

### **SOLUBILITY RULES**

- Rule 1:** Salts of alkali metals and ammonium are soluble. (Column 1 with 17)
- Rule 2:** Nitrates and acetates are soluble.
- Rule 3:** Sulfates are soluble, except with Pb, Ag, Hg, Ba, Sr, and Ca.
- Rule 4:** Halide salts (Column 17) are soluble, except with Pb, Ag, Cu and Hg.
- Rule 5:** Carbonates, phosphates, chromates, oxides, sulfides, and hydroxides are insoluble, except with those in rule 1. (Column 1 with rule 5 is soluble)

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