

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

ҒЫЛЫМ ЖӘНЕ ИННОВАЦИЯЛЫҚ
ҚЫЗМЕТ ДЕПАРТАМЕНТІ
ЖЕРГІЛІКТІ ЭТИКАЛЫҚ КОМИТЕТ



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

ДЕПАРТАМЕНТ ПО НАУКЕ
И ИННОВАЦИОННОЙ ДЕЯТЕЛЬНОСТИ
ЛОКАЛЬНЫЙ ЭТИЧЕСКИЙ КОМИТЕТ

№ 243
Алматы қаласы

№ _____
город Алматы

Ethical approval

1.	Full name of PhD student	Amankulova Dinara Yerkinovna
2.	Specialty of PhD Program	8D07105 Chemical Technology of Organic Substances
3.	Time period of study at PhD Program	2020-2023
4.	Theme of the thesis, date of approval	“Development of a method for the non-catalytic synthesis of meta-aryloxyphenols from 1,3-cyclohexanedione”, 13.01.2023
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	M.D. Dyusebaeva - Candidate of Chemical Sciences, Associate Professor, Al-Farabi KazNU, Kazakhstan DLJ Clive - Ph.D., DSc, Professor, University of Alberta, Canada
6.	Objects of study	Cyclohexane-1,3-dione and its derivatives, as well as various reagents and conditions for the synthesis of meta-(aryloxy)phenols.
7.	Planning, sampling and conducting of study	Violations were not revealed
8.	Dissemination of results or practical implementation	Violations were not revealed
9.	Protection of rights, safety and welfare of research objects	Not applicable
10.	Code of approval	IRB- A622
11.	Date of study approval	02.06.2023

Chair of LEC

_____ssatayeva

Secretary of LEC

_____baukharova

