

Hellenic Accreditation System



ACCREDITATION CERTIFICATE

No. 195-7

The Hellenic Accreditation System (ESYD), as the national accreditation body of Greece in accordance with the Law 4468/2017,

ACCREDITS

the
Testing Laboratories
“QACS Ltd.”
&
“ERGANAL”

of
Quality Assurance & Control Systems Ltd.

in Metamorphosi, Attiki & Piraeus, Greece

under the terms of the ELOT EN ISO/IEC 17025:2017 Standard and the ESYD Criteria, to carry out tests, as specified in the attached Scope of the Accreditation, which may be revised by decisions of ESYD.

The initial accreditation was issued on March 09, 2005. This Certificate renews the accreditation and it is valid until March 08, 2021, provided that the accredited body will comply with the above Standard and the ESYD Criteria.

Athens, July 24th, 2020



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Annex F1/B7 to the Certificate No. **195-7**

SCOPE of ACCREDITATION of “**ERGANAL**” Laboratory of the **QUALITY ASSURANCE AND CONTROL SYSTEMS LTD**

Tested materials / products	Types of test / Properties	Applied standards / Techniques
	Chemical Tests	
1. Cereals	1. Determination of ochratoxin A	In house method E_XM001/HPLC/FD
	2. Determination of aflatoxin G1, G2, B1, B2	In house method E_XM002/HPLC/FD
2. Dried nuts	1. Determination of aflatoxin G1, G2, B1, B2	In house method E_XM003/HPLC/FD
3. Milk	1. Determination of aflatoxin M1	In house method E_XM037/HPLC/FD
4. Honey	1. Determination of diastase activity	In house method E_XM004
	2. Quantitative and qualitative pollen analysis of honey	In house method E_XM029 based on : - Methods of Melissopalynology J. Louveaux, Anna Maurizio & G. Vorwohl
	3. Sugars	In house method E_XM044 based on AOAC 977.2
5. Meat and meat products	1. Determination of Fat	In house method E_XM017 based on : ISO 1443:1973

Tested materials / products	Types of test / Properties	Applied standards / Techniques
	2. Determination of Total Nitrogen (Kjeldahl)	In house method E_XM015 based on : ISO 937:1978
	3. Determination of NO2	In house method E_XM030 based on : ISO 2918:1975
	4. Determination of NO3	In house method E_XM030 based on : ISO 3091:1975
	5. Determination of Ash	In house method E_XM036 based on : Method D2/ Food and Drink Code Part B Volumetrically
	6. Determination of Moisture and Dry total matter	In house method E_XM040 based on : Method C2/ Food and Drink Code Part B
	7. Determination of Sodium Chloride (NaCl)	In house method E_XM039 based on CGL-SLT.03 AOAC
	8. Sugars	In house method E_XM043 based on AOAC 977.20
6 Foods except for alcoholic beverages, wines, grapes, blueberries and vinegar	Determination of sulphur dioxide	In house method E_XM035 based on : Method C2/ Food and Drink Code Part B Volumetrically
7. Foods except for baby foods and fats-oils	Determination of Cd	In house method E_XM045 based on EN 14084:2003
8. Foodstuffs	Determination of Acrylamide	In house method E_XM025 based on Journal of Chromatography A, 1116 (2006) 209-216
9. Juices , fruit Products , Vegetables and Soft Drinks	Determination of Benzoic and/or Sorbic acid	In house method E_XM034 based on : ISO 22855:2008
10. Surface waters	1. Determination of Cr	In house method E_XM008 by AAS
	2. Determination of Cd	In house method E_XM009 by AAS
	3. Determination of Ni	In house method E_XM020 by AAS based on APHA 3113
11. Potable waters	1. Determination of Conductivity	In house method E_XM012 based on APHA 2510
	2. Determination of Nitrate Ions (NO3-)	In house method E_XM019 based on Macherey-Nagel Ref.918 65

