

**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- What is the effect of ammonium hydroxide addition to the ferric salt solution?
Explain with equations?

2- What is the chemical formula of precipitated and salt iron?

3- A sample of magnetite, not pure Fe_3O_4 weighed 0.5g converted chemically reaction to the ferric oxide weight 0.41g What is the percentage of Fe_3O_4 in the magnetite?

4- What is the purpose of concentrated HNO_3 addition the produced solution from the added of HCl to ferric salt?