

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/A7 to the Certificate No. 195-7

SCOPE of ACCREDITATION of the Testing Laboratory of Quality Assurance & Control Systems Ltd. (QACS Ltd.)

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Microbiological Testing		
1. Food, animal feed, animal faeces, and environmental samples from the primary production stage	1. Detection of Salmonella spp. except <i>S. typhi</i> and <i>S. Paratyphi</i>	ISO 6579-1:2017
2. Foodstuffs with $a_w > 0,95$	Enumeration of yeasts and moulds	ISO 21527-1:2008
3. Foodstuffs with $a_w \leq 0,95$	Enumeration of yeasts and moulds	ISO 21527-2:2008
4. Cosmetics	1. Preservation efficacy test (challenge test) <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> , <i>Candida albicans</i> , <i>Aspergillus brasiliensis</i>	European Pharmacopoeia, current edition, Chap. 5.1.3 ISO 11930:2019
	2. Enumeration of Total Aerobic Microbial Count (TAMC) of non-sterile products	European Pharmacopoeia, current edition, Chap. 2.6.12
	3. Enumeration of Total Combined Yeasts and Mould Count (TYMC) of non-sterile products	European Pharmacopoeia, current edition, Chap. 2.6.12
	4. Detection of <i>Escherichia coli</i> of non-sterile products	European Pharmacopoeia, current edition, Chap. 2.6.13

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
4. Cosmetics (continued)	5. Detection of <i>Pseudomonas aeruginosa</i> of non-sterile products	European Pharmacopoeia, current edition, Chap. 2.6.13
	6. Detection of <i>Staphylococcus aureus</i> of non-sterile products	European Pharmacopoeia, current edition, Chap. 2.6.13
5. Potable water	1. Enumeration of the total aerobic microorganisms at 22 ± 2 °C and 36 ± 2 °C	ISO 6222:1999
	2. Detection and enumeration of <i>Escherichia coli</i> and total coliform bacteria	ISO 9308-1:2014/Amd-1(2016)
6. Potable and swimming pool waters	Detection and enumeration of <i>Pseudomonas aeruginosa</i>	ISO 16266-2:2006
7. Chemical disinfectants and antiseptics	1. Testing of disinfecting efficacy	EN 14885:2018
	2. Quantitative suspension tests (phase 1 & phase 2, step 1)	EN 1040:2005
		EN 1276:2019
		EN 1650:2019
		EN 1656:2019
		EN 13624:2013
		EN 13727:2012+A2:2015
		EN 1657:2016
	EN 13704:2018	
	Quantitative carrier tests, Quantitative tests on non-porous surfaces with or without mechanical action, (Phase 2, step 2)	EN 13697:2015+A1:2019
		EN 14561:2006
		EN 14562:2006
		EN 16615:2015
EN 14349:2012		
EN 16438:2014		
4. Evaluation of Hygienic Handwash efficacy (phase 2/step 2)	EN 1499:2013	
5. Evaluation of Hygienic Handrub efficacy (phase 2/step 2)	EN 1500:2013	
6. Evaluation of surgical hand disinfection efficacy (phase 2/step 2)	EN 12791:2016	

Materials/Products tested	Types of test/Properties measured	Applied methods/Techniques used
Biological - Molecular testing		
1. Soya: Seeds, food (grains, flour), feed	1. Screening method for genetically modified organisms (GMOs), by the detection of CaMV 35S promoter, nopaline synthase terminator (NOS)	Real-Time PCR, based on: a) ISO 21570:2005 b) ISO 21569:2005/ Amd1:2013 DNA extraction with CTAB method (ISO 21571:2005) and by using Nucleospin Food Kit
	2. Detection of MON89788 soya	Real-Time PCR, based on: CRLVL05/06VP JRC, CRL GMFF: Protocol MON89788 soybean (2008) DNA extraction with CTAB method (ISO 21571:2005) and by using Nucleospin Food Kit
	3. Detection of Roundup Ready (GTS 40-3-2) soya	Real Time PCR, based on a) ISO 21570:2005 DNA extraction with CTAB method (ISO 21571:2005) and by using Nucleospin Food Kit
	4. Screening method for genetically modified organisms (GMOs), by the detection of FMV promoter.	Real Time PCR based on a) ISO 21571:2005 and ISO TS 21569:5 2016 DNA extraction with CTAB method (ISO 21571:2005) and by using Nucleospin Food Kit
2. Maize: Seeds, food (grains, flour), feed	Screening method for genetically modified organisms (GMOs), by the detection of CaMV 35S promoter, nopaline synthase terminator (NOS)	Real Time PCR, based on b) ISO 21570:2005 and c) ISO 21569:2005/ Amd1:2013 DNA extraction with CTAB method (ISO 21571:2005) and by using Nucleospin Food Kit
3. Cotton: Seeds	Screening method for genetically modified organisms (GMOs), by the detection of CaMV 35S promoter, nopaline synthase terminator (NOS)	Real Time PCR based on b) ISO 21569:2005/Amd1:2013 and c) CRLVL13/04VP, JRC, CRL-GMFF Protocol LL Cotton 25 (2007) DNA extraction with CTAB method (ISO 21571:2005) and by using Nucleospin Food Kit

Site of assessment: **Permanent laboratory premises, Antigonis 1, 14451, Metamorfossi, Greece.**
Approved signatories: **D. Melissos, S. Simpson, G. Lagiopoulos, V. Beletsiotis.**

This Scope of Accreditation replaces the previous one dated 18.02.2021
The Accreditation Certificate No. **195-7**, to ELOT EN ISO/IEC 17025:2017, is extended until 08.09.2021.

Athens, 26.05.2021



Spyridon Podaras
CEO of ESYD