Tested materials / products	Types of test / Properties	Applied standards / Techniques
12. Materials in contact with foodstuffs	1. Overall migration into aqueous food simulants (A, B, C) and in food simulant D1 (50% Ethanol) by total immersion.	In house method E_XM031 based on: EΛOT EN 1186-3/2002
	2. Overall migration into aqueous food simulants (A, B, C) and in food simulant D1 (50% Ethanol) by cell.	In house method E_XM031 based on: ELOT EN 1186-5/2002
	3. Overall migration into aqueous food simulants (A, B, C) and in food simulant D1 (50% Ethanol) by article filling.	In house method E_XM031 based on: ELOT EN 1186-9/2002
	4. Overall migration, into simulant D2 (vegetable oil) by total immersion.	In house method E_XM032 based on: ELOT EN 1186-2/2002
	5. Overall migration, into simulant D2 (vegetable oil) by cell.	In house method E_XM032 based on: ELOT EN 1186-4/2002
	6. Overall migration, into simulant D2 (vegetable oil) by article filling.	In house method E_XM032 based on: ELOT EN 1186-8/2002
	7. Test methods for 'substitute tests' for overall migration from plastic materials and articles intended to come into contact with fatty foodstuffs using simulant D2 (ethanol 95% and Isooctane) by total immersion, cell and article filling.	In house method E_XM032 based on: ELOT EN 1186-14/2002
13. Solid industrial waste and by-products	1. A12 Test – Flammability (contact with water)	In house method E_XM026 based on Council Regulation (EC) No 440/2008
14. Waste waters	1. Determination of Total Suspended Solids (TSS)	In house method E_XM013 based on APHA 2540 D
	2. Determination of Chemical Oxygen Demand (COD)	In house method E_XM018 based on APHA 5220 D
Microbiological Tests		
1. Foodstuffs	1. Enumeration of beta –glucuronidase – positive <i>Escherichia coli</i>	ISO 16649-2:2001
	2. Enumeration of coagulase – positive staphylococci (<i>Staphylococcus aureus</i> and other species)	ISO 6888-1:1999/Amd 1:2003
	3. Enumeration of Enterobacteriaceae. Colony count technique	ISO 21528-2:2017

Tested materials / products	Types of test / Properties	Applied standards / Techniques
	4. Enumeration of the total aerobic microorganisms at 30o C	ISO 4833-1:2013 ISO 4833-2:2013
	5. Detection of <i>Listeria monocytogenes</i>	ISO 11290-1:2017
	6. Detection of <i>Listeria</i> spp.	ISO 11290-1:2017
2. Foodstuffs with $aw \leq 0,95$	1. Enumeration of yeasts and moulds	ISO 21527-2:2008
3. Food and animal feed	1. Detection of <i>Salmonella</i> spp. except <i>S. typhi</i> and <i>S. paratyphi</i>	ISO 6579-1:2017
4. Canned food and similar products, preserved in glass and paper container.	1. Stability testing	NF V 08 – 408: 1997
5. Potable water	1.Enumeration of the total aerobic microorganisms at 22 ± 2 oC and 36 ± 2 oC	ISO 6222:1999
	2.Detection and enumeration of <i>Escherichia coli</i> and total coliform bacteria	ISO 9308-1:2014/Amd.1:2016
	3.Detection and enumeration of <i>Pseudomonas aeruginosa</i>	ISO 16266-2:2006
	4. Detection and enumeration of intestinal enterococci	ISO 7899-2:2000

Site of asseseement: **Laboratory permanent premises , 10 Nikita Str., Piraeus, Greece.**
Approved signatories: **I. Masavetas, M. Vamvaka, Ath. Alexandropoulou, Ap. Enotiadis.**

This scope of Accreditation replaces the previous one dated 24.07.2020.
The Accreditation Certificate No. **195-7** to ELOT EN ISO/IEC 17025:2017, is extended until 08.06.2021.

Athens, 18.02.2021

