

List of experiments for CHM-208 (P):

1. Rate constant of acid catalyzed hydrolysis of sucrose by polarimetric method.
2. Rate constant of acid catalyzed hydrolysis of sucrose by chemical method.
3. Rate constant of FeCl_3 -catalyzed H_2O_2 decomposition by gasometric method.
4. Degree of hydrolysis of urea hydrochloride by kinetics method.
5. Saponification of ethylacetate conductometrically
6. Determination of solubility and solubility product of sparingly soluble salt conductometrically.
7. Kinetic study of H_2O_2 and KI reaction
8. Potentiometric titration of a redox system (ferrous ammonium sulfate with $\text{K}_2\text{Cr}_2\text{O}_7$)
9. Adsorption of acetic acid on charcoal to verify Freundlich adsorption isotherm.