Hellenic Accreditation System

Annex I1/7 to the Certificate No. **814-5**

SCOPE of ACCREDITATION of the Chemical Metrology Service of the General Chemical State Laboratory as Proficiency Testing Provider

Materials / Products subjected to test	Interlaboratory comparative test Types of test / Properties measured	Comparison code
Food and drinks, animal feed (Cereals Fruit & vegetables, juices Honey Fishery products Milk and dairy products Nuts and dried fruits Tea, coffee and cocoa Infant formula and baby foods Fats and oils Alcohol Spirit drinks Wine beer)	*Contaminants in food and drinks referred in the European legislation (eg. Reg 2023/915)* - acrylamide - pesticide residues - polycyclic aromatic hydrocarbons (PAHs) - toxins - heavy metals - illegal dyes - processing contaminants (phthalate esters, PAHs, 2-MCDP, 3-MCDP, glycidol esters) - allergens *Flexible scope accreditation. Flexibility is about property level 2 and test item level 1 and level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 64 0X SCHEMA 63 0X SCHEMA 23 0X SCHEMA 92 0X SCHEMA 40 0X SCHEMA 60 0X SCHEMA 62 0X SCHEMA 15 0X SCHEMA 12 0X SCHEMA 14 0X SCHEMA 92 0X SCHEMA 11 0X
Food and drinks (wine, dried fruits, cereals, beverages, syrups, bakery products)	*Additives in food and drinks referred in the National Code for Foodstuffs and Beverages (preservatives, colourants, sweeteners)* Benzoic acid, Sorbic acid, Propionic acid, sulfites, E110, E124, caffeine, coumarin *Flexible scope accreditation. Flexibility is about property level 2 and test item level 1 and level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 80 0X

Materials / Products subjected to test	Interlaboratory comparative test Types of test / Properties measured	Comparison code
Food and animal feed (cereals, milk and dairy products, flour of vegetable origin)	*Parameters referred in the National Code for Foodstuffs and Beverages and in the European legislation for food and animal feed* Food composition/common analytes (fat, sugars, moisture, proteins, total solids, nutritional value, fibres, ash, pH, salt, metals detection of adulteration, melamine) *Flexible scope accreditation. Flexibility is about property level 2 and test item level 1 and level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 60 0X SCHEMA 81 0X
Alcohol Spirit Drinks Wine Beer	*Parameters referred in the methods of the European legislation for ethanol* denaturants *Flexible scope accreditation. Flexibility is about property level 2 and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 12 0X
	Parameters referred in the methods of the European legislation and OIV for beer, wine, distillates, spirit drinks and ethanol alcoholic strength, density, volatile congeners, pH, volatile/total acidity, free/total sulfites, sugars, Plato, extract, degree of fermentation, anethole, reducing substances) *Flexible scope accreditation. Flexibility is about property level 2 and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 12 0X SCHEMA 13 0X SCHEMA 14 0X SCHEMA 15 0X
Fats and oils	*Parameters referred in the methods of the European legislation and COI* peroxide number, acidity, K232, K270, ΔK, ΔECN 42, fatty acids, waxes, moisture, alkyl esters, sterols, stigmastadienes, biophenols *Flexible scope accreditation. Flexibility is about property level 1, and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 90 0X
Honey	*Parameters referred in the methods of the European legislation and IHC* conductivity, moisture, sugars, HMF, diastase, pollen analysis, pH, acidity, insoluble matter, colour, proline *Flexible scope accreditation. Flexibility is about property level 1 and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 70 0X
Virgin olive oil	*Parameters referred in the methods of the European legislation and COI* Organoleptic assessment	SCHEMA 91 0X

Materials / Products subjected to test	Interlaboratory comparative test Types of test / Properties measured	Comparison code
Potable water	Microbiological parameters *E. coli*, total coliforms, enterococci, *Pseudomonas aeruginosa*, *Clostridium perfrigens*, *Legionella spp.*, colony count (22 °C, 36 °C) *Flexible scope accreditation. Flexibility is about property level 2 and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 25 0X
Potable and surface water	*Parameters referred in the methods of the European legislation and APHA for water* pH, conductivity, anions, cations, hardness, alkalinity, SAR, SSP, total N, total P, TDS, TOC, CN, Cr^{VI} *Flexible scope accreditation. Flexibility is about property level 1 and test item level 1.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 21 0X
	heavy metals polycyclic aromatic hydrocarbons (PAHs) pesticide residues *Flexible scope accreditation. Flexibility is about property level 1 and test item level 1.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 22 0X SCHEMA 23 0X SCHEMA 63 0X
Waste, waste water, sludge	*Parameters referred in the methods of the European legislation and APHA for waste* pH, total solids, COD, BOD, TDS, TSS, TOC, heavy metals, (Cr^{VI}), total N, total P *Flexible scope accreditation. Flexibility is about property level 2 and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 24 0X
Liquid Fuels Automotive diesel fuel *Gasoline* *Heating oil, Distillate marine fuel oil, Residual marine fuel oil*	parameters according to EN 590, *parameters according to EN 228, parameters according to ISO 8217* distillation characteristics, kinematic viscosity, CFPP, moisture, density, closed cup flash point, FAMEs, pour point, cloud point, cetane index, markers, C,H,N, sulfur, calorific value, TAN, TSA,TSP, ash, carbon residue, RON, benzene, aromatics, olefins, CCAI colour, lubricity, copper strip corrosion, vapor pressure, metals *Flexible scope accreditation. Flexibility is about property level 1 and test item level 1.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 50 0X
Lubricants (used and unused)	Density, flash point PMCC, flash point COC, TAN, TBN, kinematic viscosity, viscosity index, apparent viscosity by CCS, color (CU), pour point, sulfur, water, metals. *Flexible scope accreditation. Flexibility is about property level 1 and test item level 1.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 52 0X

Materials / Products subjected to test	Interlaboratory comparative test Types of test / Properties measured	Comparison code
Solid fuels *Lignite, coal, bituminous coal, steam coal, brown coal, coke* *RDF*	Moisture, density, calorific value, elemental analysis (C,H,N,S), ash, volatile matter, chlorine, fluorine, metals *Flexible scope accreditation. Flexibility is about property level 1 and test item level 1.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 51 0X
Food contact materials and food simulants	Migration of heavy metals from ceramic articles *Flexible scope accreditation. Flexibility is about property level 2 and test item level 1.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 30 0X
Tobacco products (cigarettes, e-liquids)	CO, nicotine, moisture, NFDPM, TPM *Flexible scope accreditation. Flexibility is about property level 2 and test item level 2.* *The detailed list of accredited activities can be found in* https://www.aade.gr/en/proficiency-testing	SCHEMA 55 0X
Sampling of potable water	Physicochemical (chlorides, conductivity at 20 °C) and microbiological parameters (total coliforms) -ΕΛΟΤ EN ISO/IEC 5667-1:2023	SCHEMA 210 0X

Site of assessment: **Provider's permanent premises, An. Tsocha 16, Athens, Greece.**
Approved signatories: **P. Giannikopoulou, I. Kakoulidis, G. Karanikolopoulos, E.Skotidaki, E.Stathoudaki, V. Schoina.**

This scope of Accreditation replaces the previous one dated 16.10.2020
The Accreditation Certificate No. **814-5**, to ELOT EN ISO/IEC 17043:2023, is valid until 11.04.2030.

Athens, 05.08.2026

Konstantinou Evangelos Apostolos
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