

University of Al-Anbar

College of Pharmacy

Department of Pharmaceutical Chemistry

Title of the course: *Practical Organic Chemistry I*

Level: 1st Class, 2nd Semester

Credit hours: **Laboratory 1 credit 2 hours/week**

Tutors:

Reference text: *Handbook for practical organic chemistry*

Objectives:

No	Lab title	hours
1.	Determination of melting point (Known sample).	2
2.	Determination of melting point (quiz and unknown).	2
3.	Determination of boiling point (known sample).	2
4.	Determination of boiling point (quiz and unknown).	2
5.	Elemental analysis (explanation of basic concepts).	2
6.	Elemental analysis (known quantity and quality sample).	2
7.	Solution and filtration techniques (explanation of basic concepts).	2
8.	Re-crystallization (known sample).	2
9.	Re-crystallization (quiz and unknown sample).	2
10.	Extraction technique (known sample).	2
11.	Extraction technique (quiz and unknown).	2
12.	Distillation techniques (known samples).	2
13.	Distillation techniques (quiz and unknown).	2
14.	Sublimation technique (known sample).	2
15.	Sublimation technique (quiz and unknown).	2