

Report on the work of the dissertation council

“6D072100 - Chemical technology of organic substances” at non-profit joint-stock company “KazNRTU named after K.I. Satpaev”, specialty 6D072100 - Chemical technology of organic substances” for 2020.

The report contains the following information:

1. Data on the number of meetings held.

There is 1 meeting which was held:

- The meeting to defend a doctoral dissertation for the degree of Doctor of Philosophy (PhD) Toleutay Gaukhar on the topic “Physico-chemical, complexation, and catalytic properties of linear and cross-linked polyampholytes” was held on February 14, 2020;

2. Members of the dissertation council who attended less than half of the meetings - **no**;

3. Toleutay Gaukhar KazNRTU named after K.I. Satpayev 2016-2019;

4. In the reporting year, the thesis of Toleutay Gaukhar was reviewed on the topic: “Physico-chemical, complexation, and catalytic properties of linear and cross-linked polyampholytes”:

1) The dissertation is dedicated to the fundamentally and practically relevant polymer objects - synthetic polyampholytes of linear and cross-linked structure;

2) Thematics of dissertations are included in state and regional scientific and scientific-technical programs, which are formed by the High Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law “On Science” and (or) state programs;

3) The synthesized highly charged polyampholytes can be tested for solving the following practical problems:

- Use of highly charged polyampholytes as thickeners in enhanced oil recovery technology;
- Desalting of salt solutions to obtain drinking water;
- Purification of waste water from metal ions, organic dyes and surfactants;
- Separation and purification of a mixture of proteins, creation of drugs with prolonged action;
- Development of heat-resistant, active and selective flow catalytic systems operating on the principle of enzymes;

5. Official reviewers in expanded form covered all the important points of the dissertation and recommended work for defense;

6. Proposals for further improving the system of training scientific personnel - **no**;

7. Number of dissertations for the degree of Doctor of Philosophy (PhD), doctor by profile in the context of specialties (areas of training):

1) dissertations accepted for defense - **no**;

2) dissertations withdrawn from consideration (including doctoral students from other universities) - **no**;

3) dissertations, which received negative reviews of reviewers (including doctoral students from other universities) - **no**;

4) dissertations with a negative decision based on the results of the defense (including doctoral students from other universities) - **no**.

Chairman of the Dissertation Council
“Chemical Technology of Organic
Substances”



S.E.Kudaibergenov

Scientific Secretary of DS “Chemical
Technology of Organic Substances”

B.S. Selenova

January 6, 2021