CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
CYPRUS ACCREDITATION BODY

ACCREDITATION CERTIFICATE no. *L048-4*

The Board of Governors
of the Cyprus Organization for the Promotion of Quality
acting as the authorized Cyprus Accreditation Body
according to the Article 7 of the Law 156(I)/2002

grants accreditation to

P.T.A. Food Lab & Nutritional Services Ltd Laboratory

in Limassol

which has been assessed according to the Accreditation Criteria for Testing Laboratories as defined in the standard

CYS EN ISO/IEC 17025:2017

as **competent to perform the Methods** defined in the Scope of Accreditation referred to in the **Annex** of this certificate; the said Annex represents inextricable part of the certificate. The **Accreditation Scope** can only be modified after a decision of the Cyprus Accreditation Body.

Cyprus Accreditation Body is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) in the above-mentioned field.

The current Accreditation Certificate, no. *L048-4*, **is issued on the 19th November 2025 and is valid from 1st March 2025 until 28th February 2029.**

Accreditation was granted for the first time on 1st March 2013.

Dr Stephanie Cleridou
Director

Date: **19th November 2025**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a define scope and the operation of a laboratory quality management System (see joint ISO -ILAC-IAF Communiqué 04/2017)

Annex

of the Accreditation Certificate number L048-4

SCOPE OF ACCREDITATION

OF

P.T.A. FOOD LAB & NUTRITIONAL SERVICES LTD TESTING LABORATORY

Valid from 1st March 2021 until 28th February 2029

[1]Transition to the new version of the standard

[2]Transition to the revised standard

Materials/Products tested	Type of testing / Properties measured	Applied Methods / Techniques used
Microbiological Testing		
Foodstuffs	Horizontal method for the enumeration of microorganisms – Part 1: Colony count at 30°C by the pour plate technique	[1]ISO 4833-1:2013 Amd 1:2022
	Horizontal method for the detection and enumeration of *Enterobacteriaceae* – Part 2: Colony-count technique	ISO 21528-2: 2017
	Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) – Part 1: Method using Baird–Parker agar medium	[1]ISO 6888-1: 2021 Amd 1:2023
	Horizontal method for the enumeration of β-glucuronidase-positive *Escherichia coli* – Part 2: Colony-count technique at 44°C using 5-bromo-4-chloro-3-indolyl β-D-glucuronide	ISO 16649-2:2001
	Horizontal method for the enumeration of *Clostridium perfringens* – Colony-count technique	[2]ISO 15213-2:2023
	Horizontal method for the detection and enumeration of *Listeria monocytogenes* and of *Listeria spp*. – Part 1: Detection method	ISO 11290-1:2017

Materials/Products tested	Type of testing / Properties measured	Applied Methods / Techniques used
	Horizontal method for the enumeration of presumptive *Bacillus cereus* – Colony-count technique at 30°C	ISO 7932:2004/ Amd 1:2020
	Horizontal method for the enumeration of coliforms – Colony-count technique	ISO 4832:2006
Foodstuffs and animal feeding stuffs	Horizontal method for the detection, enumeration and serotyping of *Salmonella* – Part 1: Detection of *Salmonella spp*. (except Annex D for Detection of S. Typhi and S. Paratyphi)	ISO 6579-1:2017/ Amd 1:2020
Waters (potable water, surface water and swimming pool water)	Enumeration of culturable micro-organisms – Colony count by inoculation in a nutrient agar culture medium (36°C and 22°C)	ISO 6222:1999
	Detection and enumeration of intestinal enterococci – Part 2: Membrane filtration method	ISO 7899-2:2000
	Detection and enumeration of Pseudomonas aeruginosa – Method by membrane filtration	CYS EN ISO 16266:2008
	Detection and enumeration of *Staphylococcus aureus* by membrane filtration	APHA 9213B 24th Edition, 2023
	Enumeration of *Clostridium perfringens* – Method using membrane filtration	ISO 14189:2013
Waters (potable water, environmental, building water supply system, hydromassage system)	Enumeration of *Legionella spp.*	ISO 11731:2017
Waters (potable water και swimming pool water)	Enumeration of *Escherichia coli* and coliform bacteria – Part 1: Membrane filtration method for waters with low bacterial background flora	ISO 9308-1:2014/ Amd 1:2016
Chemical Testing		
Wastewaters	Determination of COD	APHA 5220 D 24th Edition, 2023
	Determination of total suspended	APHA 2540 D

