

GENERAL CHEMISTRY MINILAB

1. Error in measurement. Significant digit. Accuracy of measurement.
2. Measuring pH. Investigating pH of drinking waters, milk, juices, intergredients... Natural pH Indicators.
3. Acid-bazơ HCl – NaOH titration. Determination of water alkalinity.
4. Redox titration: determination of KMnO_4 concentration by the oxalic-acid standard. Determination of chemical oxygen demand (COD).
5. Precipitaion titration: determination of chloride ion in brackish water.
6. Chemical Equilibrium.
7. Rate of reaction. Chemical kinetic.
8. Ganvanic cell, and hydrolyses. Fuel cell.