

## **Laboratory works for course of «Bioorganic chemistry»**

**Lab.1.** Safety technology of organic chemistry laboratory. Chemical technology of organic substances. Instruments, chemicals and labware.

**Lab.2.** Determine the amino acids, quantitative and qualitative analyses. Qualitative analysis of Lidocaine by chromatographic method.

**Lab.3.** Qualitative analysis compositions of antiinflammation extracts by using paper chromatography.

Analysis of acetyl salicylic acid (aspirin).

**Lab.4.** Qualitative analysis compositions of painkiller extracts by using paper chromatography.

**Lab.5.** Qualitative analysis of routine by method of chromatography.

**Lab.6.** Determine the contents of polysaccharide. Determine vitamin c ( $V_C$ ), Quantitative and qualitative analyses.

**Lab.7.** Determine Vitamin B ( $V_B$ ), Quantitative and qualitative analyses.

**Lab.8.** Purification of protein by using dialysis method.

**Lab.9.** Qualitative analysis of protein in laboratory.

**Lab.10.** Determining the influence PH on the amylase ferment.

**Lab. 11.** Making Conclusion