

UNIVERSITY OF MADRAS
B.Sc. DEGREE COURSE IN CHEMISTRY
SYLLABUS WITH EFFECT FROM 2020-2021

BCY-DSC13

CORE-XIII: MAJOR PRACTICAL-III

Learning the gravimetric estimation of some anions and cautions

Semester	Subject Title	Total Hours	Credit
V & VI	Inorganic Quantitative Analysis - Gravimetric Analysis	90	4

1. Estimation of Lead as Leadchromate
2. Estimation of Barium as Barium chromate
3. Estimation of Nickel as Nickel - DMG complex.
4. Estimation of Calcium as Calciumoxalate
5. Estimation of Barium as Barium sulphate
6. Estimation of Sulphate as Bariumsulphate.
7. Estimation of Aluminium as Aluminium oxinate (for demonstration)
8. Estimation of Silver as Silver chloride (fordemonstration)

Books for References

1. Venkateswaran, V. Veeraswamy R. Kulandaivelu A.R., Basic Principles of Practical Chemistry, 2nd Edition, New Delhi, Sultan Chand & Sons,(1997).
2. Jeffery G.H., Bassett J., Mendham J. And Denney R.C, Vogel's Text book of Quantitative Chemical Analysis, 5th ed., John Wiley & Sons Inc., New York,1989.