**Solutions (calculations)**

**1 ppm= 1 mg/L**

**50 ppm= 50 mg/L**

**NAA of 50 ppm**

**50 mg dissolve in 1 liter of water= 50 ppm NAA**

**Practical (How to make 50 ppm if your weighing balance can not measure below 100 mg)**

**100 ppm----100 mg/2L---50 ppm**

**100 mg/L half**

**1000ml---500 ml solutions of 100ppm add 500 ml water will be equal to 50 ppm**

**50 ppm**

**You need half Liter solutions**

**25 mg of NAA will be added to 500 ml of water**

**1 L= 1000 ml**

**ml for liquid**

**mg for solid/powder**

**Solution**

**Solute== which is in less amount in solution**

**Solvent=== which is in large amount in solution**

**50 ppm of NAA solution in water**

**50 mg NAA is solute**

**1000 ml water is solvent**