

Organic Chemistry Laboratory Practice II. for Pharmacist Students (2019/2020)**GYKSZ08P3-29**

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Wednesday: 8:00-12:00, E-204

Week	Date	
1.	11 th Sept.	Receiving of laboratory equipment. Safety education. Practice: Recrystallization of acetanilide from water, filtration, TLC, determination of melting point.
2.	18 th Sept.	Written test: Safety rules and laboratory equipment. Practice: Separation of benzoic acid and benzanilide by liquid-liquid extraction.
3.	25 th Sept.	Written test: Purification and identification of solid compounds and distillation methods. Practice: Identification of hydroxy derivatives of hydrocarbons. Identification of unknown compounds.
4.	2 nd Oct.	Written test: Chemistry of hydroxy derivatives of hydrocarbons (alcohols, phenols). Practice: Preparation of benzotriazole and 3-nitroaniline.
5.	9 th Oct.	Written test: Preparation of benzotriazole and 3-nitroaniline. Practice: Identification of amino derivatives of hydrocarbons. Identification of unknown compounds.
6.	16 th Oct.	Written test: Preparation and chemistry of amines and diazonium salts. Practice: Isolation of Piperine from black pepper. Preparation of benzoic acid.
7.	23 rd Oct.	National Holiday No practice
8.	30 th Oct.	Written test: Isolation of Piperine from black pepper. Preparation of benzoic acid. Practice: Identification of oxo derivatives of hydrocarbons. Identification of unknown compounds.
9.	6 th Nov.	Written test: Preparation and chemistry of aldehydes and ketones. Practice: Synthesis and separation of 4-chlorobenzoic acid and 4-chlorobenzyl alcohol. TLC, determination of melting point.
10.	13 th Nov.	Written test: Synthesis and separation of 4-chlorobenzoic acid and 4-chlorobenzyl alcohol. Practice: Preparation of 2,3-diphenyl-quinoxaline and 2,6-dibenzylidene-cyclohexanone.
11.	20 th Nov.	Written test: - Practice: Isolation and saponification of the glyceride of nutmeg. TLC, determination of melting point.
12.	27 th Nov.	Written test: - Practice: Identification of unknown compounds.
13.	4 th Dec.	Written test: - Practice: Preparation of <i>O</i> -acetyl-salicylic acid.
14.	11 th Dec.	Written test: Preparation of <i>O</i> -acetyl-salicylic acid. Practice: Isolation of carvone from caraway seed.