Hellenic Accreditation System

Annex F1/XV13 to the Certificate No. **142**-6

SCOPE of ACCREDITATION
of the
Chemical Service of Serres
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. Cigarettes (with filter)	1. Cigarettes-Determination of Nicotine free dry particulate matter (NFDPM or Tar), in Smoke condensates.	ISO 4387:2020 Routine Analytical Smoking Machine
	2. Determination of Nicotine in Smoke Condensates	ISO 10315:2021 Gas Chromatographic Method (GC – FID)
	3. Determination of Carbon monoxide in the vapor phase of cigarette smoke	ISO 8454:2024 NDIR method
2. Electronic cigarettes liquid (e-liquid)	1.Detection and determination of Nicotine	In house method with GC/FID, based on ISO 20714: 2019
3. Tobacco products and substitutes, Whole tobacco and Tobacco by-products	1. Determination of nicotine	In house method with GC/FID based on: CORESTA Recommended Method No 62: 2021.

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
4. Tobacco, tobacco products and substitutes, whole tobacco and Tobacco by-products,	1. Smoking test for tobacco and tobacco products with a cigarette tube filler 2. Determination of the particle size by sieving the sample	In house method 66/SM.TOB, with GC/FID, based on the Explanatory notes to the Combined Nomencalture of the European Union C119/29-3-2019, ANNEX A and b of the Chapter 24.
Microbiological Tests		
1. Drinking water	1. Detection and enumeration of *E. coli* and coliform bacteria. Membrane filtration method.	ISO 9308-1:2014
	2. Detection and enumeration of *Pseudomonas Aeruginosa* by membrane filtration.	ELOT EN 16266:2006
	3. Enumeration of culturable micro-organisms - Colony count by inoculation in a nutrient agar culture medium	ISO 6222:1999
2. Disinfected pool water	1. Detection and enumeration of *E. coli* and coliform bacteria. Membrane filtration method.	ISO 9308-1:2014
3. Drinking, surface water	1. Detection and enumeration of intestinal enterococci. Membrane filtration method.	ISO 7899-2:2000

Site of assessment: **Permanent laboratory premises, Omonoias str., Serres.**
Approved signatories: **Kydros K., Kositzi M., Mertzanos G.**

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