

ANNOTATION
of report on a pre-diploma practice of a 4th year student, of group BT-31
direction of training 6.051401 – Biotechnology
Stepanyuk Bogdan

topic: "Production of DIA-HIV-Ag/Ab test-system»

Report on undergraduate practice contained 70 pages of printed text. The report consists of an introduction, seven chapters, conclusions, list of references and includes 5 figures and 1 table.

The report of the pre-diploma practice describes the production test system for the detection of antibodies to *Treponema pallidum*"

In the introduction, the urgency of the chosen research topics described the purpose of pre-diploma practice and its problems.

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

The second part of the report presents the theoretical foundations of the technologies used in the enterprise.

In the third part of the report presents the etiology and pathogenesis of syphilis.

In the fourth part - technological scheme of manufacturing test systems.

In the fifth part of the report provides a brief description of the main stages of the process.

In six of the report described production control and finished products.

In the seventh section describes the safety and environmental protection.

As a result of pre-practices have been resolved following tasks: A technology of test systems for the detection of antibodies to *Treponema pallidum*, given the characteristics of the finished product described production control and safety.

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

As a result of practical training at the enterprise "Diaproph-Med" examined the structure and main objectives of the company, its technical and economic indicators, main activities, the range of products. Also investigated were the main production process lines and individual technological operations, operating principle and mode of operation of the main processing equipment described auxiliary and main stages of the process of production test systems, methods theoretical basis underlying production technology. It made the task of individual practice on the topic "Development of technological schemes for enzyme-linked immunosorbent system for the detection of antibodies to *Treponema pallidum*."