

Tutorial Name: "Salts and Solubility"

Assignment 1

1. Add more water to the container and observe the dissolved and bound ions in water.
2. Check the solubility of the salts given in the salt drop-down on the right panel.
3. Note the ratio of ions in each salt.
4. Note the number of ions at saturation for each salt.

Assignment 2

1. Explore more salts with various combinations of charges and Solubility Products.
2. Calculate the molar solubility and Solubility Product for the salts.

Table 2.2

S.No	Name of the salt	Solubility Product (K_{sp}) expression S is Solubility	Solubility (S) in moles/L	Solubility Product (K_{sp})
1	Silver Bromide			
2	Thalium(I) Sulfide			
3	Copper(I) Iodide			
4	Silver Arsenate			
5	Mercury(II) Bromide			