

ANNOTATION
of report on a pre-diploma practice of a 4th year student, of group BT-31
direction 6.051401 - Biotechnology
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on the topic of "Technology of human's recombinant insulin
producing"

The report contains 36 pages of printed text. It consists of an introduction, six chapters, conclusions, list of references and contains 2 figures and 3 tables.

The characteristics of the enterprise "Indar" and the production of recombinant human insulin are given in the report on the pre-diploma practice.

In the introduction the importance of practice is substantiated, the purpose of the practice and its objectives are described.

The first part of the report describes the general characteristics and history of the enterprise "Indar".

Characteristics of insulin are presented in the second part of the report: history of its discovery, the structure and types of insulin.

The third part of the report presents the ways of production of insulin.

The technology of producing insulin at the enterprise "Indar" is described in the fourth part of the report.

The fifth part of the report is devoted to methods of waste disposal.

The sixth part of the report contains general provisions safety and health.

The Applications contains hardware and technological scheme of human recombinant insulin production at the enterprise "Indar".

As a result of execution of pre-diploma practice, the following tasks were solved: the technology of production of insulin was described, a description of the types of insulin was presented, production equipment were described.

As a result of pre-diploma practice following tasks had been resolved: a production of insulin is a difficult and responsible process that requires corresponding qualification of personnel and permanent control of apartments and equipment cleanness.