

STUDENT EXERCISE PLAN FROM THE ORGANIC CHEMISTRY LABORATORY

PHARMACY – SECOND YEAR WINTER SEMESTER 2025/2026

Purification:

Job reference number	Purification 1	Purification 2	Purification 3
1	Simple distillation	Crystallisation	Extraction
2	Fractional distillation	Crystallisation	Extraction
3	Extraction	Simple distillation	Crystallisation
4	Extraction	Fractional distillation	Crystallisation
5	Crystallisation	Extraction	Simple distillation
6	Crystallisation	Extraction	Fractional distillation

Preparation:

Job reference number	Preparation 1	Preparation 2	Preparation 3
1	t-butyl chloride	sulfanilic acid	4-nitroacetanilide
2	t-butyl chloride	sulfanilic acid	4-nitroacetanilide
3	4-nitroacetanilide	t-butyl chloride	sulfanilic acid
4	4-nitroacetanilide	t-butyl chloride	sulfanilic acid
5	sulfanilic acid	4-nitroacetanilide	t-butyl chloride
6	sulfanilic acid	4-nitroacetanilide	t-butyl chloride