

ANNOTATION
of report on a pre-diploma practice of a sixth-year student, group BT-51s
specialty 7.05140101 - Industrial Biotechnology
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" Production of the drug Farmasulin H, biosynthetic human insulin "

Report pre practices contained 39 pages of printed text. The report consists of an introduction, three chapters, conclusions, list of references and 2 applications.

The report of the pre-diploma practice are describing production Farmasulin H - drug based on biosynthetic human insulin produced using recombinant DNA technology. The drug belongs to a sterile medicines.

In the introduction the urgency of the chosen research topics described purpose of pre-diploma practice and its problems.

The first part of the report is devoted to the history of formation and development of "Farmak" JSC. Today, the company ranks first among domestic pharmaceutical companies, providing 11% of the production of medicines in the country. Also the legal status, ownership, organizational structure, marketing policy and quality.

In the second part of the report provides an analysis of technology of production on the example of the drug "Farmasulin H". Considered characteristic of the finished medicinal product and technology hardware circuits of production, a description of the process and control quality.

In the third part of the report presents the basics of safety and health in the enterprise.

In the appendix technological and hardware circuits drug production Farmasulin H, biosynthetic human insulin.

As a result of pre-diploma practice have been resolved following tasks: consolidating and deepening knowledge of theoretical disciplines and expand practical experience; familiarization with the technology of production, the design of equipment and modes of operation. Also, an analysis of the organizational structure, business activities, the strategic and operational planning, core and supporting processes, quality management systems and more.

According to the results of the pre-diploma practice the following conclusions were made that the "Farmak" JSC - is the recognized market leader in pharmaceuticals and pays attention to the development of new medicines and improving production methods and quality control. Activity of "Farmak" JSC is based on the fundamental principles of modern management, to meet the requirements of international quality standards ISO 9001: 2000, ISO 14001 and sectoral rules of drug production GMP.