

Solubility Chart

Negative Ions	Positive Ions	Solubility
Essentially All	Alkali ions (Li^+ , Na^+ , K^+ , Rb^+ , Cs^+)	Soluble, (aq)
Essentially All	Hydrogen ion, H^+	Soluble, (aq)
Essentially All	Ammonium ion, NH_4^+	Soluble, (aq)
Nitrate, NO_3^-	Essentially All	Soluble, (aq)
Acetate, CH_3COO^-	Essentially All, EXCEPT Ag^+	Soluble, (aq)
Chloride, Cl^- Bromide, Br^- Iodide, I^-	Ag^+ , Pb^{2+} , Hg_2^{2+} , Cu^+ , Tl^+ All others	Low Solubility, (s) Soluble, (aq)
Sulfate, SO_4^{2-}	Ag^+ , Ca^{2+} , Sr^{2+} , Ba^{2+} , Pb^{2+} , Ra^{2+} All others	Low Solubility, (s) Soluble, (aq)
Sulfide, S^{2-}	Alkali ions and H^+ , NH_4^+ , Be^{2+} , Mg^{2+} , Ca^{2+} , Sr^{2+} , Ba^{2+} , Ra^{2+} All others	Soluble, (aq) Low Solubility, (s)
Hydroxide, OH^-	Alkali ions and H^+ , NH_4^+ , Sr^{2+} , Ba^{2+} , Ra^{2+} , Tl^+ All others	Soluble, (aq) Low Solubility, (s)
Phosphate, PO_4^{3-} Carbonate, CO_3^{2-} Sulfite, SO_3^{2-}	Alkali ions and H^+ , NH_4^+ All others	Soluble, (aq) Low Solubility, (s)
Chromate, CrO_4^{2-}	Ba^{2+} , Sr^{2+} , Pb^{2+} , Ag^+ All others	Low Solubility, (s) Soluble, (aq)