

ANNOTATION
of report on a pre-diploma practice of a 2th year student, of group BT-71mp
specialty 162 - Biotechnologies and Bioengineering
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"Production of ivermectin for veterinary in injection ampoules "

The report on pre-diploma practice is writhed on 57 pages of printed text. The report consists of an introduction, seven sections, conclusions, a list of references, and contains 6 figures, 5 formula and 8 tables.

The report on pre-diploma practice describes the production of ivermectin for veterinary in injection ampoules.

The introduction substantiates the relevance of the chosen topic of study, 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 history of its creation and production, which today produces the factory.

The second part of the report presents the auxiliary stages of production, describes the conditions for carrying out the auxiliary works and the equipment used for this purpose.

The third part of the report contains requirements for raw materials and auxiliary materials.

The fourth part of the report gives the characteristics of the biological object and the conditions of the biosynthesis of the producer.

The fifth part of the report describes the technological process.

The sixth part of the report describes the scheme of standardization and packaging of finished products.

In the seventh part of the report, the types of waste of this production are given

The eighth part describes the measures to ensure the safety of life and labor protection existing at the enterprise

The ninth part of the report provides a general scheme of quality control.

The annexes show technological and hardware schemes for the production of ivermectin for veterinary use in injection ampoules.

As a result of the implementation of pre-diploma practice, the following tasks were solved: the auxiliary and packaging stages of ivermectin for veterinary use in injection ampoules were considered, a description of ivermectin was given, the active substance and methods of quality control of the medicinal product were described, etc.

According to the results of pre-diploma practice, the following conclusions were drawn: the pharmaceutical production of antiparasitic drug ivermectin - a very complex process, which consists of many operations, stages and which involves a large number of workers. Production requires strict compliance with the standards and procedures registered in the documents for the creation of really high-quality products.

Key words: avermectin, antiparasitic, antibiotic, poison neurotoxin, veterenarnyy.