Hellenic Accreditation System

Annex F1/XII16 to the Certificate No **142**-6

SCOPE of ACCREDITATION
of the
Chemical Service of Crete
of the
General Chemical State Laboratory

Tested materials and products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
Chemical Testing		
1. Olive oil and other vegetable oils	Determination of free fatty acids	*Laboratory Method Code: METH 37 00 02* Regulation EU 2022/2105 (29-07-2022), Titration
2. Fats and Oils	Spectrophotometric investigation in the ultraviolet	*Laboratory Method Code: METH 37 00 01* Regulation EU 2022/2105 (29-07-2022), Spectrophotometry
3. Wine	1.Determination of alcoholic content	*Laboratory Method Code: METH 37 00 04* In house method based on the Compendium of International Methods Of Analysis-OIV, OIV method MA-AS312-01A by electronic densimeter
	2. Determination of benzoates and sorbates	*Laboratory Method Code: METH37 00 05* Method of Lebensmittel Bundes Gesetz (LMGB) § 35 by High Performance Liquid Chromatography (HPLC-DAD)
	3. Determination of sugars	*Laboratory Method Code: METH37 00 08* In house Method based on the Compendium of International Methods Of Analysis-OIV, method OIV-MA-AS311-03 by HPLC

Tested materials and products	Types of test/ Properties to be measured	Applied standards/ Techniques to be used
Chemical Testing		
4. Alcohol and alcoholic beverages	1. Determination of alcoholic content	*Laboratory Method Code: METH 37 00 03A* In house method based on Regulation (EC) 2870/2000 by areometry
		Laboratory Method Code: METH 37 00 03B In house method based on Regulation (EC) 2870/2000 by electronic densimeter
	2. Determination of volatile congeners	*Laboratory Method Code: METH37 00 06* In house method based on Regulation (EC) 2870/2000 by Gas Chromatography
5. Beverages, non-alcohlic drinks, juices and other drinks from fruits, marmelades and jams, tomato products, products from fruit and vegetables, mayonnaise and related food preparation	Determination of benzoates and sorbates	*Laboratory Method Code: METH 37 00 05* Method of Lebensmittel Bundes Gesetz (LMGB) § 35 by High Performance Liquid Chromatography (HPLC-DAD)
6. Beer	Determination of Physicochemical Parameters: (alcoholic strength and plato % w/v)	*Laboratory Method Code: METH37 00 07* In house method based on Ministerial Decision 3006674/1102/0029 (Official Government Gazette B'528/2010) by electronic densimeter and alcoholmeter (NIR)

Site of assessment: **Laboratory Permanent Premises, Epimenidou 19, Heraklion.**
Approved signatories: **Aikaterini Kanaki, Kalliopi Kaloudi, lason Tsigos, Galateia Zervaki, Stavros Takakis, Irini Stefanaki.**

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

Athens, 31.10.2024

Konstantinos Kourtalis
Chairman of ESYD