

ANNOTATION
of report on a pre-diploma practice of a 2th year student, of group BT-71m1
specialty 162 - Biotechnologies and Bioengineering
specialization Industrial Biotechnology
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on "Manufacturing solution tsiankobalaminu"

Report on undergraduate practice contains 45 pages of printed text. The report consists of an introduction, six chapters, conclusions, list of references and 2 figures, 3 formulas and 2 tables.

The report of the pre-diploma practice describes the production Cyanocobalamin solution.

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 devoted to the history and development of the invention pharmaceutical company "Kyivmedpreparat", the evolution of the production process on it.

In the second part of the report shows the characteristics Cyanocobalamin.

In the third part of the report a description of the stages of the process of manufacturing Cyanocobalamin is represented.

In the fourth part are various methods of process control.

The fifth part contains a set of measures for environmental protection, restoration of natural resources and waste disposal.

In the sixth part contains data on labor protection at the enterprise.

In the addition hardware circuits.

As a result of pre practices following tasks have been resolved: The process manufacturing solution cobalamin, given the characteristics of the target product, the methods described process control, safety measures and environmental protection.

According to the results of the pre-diploma practice the following findings were made: high-quality products provided by the use of innovative technologies and equipment, compliance with GMP, strict control of incoming raw materials. Recognition on Ukrainian and international production provided by such characteristics as the introduction of quality management, with special attention to environmental factors, production flexibility and mobility, optimum prices with high quality and efficiency.

CIANCOBALAMIN, PJSC "KYIVMEDPREPARAT", SOLUTION FOR INJECTION, GMP, ECOLOGY, QUALITY, EFFICIENCY.