SERIES OF ARTICLES

of the thesis for the degree of Doctor of Philosophy (PhD) on educational program

«8D05301 – Chemistry»

SYRGABEK YERKANAT ARKYNULY

Thesis topic: "Development of methods for the determination of pesticides in grapes using solid-phase microextraction"

1. Y. Syrgabek, M. Alimzhanova, Modern Analytical Methods for the Analysis of Pesticides in Grapes: A Review, Foods. 11 (2022) 16–23. https://doi.org/10.3390/foods11111623

2. Y. Syrgabek, M. Alimzhanova, P.A. García-encina, J. Jose, L. Rebeca, Greenness evaluation of sample preparation methods by GAPI for the determination of pesticides in grape: A review, Trends in Environmental Analytical Chemistry. 39 (2023). https://doi.org/10.1016/j.teac.2023.e00206

3. Y. Syrgabek, M. Alimzhanova, S. Yegemova, S. Batyrbekova, Vacuum-assisted headspace-solid phase microextraction of pesticides in grape samples, Advances in Sample Preparation. 11 (2024) 1–15. https://doi.org/10.1016/j.sampre.2024.100123

4. M. Alimzhanova, Y. Syrgabek*, P.A. García-encina, Eco-Friendly Miniaturized Solid Phase Microextraction for Pesticide Analysis in Grapes, Journal of Separation Science. 48 (2025). https://doi.org/10.1002/jssc.702041of14