.6 × 10 ⁻¹³
Manganese (II) sulfide*	MnS	2.0 × 10 ⁻⁵³
Mercury (I) chloride	Hg ₂ Cl ₂	1.2 × 10 ⁻¹⁸
Mercury (I) iodide	Hg ₂ I ₂	1.1 × 10 ⁻²⁸
Mercury (II) sulfide*	HgS	2.0 × 10 ⁻⁵³
Nickel (II) carbonate	NiCO ₃	1.3 × 10 ⁻⁷
Nickel (II) hydroxide	Ni(OH) ₂	6.0 × 10 ⁻¹⁶
Nickel (II) sulfide*	NiS	3.0 × 10 ⁻²⁰
Silver bromate	AgBrO ₃	5.5 × 10 ⁻⁵
Silver bromide	AgBr	5.0 × 10 ⁻¹³
Silver carbonate	Ag ₂ CO ₃	8.1 × 10 ⁻¹²
Silver chloride	AgCl	1.8 × 10 ⁻¹⁰
Silver chromate	Ag ₂ CrO ₄	1.2 × 10 ⁻¹²
Silver iodide	AgI	8.3 × 10 ⁻¹⁷
Silver sulfate	Ag ₂ SO ₄	1.5 × 10 ⁻⁵
Silver sulfide*	Ag ₂ S	6.0 × 10 ⁻⁵¹
Strontium carbonate	SrCO ₃	9.3 × 10 ⁻¹⁰
Tin (II) sulfide*	SnS	1.0 × 10 ⁻²⁶
Zinc carbonate	ZnCO ₃	1.0 × 10 ⁻¹⁰
Zinc hydroxide	Zn(OH) ₂	3.0 × 10 ⁻¹⁶
Zinc oxalate	ZnC ₂ O ₄	2.7 × 10 ⁻⁸
Zinc sulfide*	ZnS	2.0 × 10 ⁻²⁵

* For a solubility equilibrium of the type $MS_{(s)} + H_2O_{(l)} \rightleftharpoons M^{2+}_{(aq)} + HS^{-}_{(aq)} + OH^{-}_{(aq)}$