

## PHARMACEUTICAL ANALYSIS- II LAB

### List of Experiments

1. Interpretation of IR Spectra of any two compounds.
2. Determination of  $\lambda_{\max}$  of few bulk drugs.
3. Assay of any two bulk drugs and their formulations by UV-Spectrophotometry.
4. Assay of any two bulk drugs and their formulations by Colorimetric method.
5. Assay of Quinine Sulphate by Fluorimetry.
6. Ascending paper chromatography.
7. Radial Paper chromatography.
8. Two dimensional paper chromatography.
9. Thin layer chromatography.
10. Column chromatography.
11. Determination of amino acids by paper electrophoresis.
12. Gel electrophoresis ( Demonstration only ).
13. HPLC ( Demonstration Only ).

### ADDITIONAL EXPERIMENTS

14. Study of Quenching by Fluorimetry.
15. Estimation of Sulfanilamide by Colorimetry.