

**Sample of individual task on internship  
'in the internship in quality control of medicines  
for students for students in 2020 admission  
according to the educational program  
specialist degree  
in the specialty of training 33.05.01 Pharmacy  
direction (profile) Pharmacy,  
form of study full-time (face to face)  
for the 2024-2025 academic year**

*Title page:*

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Federal state budgetary educational institution of higher education  
'Volgograd State Medical University  
Ministry of Health Russian Federation

**INDIVIDUAL TASK**

for the formation of competences established by the working programme  
internship

'Practice on quality control of medicines'

student of the \_\_\_course of the \_\_\_group,  
studying on the educational programm  
specialist degree  
in the specialty of training 33.05.01 Pharmacy  
direction (profile) Pharmacy

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*(Full name of the student)*

Term of practice: from \_\_\_\_\_ to \_\_\_\_\_ .

Base of practice: \_\_\_\_\_.

Practice supervisor from VolgSMU: full name, contact phone number.

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***Topics of individual tasks of educational and research work on practice (work is carried out in one direction):***

1. To study the complex of equipment available at the production base for determination of drug substance solubility.
2. To study the complex of the equipment available at the production base to determine the disintegrability of tablets and capsules of drugs.

3. To study the complex of the equipment available at the production base to determine the abrasion of tablets of drugs.
4. To study the complex of the equipment available at the production base to determine the refractive index and according to it the concentration of the liquid form of drugs.
5. To study the complex of the equipment available at the production base for photolorimetric determination of drugs.
6. To study the complex of the equipment available at the production base for determination of pH of aqueous solutions of drugs.
7. Study the complex of equipment available at the production base for the determination of impurities of inorganic ions in the substance and tablets of drugs.
8. To study the complex of measures and equipment at the production base for analysis of purified water and water for injections and implement it.
9. To study the complex of equipment available at the production base for quantitative assessment of drugs by titrimetric method (acid-base titration).
10. To study the complex of equipment available at the production base for quantitative estimation of drugs by titrimetric method (oxidimetry).
11. Study the set of equipment available at the production base for quantitative assessment of drugs by titrimetric method (complexometry).

Considered at the meeting of the department of Pharmaceutical and Toxicological Chemistry, pharmacognosy and botany "28" August 2024, protocol No1

Head of the Department



Ozerov A.A.