

**Analytical Chemistry Laboratory report  
Second Year**

**The name of experiment**

**Student Name:**

**Group ( )**

**The name of partners :**

**Materials and tools used in the experiment**

**The reaction equation**

**The practical part**

## Discussion Questions

- 1- Why the experiments are done in a dark place?
- 2- The diluted nitric acid is used as a washing agent for the residue and does not use diluted hydrochloric acid?
- 3 - What are the specifications of the formed silver chloride precipitate?
4. The precipitate filtration is done at room temperature or less?
- 5- Calculate the weight of silver chloride residue that can be obtained from a solution (100 mL) dissolved in (0.2 g) of magnesium chloride?
- 6- Why wash the precipitate with distilled water before the drying ?