

SOLUBLE COMPOUNDS

Almost all salts of Na^+ ,
 K^+ , and NH_4^+

All salts of Cl^- , Br^- , and I^-

Compounds containing F^-

Salts of nitrate, NO_3^-
chlorate, ClO_3^-
perchlorate, ClO_4^-
acetate, CH_3CO_2^-

Salts of sulfate, SO_4^{2-}

EXCEPTIONS

Halides of Ag^+ , Hg_2^{2+} , and Pb^{2+}

Fluorides of Mg^{2+} , Ca^{2+} , Sr^{2+} , Ba^{2+} , Pb^{2+}

Sulfates of Ca^{2+} , Sr^{2+} , Ba^{2+} , Pb^{2+}

INSOLUBLE COMPOUNDS

All salts of carbonate, CO_3^{2-}
phosphate, PO_4^{3-}
oxalate, $\text{C}_2\text{O}_4^{2-}$
chromate, CrO_4^{2-}
sulfide, S^{2-}

Most metal hydroxides
and oxides

EXCEPTIONS

Salts of NH_4^+ and the alkali metal
cations