
LIST OF PHYSICAL CHEMISTRY LAB EXERCISES
For Students of Faculty of Chemical Technology
Chemical Technology
Semester IV, year. 2023/2024

CHEMICAL KINETICS

1. Temperature dependence of the reaction rate constant.
2. Ionic strength influence on the chemical reaction rate constant.

ELECTROCHEMISTRY

3. Potential of electrochemical deposition of hydrogen.
4. Determination of the Liquid Junction potential.

SURFACE EQUILIBRIUM

5. Solid-Liquid Adsorption. Determination of the adsorption isotherm coefficients.
6. Surface tension determination.