

Solubility Rules

Directions: Start at top and work your way down. If you come across a soluble ion first then compound is soluble.

Soluble (aq)

① Always: NO_3 , Li, Na, K, NH_4

Mostly: Halogens (F, Cl, Br, I)

exceptions \rightarrow means Insoluble (s)
 AgCl , PbCl_2 , HgCl_2

SO_4 exceptions

CaSO_4 , BaSO_4 , PbSO_4 , HgSO_4

② Assume everything not covered above is insoluble (s).