
LIST OF THERMODYNAMICS LAB EXERCISE

For Students of Faculty of Chemical Technology

Chemical Technology

Semester III, year. 2023/2024

PHASE EQUILIBRIUM

1. The dependence of vapour pressure on temperature – Distillation.
2. Thermal Analysis.
3. Equilibrium in ternary system - extraction.

CHEMICAL EQUILIBRIUM

4. The Temperature dependence of the equilibrium constant.
5. Enthalpy of neutralization reaction.
6. Determination of the thermodynamic functions of chemical reaction.