

**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

1- Why the experiments are done in a dark place?

2- The diluted nitric acid is used as a washing solution for the precipitate 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- What is the weight of the precipitate obtained from a (1) g weight sample, if you know that the percentage of chlorine ion which was precipitated on the form of the silver chloride is (19.2%) and the weight of the chlorine ion is (0.1) g ? the atomic weight for Ag=108 , Cl=35.5