

«ӘЛ-ФАРАБИ АТЫНДАҒЫ
ҚАЗАҚ ҰЛТТЫҚ УНИВЕРСИТЕТІ»
КОММЕРЦИЯЛЫҚ ЕМЕС АКЦИОНЕРЛІК ҚОҒАМЫ

ҒЫЛЫМ ЖӘНЕ ИННОВАЦИЯЛЫҚ
ҚЫЗМЕТ ЖӨНІНДЕГІ ДЕПАРТАМЕНТІ
ЖЕРГІЛІКТІ ЭТИКАЛЫҚ КОМИТЕТ



НЕКОММЕРЧЕСКОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО
«КАЗАХСКИЙ НАЦИОНАЛЬНЫЙ
УНИВЕРСИТЕТ ИМЕНИ АЛЬ-ФАРАБИ»

ДЕПАРТАМЕНТ ПО НАУКЕ
И ИННОВАЦИОННОЙ ДЕЯТЕЛЬНОСТИ
ЛОКАЛЬНЫЙ ЭТИЧЕСКИЙ КОМИТЕТ

От _____ № 428

На № _____ от _____

Ethical approval

1.	Full name of PhD student	Anel Kapar
2.	Specialty of PhD Program	8D05301-Chemistry
3.	Time period of study at PhD Program	2020-2023
4.	Theme of the thesis, date of approval	Modeling of solid-phase microextraction of volatile organic compounds from environmental objects, by 02.11.2020
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	Orazbayeva Dina, PhD, KazNU al-Farabi, Kazakhstan Dr. Jacek Koziel, Prof. Emeritus Dept. of Agricultural & Biosystems Engineering Iowa State University, USA
6.	Objects of study	Computational models of processes occurring during solid-phase microextraction of volatile organic compounds from air, water, soil.
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 subjects.
10.	Code of approval	IRB- A935
11.	Date of study approval	31.10.2024

Chair of LEC

G. Ussatayeva

Secretary of LEC

Shaukharova

