

LIST OF PHYSICAL CHEMISTRY LAB EXERCISES

For Students of Faculty of Chemical Technology

Chemical Technology

Semester IV, year. 2024/2025

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.