



№ 207
Алматы қаласы

№ _____
город Алматы

Ethical approval

1.	Full name of PhD student	Ibragimova Olga Pavlovna
2.	Specialty of PhD Program	8D05301 – Chemistry
3.	Time period of study at PhD Program	2019-2022
4.	Theme of the thesis, date of approval	Development of simple and accurate methods for organic pollutants determination in the air based on solid-phase microextraction, date of approval: 23.10.2019
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	Nassiba Baimatova, Ph.D., Associate Professor of the Department of Analytical, Colloid Chemistry and Technology of Rare Elements of Al-Farabi Kazakh National University, Kazakhstan. Dr. Jacek Koziel, Professor Emeritus, Department of Agricultural and Biosystems Engineering, Iowa State University, USA.
6.	Objects of study	Methods for quantification of multiple volatile organic compounds in air using solid-phase microextraction.
7.	Planning, sampling and conducting of study	Violations are not revealed
8.	Dissemination of results or practical implementation	Violations are not revealed
9.	Protection of rights, safety and welfare of research objects	There were not alive research subjects
10.	Code of approval	IRB – A588
11.	Date of study approval	06.04.2023

Chair of LEC

G. Ussatayeva

Secretary of LEC

M. Shaukharova

