

Solubility Rules

Water Soluble	
nitrates (NO_3^-)	all
acetates ($\text{C}_2\text{H}_3\text{O}_2^-$)	all EXCEPT silver acetate
chlorates (ClO_3^-)	all
group IA salts	all
ammonium (NH_4^+) salts	all
Mostly Water Soluble	
chlorides, bromides, iodides	EXCEPT for those of Pb^{2+} , Ag^+ , Hg_2^{2+} PbCl_2 , PbBr_2 and HgBr_2 are slightly soluble
Sulfates (SO_4^{2-})	EXCEPT for those of Pb^{2+} , Sr^{2+} , Ba^{2+} , Hg_2^{2+} CaSO_4 , SrSO_4 and Ag_2SO_4 are slightly soluble
Mostly Water Insoluble	
carbonates (CO_3^{2-})	EXCEPT those of group IA and NH_4^+
phosphates (PO_4^{3-})	EXCEPT those of group IA and NH_4^+
sulfites (SO_3^{2-})	EXCEPT those of group IA and NH_4^+
chromates (CrO_4^{2-})	EXCEPT those of group IA and NH_4^+ CaCrO_4 and SrCrO_4 are slightly soluble
Hydroxides (OH^-)	EXCEPT those of group IA, NH_4^+ and $\text{Ba}(\text{OH})_2$ $\text{Sr}(\text{OH})_2$ and $\text{Ca}(\text{OH})_2$ are slightly soluble
Sulfides (S^{2-})	EXCEPT those of group IA, IIA, and NH_4^+