

## **ANNOTATION**

**of report on a pre-diploma practice of a 4th year student, of group BT-21  
direction of training 7.05140101 - Industrial Biotechnology**

**Litash Anna Stanislavovna**

**on the topic of "Analysis of technology of preparation of medicinal products  
in the enterprise on the example of the drug "Farmasulin N"'"**

Report on the pre-diploma practice is set out in 39 pages of printed text. The report consists of introduction, three chapters, conclusions, list of references and contains 1 figure, 2 schemes.

In the report on undergraduate practice describes the production of the drug "Farmasulin N".

In the introduction justified the relevance of the chosen topic of the research, described the purpose of externship and its objectives.

The first part of the report is devoted to the history of development of PJSC "Farmak", a description of the organizational structure. Marketing policy and policy on quality.

In the second part of the report presents characteristics of the finished medicinal product, the technological scheme of manufacture, description of technological process and quality control methods.

In the third part of the report presents the technical safety and labour protection.

The Appendix contains the hardware and technological scheme of production of the drug Farmasulin N, insulin human biosintetica.

As a result of performing externship following tasks were solved: the analysis of the organizational structure of the enterprise. Economic activities, process of strategic and operational planning. Key and supporting processes. The quality management system etc.

For the results of the externship following conclusions: obtaining high-quality, safe and effective medicines, which could be quite competitive on the market of medicines, is impossible without the optimum choice of modern technologies, hardware design and compliance with the rules of production processes, GMP.