Annex F1/V8 to the Certificate No **142**-6

SCOPE of ACCREDITATION

of the

Chemical Service of Peloponnese, Western Hellas and Ionian islands

Department A΄, Laboratory Analysis (Patras)

of the

General Chemical State Laboratory

Tested materials/ products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
Chemical tests		
1. Alcohol, Alcoholic drinks, spirits, wine , sparkling beverages (CN Code 22 06, eg. Ciders, perries)	Determimation of alcoholic content	Method Code: 59 01 AT In house method based on Regulation (EC) 2870/2000 and on the Compendium of International Methods Of Analysis-OIV, OIV method MA-AS312-01A by electronic densimeter
2. Alcohol, Alcoholic drinks	Determination of volatile congeners	Method Code: 59 01 ΠΣ In house method based on Regulation (EC) 2870/2000 by Gas Chromatography
3. Beer	Determination of physicochemical parameters: (alcoholic strength and plato % w/v)	Method Code: 59 01 ΖΥΘ In house method based on Ministerial Decision 3006674/1102/0029 (Official Government Gazette B'528/2010) by electronic densimeter and alcoholmeter (NIR)
4. Low polluted water Surface, ground water and treated waste water	Determination of Nitrites	Method Code: 59 01 NO2 In house method based on APHA* 4500-NO2B Photometry
5. Surface and treated waste water	Determination of Chemical Oxygen Demand (COD)	Method Code: 59 01 COD In house method based on APHA* 5220D Photometry
6.Wine	Determination of Total Sulfur Dioxide	Method Code: 59 01 ΟΘ In house method based on the Compendium Of International Methods Of Analysis-OIV, method OIV MA-AS323-04A, by titration.

Tested materials/ products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
7. Wine, aromatised Wine products	Determination of Total Acidity	Method Code: 59 01 ΟΛ ΟΞ In house method based on the Compendium of International Methods Of Analysis-OIV, method OIV MA-AS313-01 by titration.
8. Spirit drinks, Wine	Determination of Sugars	Method Code: 59 01 ΣΑΚΧ In house Method based on Regulation (EC) 2870/2000 and on the Compendium of International Methods Of Analysis-OIV, method OIV-MA-AS311-03 by HPLC
9. Wine, sparkling beverages (CN Code 22 06, eg. Ciders, perries)	Determination of Volatile Acidity	Method Code: 59 01 ΠΤ ΟΞ In house method based on the Compendium of International Methods Of Analysis-OIV, method OIV MA-AS313-02 by titration.
10. Seized materials	Identification of Cocaine	Method Code: 59 01 ΚΟΚ In house Method based on: "(ΕΚ) 657/2002 Concerning the performance of analytical methods and the interpretation of results" and UNODC: "Recommended methods for the Identification and Analysis of Cocaine in Seized Materials, 2012" Gas Chromatography – Mass spectrometry (GC-MS)

* American Public Health Association, American Water Works Association, Water Environment Federation, "Standard Methods for the Examination of Water and Wastewater", 24th Edition, 2022

Site of assessment: **Laboratory permanent premises: A. Papadiamanti 14 & Aretha, Patras**
Approved signatories: **P. Sotiriou, V. Kakousi, A.Goudani, E. Drakopoulou, S. Koutsogianni, P. Roumelioti, E. Karavia, E. Sakellaraki**

This Scope of Accreditation replaces the previous one dated 02.05.2024.
The Accreditation Certificate No. **142**-6, according to ELOT EN ISO/IEC 17025:2017, is valid until 06.11.2028.

Athens, 31.10.2024

Konstantinos Kourtalis
Chairman of ESYD