

EXPERIMENTS

1. Calibration of volumetric apparatus and weights, and statistical treatment of data
2. Determination of percentage of tin in brass sample gravimetrically
3. Determination of nickel(II) in nickel steel gravimetrically using dimethylglyoxime
4. Determination of pK_a value of phosphoric acid titrimetrically
5. Determination of total alkalinity of OH^- , HCO_3^- , CO_3^{2-} for a water sample
6. Determination of ascorbic acid in a vitamin C tablet iodometrically
7. Determination of hard water
8. Determination of available chlorine in a bleaching powder sample iodometrically
9. Determination of zinc by $K_4Fe(CN)_6$ by precipitation titration
10. Determination of silver by Mohr's/Volhard's/Fajan's method