

DEPARTMENT OF BIOTECHNOLOGY

17BTCC87-BIOINSTRUMENTATION LAB

LIST OF EXPERIMENTS

1. Validating Lambert – Beer's law using KMnO_4 .
2. Determination of complementary color and complementary wavelength
3. Precision and Validity in an experiment using Absorption spectroscopy.
4. Finding the Stoichiometry of the Fe (1,10Phenanthroline Complex) using Absorption spectroscopy.
5. UV spectra of Nucleic Acid.
6. Estimation of Alizarin Aluminium complex
7. Estimation of Al^{3+} concentration using Alizarin in the spectrometer.
8. Estimation of Sulphate by Nephelometry.
9. Experiments on
 - a. Conductivity meter
 - b. Turbidity meter.
10. Estimation of Dissolved oxygen.
11. Determination of Fe^{2+} content in fruit juices

A. J. H.

HOD