

Solubility Rules

Some ions will form precipitates and are insoluble. Other ions will not form precipitates and are soluble.

Ion	Rule	Exceptions
nitrate	soluble	
chloride, iodide	soluble	silver and lead
sulfate	soluble	lead, calcium, barium
carbonate	insoluble	sodium, potassium ammonium
hydroxides	insoluble	sodium, potassium
sodium potassium ammonium	all soluble	