

INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Bulgaria	REPORT		
SUBJECT	Khimiko-Farmatsuticheski Zavod	DATE DISTR.	25 May 1955	25X1
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1. Khimiko-Farmatsuticheski Zavod (the Chemical-Pharmaceutical Factory), the former Galenus Works, is located about 6-7 kilometers from the center of Sofia in the direction of Ilentsi. The plant, which has been enlarged, now consists of one large building and four small structures, which house the production departments, a carpentry shop and a store room. The former Opus Medical Factory in Sofia is now under the control of this factory.
2. The following production departments comprise the factory:
 - a. Inorganic drugs (Neorganicheski Otdel);
 - b. Organic drugs (Organicheski Otdel);
 - c. Sulfonamides (Sulfonamidi Otdel);
 - d. Antipyretics (Otdel Antipiretitsi);
 - e. Tablets (Tableten Otdel);
 - f. Ampoule-filling (Ampulen Otdel);
 - g. Dental materials (Zubolekarski Otdel);
 - h. Alkaloids (Otdel Alkaloidi); and
 - i. Organic preparations (Otdel Organopreparati).
3. The plant includes analytical, bacteriological, and experimental laboratories.
4. The inorganic section, which employs about 20 workers in one shift, produces mainly barium, sodium, and magnesium sulphates in sufficient quantity to supply the country. The necessary raw materials are supplied locally. The equipment of this section consists of four 500-liter autoclaves, two or three filters, and two drying cabinets.

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5. The organic department, whose principal products are guanidine, rimifon, izasen (izafen), and phtalein-phenol, employs 15 workers. These drugs are produced in insufficient quantity to fulfill national needs, and large quantities of these drugs must be imported. The raw materials used for this production are also imported: guanidine from the USSR; piridin and phenol [redacted] zinc, acetic acid and annydride from Czecho-slovakia. 25X1
6. Until September 1954 the only product of the sulfonamides section, which employs about 20 workers, was small quantities of streptocide album. The component chemicals are imported. The equipment of the department, which is old, includes four or five autoclaves and two centrifugal and drying cabinets.
7. In 1954 the antipyretics department employed 15-20 workers, but production was to be expanded in 1955 with the arrival of new machines from Hungary. This department produces antipyrine, novalgine, piramidon, and chiefly, aspirin. Difficulties accompanied the initial production of piramidon according to the Soviet formula, as the Soviets refused to supply the raw materials. Finally the materials were obtained principally from Western Germany, with the remainder from Czechoslovakia. Of the requisites for the production of aspirin, acetic acid is imported from Czechoslovakia and salicylic acid from Rumania.
8. The tablet department employs about 80 workers.
9. The raw materials for the ampoules section are principally imported from Czechoslovakia [redacted] and Hungary. The production of this section does not satisfy the requirements of the country. 25X1
10. The dental materials department was closed down in late 1954, prior to reorganisation and expansion.
11. There are five or six workers in the alkaloids department, which produces mainly morphine and dionin. In December 1954, a Soviet expert arrived to instruct the Bulgarians in the production of other substances using morphine as a base.
12. The organic department produces what were formerly Opus preparations. In late 1954 it was known to have started producing insulin.
13. The analytical laboratory employs seven chemists and pharmacists.
14. The laboratory for scientific experiments employs two chemical engineers, who have been experimenting with methods of production of rimifon and firmicon (?) since the middle of 1954. Experiments in the production of novocaine and phencetin have also been made. In 1955 a Hungarian expert was to arrive to assist in the production of the latter two drugs.
15. The bacteriology department employs only one doctor who is engaged in research work.
16. All of the laboratories are located on the third floor of the central building of the Khimiko-Farmatsuticheski Zavod.
17. The following persons are known at the factory:
 - a. Nikola Gospodinov, director of the organic department; and
 - b. Emil Hadzhiev, director of the antipyretics department.

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