Materials/Products tested	Type of testing / Properties measured	Applied Methods / Techniques used
	solids (TSS)	24th Edition, 2023
	Determination of BOD_5	APHA 5210 D 24th Edition, 2023
	Determination of pH	APHA 4500-H^+ B 24th Edition, 2023
Waters and wastewaters	Determination of chlorides	APHA 4500-Cl^- B 24th Edition, 2023
	Determination of conductivity	APHA 2510 B 24th Edition, 2023
Foodstuffs	Determination of fat	AOAC 991.36 AOAC 960.39 AOAC 948.22
	Determination of ash	AOAC 945.46 AOAC 923.03 AOAC 920.153 AOAC 920.93 AOAC 938.08
	Determination of proteins	AOAC 950.36 AOAC 920.87 AOAC 981.10 AOAC 991.20
Waters and wastewaters	Determination of: 1. Nickel (Ni) 2. Iron (Fe) 3. Cadmium (Cd) 4. Chromium (Cr) 5. Zinc (Zn) 6. Lead (Pb) 7. Copper (Cu) 8. Arsenic (As) 9. Manganese (Mn) 10. Cobalt (Co) 11. Aluminium (Al) 12. Beryllium (Be) 13. Barium (Ba) 14. Boron (B)	In-house method (PTA-MA-C-13) by ICP-OES, based on U.S. EPA 200.7
Waters	Determination of: 1. Calcium (Ca) 2. Magnesium (Mg) 3. Potassium (K) 4. Sodium (Na)	In-house method (PTA-MA-C-18) by ICP-OES, based on U.S. EPA 200.7

Materials/Products tested	Type of testing / Properties measured	Applied Methods / Techniques used
	Determination of total hardness (by calculation)	PTA-MA-C-18, based on APHA 2340 B:2023
Fish and fish products	Determination of histamine	In-house method (PTA-MA-C-16) by HPLC-UV, based on Int. J. Environ. Res. Public Health 2020, 17, 7454
Waters and wastewaters	Determination of nitrates (NO_3)	In-house method (PTA-MA-C-21) based on APHA 4500-NO_3 B:2023
	Determination of nitrites (NO_2)	In-house method (PTA-MA-C-22) based on APHA 4500-NO_2 B:2023
	Determination of total phosphorus (TP)	In-house method (PTA-MA-C-23) based on APHA 4500-P C:2023
	Determination of total nitrogen (TN)	In-house method (PTA-MA-C-24) based on APHA 4500-N C:2023 and APHA 4500-NO_3 B:2023
	Determination of total dissolved solids (TDS)	In-house method (PTA-MA-C-24) based on APHA 2540 C:2023
	Determination of pH	APHA 4500-H^+ B 24th Edition, 2023
	Determination of FOG (Fat, Oil and Grease)	APHA 5520 B, Edition 24:2023
Sampling		
Potable water, ground water, surface water, swimming pool water, sea water, wastewater and industrial wastewater	Determination of physicochemical and microbiological parameters	ISO 5667-1:2020 ISO 5667-3:2018 ISO 5667-4:2016 ISO 5667-5:2006 ISO 5667-6:2014 ISO 5667-9:1992 ISO 5667-11:2009 ISO 5667-13:2011 ISO 5667-14:2014 ISO 19458:2006 BS 7592:2008
Expression of Opinion and Interpretation		
Waters, wastewaters and foodstuffs	Expression of Opinions and Interpretations on chemical test results covered by the scope of accreditation	In-house procedure (PTA-QP-27) based on ISO/IEC 17025:2017 and EA-4/23 INF:2025
Waters, foodstuffs and animal feeding stuffs	Expression of Opinions and Interpretations on microbiological test results covered by the scope of accreditation	In-house procedure (PTA-QP-27) based on ISO/IEC 17025:2017 and EA-4/23 INF:2025

General Remarks

This Annex refers **only to tests** carried out **in the premises of the Laboratory**, at the following address: **3rd Industrial Area (Agios Sylas), Spyrou Kyprianou 14, Ipsonas, Limassol**.

Dr Stephanie Cleridou
Director

Date: **19 November 2025**