

**Criteria for assessing results of students' educational activities at  
the Department of Pharmaceutical Chemistry with a course of  
advanced training and retraining  
IN THE DISCIPLINE "PHARMACEUTICAL CHEMISTRY"  
in the specialty 1-79 01 08 / 7-07-0912-01 "Pharmacy"**

**10 points (ten):**

systematized, deep and complete knowledge of all sections of the academic discipline "Pharmaceutical Chemistry" curriculum, as well as on the main issues that go beyond it;

accurate use of scientific terminology (including in a foreign language) recommended by curriculum of the academic discipline "Pharmaceutical Chemistry";

competent, logically correct presentation of answers to questions, ability to make well-founded conclusions and generalizations;

impeccable mastery of the academic discipline "Pharmaceutical Chemistry" tools, ability to effectively use them in setting and solving scientific and professional problems;

pronounced ability to independently and creatively solve complex problems in non-standard situations;

complete and deep assimilation of basic and additional literature on the academic discipline "Pharmaceutical Chemistry", as well as literature on issues of medicines quality control that goes beyond the scope of this program;

ability to freely navigate theories, concepts and directions of the academic discipline "Pharmaceutical Chemistry", to give them an analytical assessment, to use scientific achievements of other disciplines;

creative independent work in laboratory classes on the academic discipline "Pharmaceutical Chemistry", active creative participation in group discussions, high level of culture in completing assignments.

**9 (nine) points, passed:**

systematized, deep and complete knowledge of all sections of the academic discipline "Pharmaceutical Chemistry" curriculum;

accurate use of scientific terminology (including in a foreign language), competent, logically correct presentation of the answer to questions of the academic discipline "Pharmaceutical Chemistry";

mastery of the academic discipline "Pharmaceutical Chemistry" tools, ability to effectively use them in setting and solving scientific and professional problems;

ability to independently and creatively solve complex problems in a non-standard situation within the framework of the academic discipline "Pharmaceutical Chemistry" curriculum;

complete assimilation of basic and additional literature recommended by the academic discipline "Pharmaceutical Chemistry" curriculum;

ability to navigate theories, concepts and directions of the discipline "Pharmaceutical Chemistry" academic program;

systematic, active independent work in laboratory classes of the academic discipline "Pharmaceutical Chemistry", creative participation in group discussions, high level of culture in completing assignments.

**8 (eight) points, passed:**

systematized, deep and complete knowledge of all sections of the academic discipline "Pharmaceutical Chemistry" curriculum;

use of scientific terminology (including in a foreign language) of the academic discipline "Pharmaceutical Chemistry", competent, logically correct presentation of answers to questions, ability to make well-founded conclusions and generalizations;

mastery of the academic discipline "Pharmaceutical Chemistry" tools, ability to effectively use them in setting and solving scientific and professional problems;

ability to independently and creatively solve complex problems in a non-standard situation within the framework of the academic discipline "Pharmaceutical Chemistry" curriculum;

acquisition of basic and additional literature recommended by the curriculum of the academic discipline "Pharmaceutical Chemistry";

ability to navigate the theories, concepts and directions of the academic discipline "Pharmaceutical Chemistry" and give them an analytical assessment;

active independent work in laboratory classes of the academic discipline "Pharmaceutical Chemistry", systematic participation in group discussions, high level of culture in completing assignments.

**7 (seven) points, passed:**

systematized, deep and complete knowledge of all sections of the academic discipline "Pharmaceutical Chemistry" curriculum;

use of scientific terminology (including in a foreign language) of the academic discipline "Pharmaceutical Chemistry", competent, logically correct presentation of answers to questions, ability to make well-founded conclusions and generalizations;

mastery of the academic discipline "Pharmaceutical Chemistry" tools, ability to effectively use them in setting and solving scientific and professional problems;

fluency in standard solutions within the framework of the academic discipline "Pharmaceutical Chemistry" curriculum;

acquisition of basic and additional literature recommended by the academic discipline "Pharmaceutical Chemistry" curriculum;

ability to navigate main theories, concepts, and directions of the academic discipline "Pharmaceutical Chemistry" curriculum and to give their analytical assessment;

independent work in laboratory classes on the academic discipline "Pharmaceutical Chemistry", participation in group discussions, high level of culture in completing assignments.

