Reference of the applicant for the academic title of associate professor in the scientific direction 10300 - Chemical Sciences

| 1 | First name, surname (if any) | Zhursumbayeva Mariamkul Burhanovna |
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| 2 | Academic degree, date of award | Candidate of Chemical Sciences, specialty 02.00.06 – High molecular weight compounds. Diploma of Candidate of Chemical Sciences: 06.03.2006, Protocol No. 4. GC No. 0001128 |
| 3 | Academic title, date of award | - |
| 4 | Honorary title, date of award | - |
| 5 | Position (date and number of the appointment order) | From September 26, 2008 (ave. No. 39341l/s, 23.10.2008) to August 31, 2011 (ave. No. 1522l/s, 29.07.2011) she was appointed to the position of associate professor, from September 01. 2011 (pr No. 19849l/s, 27.09.2011) to August 31, 2012 (pr No. 1685l/s, 17.08.2012), she was appointed to the position of associate professor, from September 01. 2012 (pr No. 2031l/s, 28.09.2012) to August 31, 2013 (pr No. 992l/s, 24.07.2013) was appointed to the position of Acting associate professor at KazNITU. (it is specified in the personal sheet and work book) from now on, he works as an associate professor of the Department of chemical processes and industrial ecology (Order No. 2078, 31.08.2022) of the Kazakh National Research Technical University named after K. I. Satpayev, Tauken - Metallurgical Institute named after O. A. Baikonurov. |
| 6 | Experience of scientific, scientific and pedagogical activity | The total work experience (excluding periods of study at the University) is 40 years. Scientific and pedagogical activity after the defense of the dissertation is 25 years. Of these, as an associate professor (associate professor) – 8 years. |
| 7 | Number of scientific articles after defending a dissertation | The publications are 15 in total, 5 submitted to the authorized bodies, and the quartile included in the web of Science CoreCollection company's base is in Q1 - 1, Q2 -3, Q3-3 scientific journals, a total of 8-Scopus. |
| 8 | Persons who have defended their dissertation under his supervision and have an academic degree | - |
| 9 | Laureates, prize-winners of republican, international, and foreign competitions, exhibitions, festivals, awards, and Olympiads prepared under his leadership | |
| 10 | Champions or prize-winners of the World University Games, Asian Championships and Asian Games, champion or prize-winner of Europe, the World and the Olympic Games prepared under his leadership | |
| 11 | Additional information | Leading researcher of grant research projects of the Ministry of Education and Science of the Republic of Kazakhstan "Synthesis and development of flocculant production technology based on industrial monomers |

for the needs of industry", 2015-2017. Scientific supervisor Abdiev K.Zh.

Senior Researcher "Optimization of conditions for the synthesis of new surfactants used as flocculants, structure-forming agents and biocidal materials" within the framework of the program No. BR05236302"Scientific and technical justification of chemical cluster innovations in the field of creating new materials and technologies to improve efficiency and environmental sustainability. Scientific supervisor Abdiev K.Zh. 2018-2020.

<u>Scientific guide</u> project AR14870286 on topic:"New polymer biocidal compounds: synthesis and study of properties".2022-2024gg. Scientific supervisor M. B. Zhursumbayeva.

<u>Leading scientific collaborator</u> project AR19678114 "Synthesis and study of properties of environmentally safe surfactants from natural raw materials". (2023-2025 gg). Scientific supervisor Abdiyev K. Zh.

KazNRTU named after K.I.Satbayev, Deputy Director of the Institute, of Mininig and Metallurgy named after O.A.Bajkonurov Ph.D



K.B. Rysbekov .