

Solubility Table of Common Ions

	Group 1 Alkali Metals			Group 2 Alkaline Earth Metals			Transition Metals					Post-transition Metals		
	Ammonium NH_4^+	Lithium Li^+	Sodium Na^+	Potassium K^+	Magnesium Mg^{2+}	Calcium Ca^{2+}	Barium Ba^{2+}	Iron (II) Fe^{2+}	Iron (III) Fe^{3+}	Copper (II) Cu^{2+}	Silver Ag^+	Zinc Zn^{2+}	Lead (II) Pb^{2+}	Aluminum Al^{3+}
Fluoride F^-	Soluble	Slightly Soluble	Soluble	Soluble	Insoluble	Insoluble	Slightly Soluble	Slightly Soluble	Slightly Soluble	Soluble	Soluble	Soluble	Insoluble	Slightly Soluble
Chloride Cl^-	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Insoluble	Soluble	Insoluble	Soluble
Bromide Br^-	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Insoluble	Soluble	Slightly Soluble	Soluble
Iodide I^-	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble			Insoluble		Insoluble	Soluble
Chlorate ClO_3^-	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble		Soluble		Soluble		Soluble	Soluble
Hydroxide OH^-	Soluble	Soluble	Soluble	Soluble	Insoluble	Slightly Soluble	Soluble	Insoluble	Insoluble	Insoluble	Slightly Soluble	Insoluble	Insoluble	Insoluble
Sulfide S^{2-}	Soluble	Soluble	Soluble	Soluble		Slightly Soluble	Slightly Soluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble
Sulfite SO_3^{2-}	Soluble	Soluble	Soluble	Soluble	Soluble	Insoluble	Insoluble				Insoluble	Insoluble	Insoluble	
Sulfate SO_4^{2-}	Soluble	Soluble	Soluble	Soluble	Soluble	Slightly Soluble	Insoluble	Soluble	Soluble	Soluble	Slightly Soluble	Soluble	Insoluble	Soluble
Carbonate CO_3^{2-}	Soluble	Soluble	Soluble	Soluble	Insoluble	Insoluble	Insoluble	Insoluble		Insoluble	Insoluble	Insoluble	Insoluble	
Nitrite NO_2^-	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble				Insoluble		Soluble	
Nitrate NO_3^-	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble
Phosphate PO_4^{3-}	Soluble	Insoluble	Soluble	Soluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble
Chromate CrO_4^{2-}	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	Insoluble	
Acetate $\text{C}_2\text{H}_3\text{O}_2^-$	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Slightly Soluble