

Engineering Chemistry Lab

Labs/EC1, EC2 & EC3

List of Experiments:

1. Estimation of hardness of water by EDTA method
2. Determination of alkalinity of water
3. Determination of strength of HCl by conductometry
4. Determination of strength of CH_3COOH by conductometry.
5. Potentiometry - determination of Fe^{+2} by using KMnO_4 .
6. Determination of surface tension
7. Determination of viscosity of a lubricant
8. Determination of the rate constant of acid catalysed hydrolysis of methyl acetate
9. Synthesis of a polymer(urea-formaldehyde and phenol –formaldehyde resin)
10. Estimation of copper by colorimetry
11. Adsorption of acetic acid by charcoal
12. Synthesis of Aspirin and Paracetamol
13. Saponification/acid value of an oil