AMENDMENTS AND CHANGES TO THE CURRICULUM IN THE EDUCAIONAL DISCIPLINE

«Standardization of Drugs»
for the specialty 1-79 01 08 Pharmacy

2023/2024 academic year

Amendments and changes	Basis/Reason
1. No changes were made to the thematic plan and the educational-methodical map	Educational Plan for 2023/2024 academic year
2. No changes were made to the educational and methodological map and the list of lectures and practical exercises	Schedule of training sessions of 2023/2024 academic year
3. The list of practical skills has been updated according to Appendix No. 1	Department meeting of 08.06.2023, protocol *No.* 11.

The curriculum is revised and approved at the department meeting
Pharmaceutical Chemistry (protocol *No.* 11. 08.06.2023)

Head of the Pharmaceutical
Chemistry department
Ph.D., associate professor _____ R.I.Lukashou

APPROVED
Dean of the Medical Faculty
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Application No. 1

The list of practical skills in the academic discipline "Standardization of medicines" for the 2023-2024 academic year

1. Carry out quality control of a 2% boric acid solution by the titrimetric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

2. Carry out quality control of magnesium sulfate solution 5% by refractometric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

3. Conduct quality control of purified water. Submit control results. Make a conclusion about the quality of the obtained sample.

4. Conduct quality control of water for injection. Submit control results. Make a conclusion about the quality of the obtained sample.

5. Carry out quality control of glucose solution 5% by refractometric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

6. Carry out quality control of glucose solution 5% by titrimetric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

7. Carry out quality control of magnesium sulfate solution 1% by titrimetric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

8. Carry out quality control of calcium chloride solution 2% by titrimetric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

9. Establish the compliance of the tested medicinal plant material in terms of "External signs" with a private article and determine the content of impurities in it. Make a conclusion about the quality of the tested medicinal herbal raw materials according to the quality indicators being checked. Prepare a test report.

10. Carry out a quantitative determination of Ibuprofen capsules using spectrophotometric methods of analysis. Make a conclusion about the quality of the tested medicinal product in terms of the quantitative content of active substances.

11. Carry out quality control of sodium sulfacyl solution 15% by titrimetric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

12. Carry out quality control of sodium sulfacyl solution 15% by refractometric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

13. Carry out quality control of sodium sulfacyl solution 15% in terms of authenticity. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

14. Carry out quality control of ascorbic acid powder by titrimetric method. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

15. Carry out quality control of dimedrol 1% solution in terms of authenticity. Submit control results. Make a conclusion about whether the dosage form is satisfactorily prepared.

Head of the Pharmaceutical
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