

**ANNOTATION**  
**of report on a pre-diploma practice of a 2th year student, of group BT-71mp**  
**specialty 162 - Biotechnologies and Bioengineering**  
**specialization Industrial Biotechnology**  
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**Topic «Production of the substance cefadroxil in bulk»**

The report on pre-diploma practice is presented in 39 pages of printed text. The report consists of an introduction, five sections, conclusions, a list of sources used, including 16 links and applications.

The report on pre-diploma practice describes the production of the substance of cefadroxil.

The introduction substantiates the relevance of the chosen topic of research, describes the purpose of pre-diploma practice and its task.

The aim of pre-diploma practice is to familiarize with the enterprise as an independent production and economic unit; consolidation and deepening of knowledge on theoretical disciplines and expanding the experience of practical work; familiarization with production technologies, structural features of equipment and modes of its operation.

The first part of the report is devoted to the characteristics of the enterprise, the history of its occurrence and the main product range.

The second part of the report highlights the main points of the water supply and energy supply of the enterprise, outlining the supporting stages of production, such as: preparation of equipment, communications, personnel and premises. The technology of obtaining water of pharmaceutical quality is given.

The third part of the report presents the main technological equipment. The main stages of ensuring labor protection and environmental protection are described. It describes how quality control is carried out at the enterprise.

The annexes provide technological reception of pharmaceutical water and preparation of ventilation air for clean rooms, equipment schemes for the preparation of ventilation air, the preparation of stoppers, caps and bottles, and the packaging, labeling and shipment scheme.

As a result of the implementation of pre-diploma practice at the enterprise, we managed to get acquainted with the structure and mode of operation of the company, consolidate and deepen knowledge of special disciplines and gain some experience in the pharmaceutical company. We got acquainted with the peculiarities of the operation of the water preparation system of various stages of cleaning, the methods of fence and cleaning of ventilation and technological air.

Key words: Kievmedpreparat, Enterprise, Cefadroxil, Tsefangin, Substance,  
Water of pharmaceutical quality