**6 (six) points, passed:**

sufficiently complete and systematized knowledge within the scope of the academic discipline "Pharmaceutical Chemistry" curriculum;

use of necessary scientific terminology for the academic discipline "Pharmaceutical Chemistry", competent, logically correct presentation of answers to questions, ability to make generalizations and justified conclusions;

mastery of the academic discipline "Pharmaceutical Chemistry" tools, ability to use them in solving educational and professional problems;

ability to independently apply standard solutions within the framework of the academic discipline "Pharmaceutical Chemistry" curriculum;

mastering basic literature recommended by the academic discipline "Pharmaceutical Chemistry" curriculum;

ability to navigate basic theories, concepts and directions in the academic discipline "Pharmaceutical Chemistry" and give them a comparative assessment;

active independent work in laboratory classes on the academic discipline "Pharmaceutical Chemistry", periodic participation in group discussions, high level of culture in completing assignments.

**5 (five) points, passed:**

sufficient knowledge in the scope of the academic discipline "Pharmaceutical Chemistry" curriculum;

use of scientific terminology of the academic discipline "Pharmaceutical Chemistry", competent, logically correct presentation of answers to questions, ability to draw conclusions;

mastery of the academic discipline "Pharmaceutical Chemistry" tools and ability to use them in solving educational and professional problems;

ability to independently apply standard solutions within the framework of the academic discipline "Pharmaceutical Chemistry" curriculum;

mastering basic literature recommended by the academic discipline "Pharmaceutical Chemistry" curriculum;

ability to navigate basic theories, concepts and directions in the academic discipline "Pharmaceutical Chemistry" and give them a comparative assessment;

independent work in laboratory classes on the academic discipline "Pharmaceutical Chemistry", fragmentary participation in group discussions, sufficient level of culture in completing assignments

**4 (four) points, passed:**

sufficient amount of knowledge in laboratory classes on the academic discipline "Pharmaceutical Chemistry";

mastering basic literature recommended by the academic discipline "Pharmaceutical Chemistry" curriculum;

use of scientific terminology of the academic discipline "Pharmaceutical Chemistry", logical presentation of answers to questions, ability to draw conclusions without significant errors;

proficiency in the academic discipline "Pharmaceutical Chemistry" tools;

ability under the guidance of a teacher to solve standard (typical) problems in the academic discipline "Pharmaceutical Chemistry";

ability to navigate main theories, concepts and directions in the academic discipline "Pharmaceutical Chemistry" and evaluate them;

work under the guidance of a teacher in laboratory classes on the academic discipline "Pharmaceutical Chemistry", an acceptable level of culture in completing assignments.

**3 (three) points, failed:**

insufficiently complete volume of knowledge in the scope of the academic discipline "Pharmaceutical Chemistry" curriculum;

knowledge of some of basic literature recommended by the academic discipline "Pharmaceutical Chemistry" curriculum;

use of scientific terminology, presentation of answers to questions on the academic discipline "Pharmaceutical Chemistry" with significant logical errors;

poor mastery of the academic discipline "Pharmaceutical Chemistry" tools, incompetence in solving standard (typical) problems;

inability to navigate basic theories, concepts and directions of the academic discipline "Pharmaceutical Chemistry";

passivity in laboratory classes, low level of culture of completing assignments

**2 (two) points, not passed:**

fragmentary knowledge within the scope of the academic discipline "Pharmaceutical Chemistry" curriculum;

knowledge of individual literary sources recommended by the curriculum of the academic discipline "Pharmaceutical Chemistry";

inability to use scientific terminology of the academic discipline "Pharmaceutical Chemistry";  
passivity in laboratory classes, low level of culture in completing assignments.

**1 (one) point, failed:**

lack of knowledge and competencies in the scope of the academic discipline "Pharmaceutical Chemistry" curriculum, refusal to answer, failure to appear for certification without a valid reason.

Discussed and approved at the meeting of the Department N. 1 on 08/29/2025.

Head of the Department of  
Pharmaceutical Chemistry  
with a course of advanced  
training and retraining



R.I.Lukashov