



18BP011 PHARMACEUTICAL INORGANIC CHEMISTRY LABORATORY

LABORATORY EXPERIMENTS

PRACTICAL

4 HOURS / WEEK

1. LIMIT TESTS FOR FOLLOWING IONS

Limit test for Chlorides and Sulphates Modified limit test for Chlorides and Sulphates Limit test for Iron Limit test for Heavy metals Limit test for Lead Limit test for Arsenic.

2. IDENTIFICATION TEST

Magnesium hydroxide ferrous sulphate Sodium bicarbonate Calcium gluconate Copper sulphate

3. TEST FOR PURITY

Swelling power of Bentonite Neutralizing capacity of aluminum hydroxide gel Determination of potassium iodate and iodine in potassium iodide

4. PREPARATION OF INORGANIC PHARMACEUTICALS

Boric acid Potash alum ferrous sulphate.

RECOMMENDED BOOKS (LATEST EDITIONS)

1. A.H. Beckett & J.B. Senlac's, Practical Pharmaceutical Chemistry Vole I & II, Stallone Press of University of London, 4thedition.
2. A.I. Vogel, Text Book of Quantitative Inorganic analysis
3. P. Gundy Rae, Inorganic Pharmaceutical Chemistry, 3rd edition
4. M.L. Scruff, Inorganic Pharmaceutical Chemistry
5. Bentley and Driver's Textbook of Pharmaceutical Chemistry
6. Anand & Catwalk, Inorganic Pharmaceutical Chemistry
Indian Pharmacopoeia

