

ANNOTATION

of report on a pre-diploma practice of a 4th year student, of group BT-21

direction of training 7.05140101 - Industrial Biotechnology

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“Production of recombinant insulin”

Report on a pre-diploma practice contained 23 pages of printed text. The report consists of an introduction, six chapters, conclusions, list of sources and contains 1 picture.

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

In the introduction the topicality of the chosen theme proved, described purpose of pre-diploma practice and its problems.

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

In the second part of the report are ancillary stage of production presented: preparation of facilities, equipment, water and air.

In the third part of the report presented characteristics of raw materials and auxiliary materials.

The fourth part of the report is devoted to the characterization and description of the main process equipment.

In the fifth part of the report detailed basic process of vaccine production.

In the sixth part of the report described system of quality control of production.

In the appendix presented technological and hardware circuits of insulin production.

As a result of pre-diploma practice have been resolved following tasks: considered the basic production process, given the characteristics of the equipment and described basic methods of quality control.

According to the results of the pre-diploma practice it was made the following conclusions:

Production of sterile medications is a complex and responsible process that requires continuous monitoring of cleanliness of premises, equipment, personnel, intermediate and end products.