«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	№ <i>638</i>
Ha №	OT

Ethical approval

Full name of PhD student	Syrgabek Yerkanat Arkynuly
Specialty of PhD Program	8D05301 – Chemistry
Time period of study at PhD Program	2020-2023
Theme of the thesis, date of approval	Development of methods for the determination of pesticides in grapes using solid-phase microextraction, 14.06.2023
Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	Alimzhanova M.B., Deputy Director of Center of Physical-Chemical Methods of Research and Analysis. Candidate of Chemical Sciences, Assoc. Professor of the Departments of Thermophysics and Technical Physics, Faculty of Physics and Technology, Republic of Kazakhstan. Pedro Antonio García Encina, Professor of the Department of Chemical Engineering and Environmental Technology and Head of the Research Institute of Sustainable Processes of the University of Valladolid, Spain.
Objects of study	Optimization of "green" methods for the determination of pesticides in grapes based on headspace solid-phase microextraction followed by gas chromatography and mass spectrometry.
Planning, sampling and conducting of study	Violations are not revealed
Dissemination of results or practical implementation	Violations are not revealed
Protection of rights, safety and welfare of research objects	The objects of wildlife and habitat are not used
Code of approval	IRB- A1728
Date of study approval	07.10.2025
	Specialty of PhD Program Time period of study at PhD Program Theme of the thesis, date of approval Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship) Objects of study Planning, sampling and conducting of study Dissemination of results or practical implementation Protection of rights, safety and welfare of research objects Code of approval

Chair of LEC

G. Ussatayeva

Secretary of LEC

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