

## **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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The report on pre-diploma practice is outlined on 32 pages of printed text. The report consists of an introduction, five sections, conclusions, a list of references and contains 1 figure and 1 table.

The report on pre-diploma practice describes the production of recombinant insulin in cartridges.

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

The first part of the report is devoted to the characteristics of the enterprise.

The second part of the report provides an overview of literature.

The third part of the report presents the characteristics of the final product.

The fourth part of the report substantiates the technological scheme of production.

The fifth part of the report describes the stages of the technological process.

The Annexes contain technological and apparatus schemes for the production of recombinant insulin in cartridges.

As a result of the implementation of pre-diploma practice, the following tasks were solved: the structure of the enterprise Kyivmedpreparat OJSC was considered, the characteristics of the final product were given, the technological process was described.

According to the results of the pre-diploma practice, the following conclusions were drawn:

- The quality control system in an enterprise depends on many factors, for example, such as: the standard of organization of work and the standard of quality control at the enterprise.

- Provision of control parameters, the fulfillment of which ensures the proper quality of products and personnel safety.

**INSULIN, DIABETES, GMP, CARTRIDGES**