

CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
CYPRUS ACCREDITATION BODY



ACCREDITATION CERTIFICATE no. L099-2

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

Nortest (Cyprus) Limited
Calibration Laboratory

in Larnaca, Cyprus

which has been assessed according to the Accreditation Criteria for
Calibration 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. **L099-2**, is valid from **08th March 2022 until the 07th March 2026**.

Accreditation was granted for the first time on the 08th March 2018.


Antonis Ioannou
Director

Date: 10 March 2023

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



**CYPRUS ORGANIZATION FOR THE PROMOTION OF QUALITY
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Annex

of the Accreditation Certificate number L099-2

Scope of Accreditation

of

**Nortest (Cyprus) Limited
Calibration Laboratory**

Valid as from the 08th March 2022 until the 07th March 2026.

***Valid as from the 20th April 2022 until the 07th March 2026.**

Measurand / Calibration item	Range of measurement	Calibration & Measurement Capability (k=2)¹	Remarks
Mass Measurements			
Mass / Standard weights	1 mg	0.017 mg	According to recommendation OIML R111 (2004)
	2 mg	0.017 mg	
	5 mg	0.017 mg	
	10 mg	0.017 mg	
	20 mg	0.017 mg	
	50 mg	0.017 mg	
	100 mg	0.019 mg	
	200 mg	0.019 mg	
	500 mg	0.020 mg	
	1 g	0.021 mg	
	2 g	0.023 mg	
	5 g	0.026 mg	
	10 g	0.029 mg	
	20 g	0.035 mg	
	50 g	0.041 mg	
	100 g	0.062 mg	
	200 g	0.12 mg	
	500 g	1.3 mg	
	1 kg	1.4 mg	
	2 kg	1.6 mg	
	5 kg	12 mg	
10 kg	18 mg		
20 kg	38 mg		

Measurand / Calibration item	Range of measurement	Calibration & Measurement Capability (k=2) ¹	Remarks	
Mass / Non-automatic electronic weighing instruments	1 mg	5 µg	Using standard weights of OIML class E2 Max grouped load 611,11 g	
	2 mg	5 µg		
	5 mg	5 µg		
	10 mg	6 µg		
	20 mg	7 µg		
	50 mg	10 µg		
	100 mg	12 µg		
	200 mg	14 µg		
	500 mg	19 µg		
	1 g	24 µg		According to guide EURAMET/cg-18/v.4.0 (2015) Calibration is performed on-site
	2 g	28 µg		
	5 g	37 µg		
	10 g	47 µg		
	20 g	58 µg		
	50 g	70 µg		
	100 g	116 µg		
	200 g	231 µg		
	500 g	2 mg	Using standard weights of OIML class F1 Max Grouped load 5,5 kg	
	1 kg	4 mg		
	2 kg	7 mg		
	5 kg	50 mg	50 mg	Using standard weights of OIML class F2 Max Grouped load 40kg
20 kg	200 mg	Using standard weights of OIML class M1		
20 to 500 kg	$3.47 \cdot 10^{-5}$			
> 500kg to 2500kg	$(3.5 \cdot 10^{-5} \cdot m + 0.5 \cdot N)$ kg where m the nominal mass in kg and N the number of substitution weights			
Temperature measurements				
<i>Temperature / thermometer with analog or digital display unit</i>	-20 °C to 25 °C	0.06 °C	Using liquid bath and platinum resistance thermometer Calibration is performed on permanent laboratory premises.	
	> 25 °C to 100 °C	0.05 °C		
	> 100 °C to 200 °C	0.06 °C		
*Temperature / Temperature dataloggers and temperature indicators	- 20 °C to 100 °C	0.4 °C	Using climatic isothermal chamber and platinum resistance thermometer. Calibration is performed on permanent laboratory premises.	
	>100 °C to 150 °C	0.6 °C		
*Temperature / Climatic and isothermal chambers, ovens, column ovens, incubators, refrigerators, freezers, furnaces, autoclaves with volume up to 2000 l	- 20 °C to 200 °C	0.5 °C	According to guide DKD-R 5-7 (2018) Calibration is performed on-site Using thermocouples type K	

Measurand / Calibration item	Range of measurement	Calibration & Measurement Capability (k=2) ¹	Remarks
Pressure Measurements			
Pressure / Gauge pressure meters of direct reading/ Analog & digital	5 bar to 700 bar	0.00002p + 0.075 where p is the nominal pressure in bar	Liquid Medium
	-0.9 bar to -0.1 bar	0.015 bar	Gas Medium
	1 bar to 70 bar	0.015 bar	
			Calibration according to DKD-R 6-1 /2014 Calibration can also be performed on-site
Relative Humidity Measurements			
*Relative humidity / Analog and digital hygrometers, data loggers	10 % r.h. to 95 % r.h. (@ 23 °C)	1.5% r.h	Comparative calibration using climatic chamber and a reference hygrometer
Volume Measurements			
Volume / Piston Pipettes,	20 to 100 µl	0.18 µl	According to CYS EN ISO 8655-6:2022 ISO/TR0461:2000/Cor 1:2008 Euramet cg-19
	>100 µl to 200 µl	0.25 µl	
	>200 µl to 500 µl	0.28 µl	
	>500µl to 1000µl	0.30 µl	
	>1ml to 5ml	0.0004 ml	
	>5ml to 10ml	0.004 ml	
Volume /Glass pipettes, Dispensers, Burettes, Volumetric flasks, Volumetric cylinders, Syringes	1 ml to 10 ml	0.04 %	According to Euramet cg-19 PTB-Mitteilungen 112 (2002) No. 2, pp.139-149
	>10 ml to 50ml	0.02 %	
	>50ml to 150ml	0.01 %	
	>150ml to 500 ml	0.004 %	
	>500 ml to 1500 ml	0.003 %	

¹ Where uncertainty is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative.

Authorised persons to sign the calibration reports are Mrs Ioanna Panayiotou and Mr. Christoforos Christofi.

General Remarks

Permanent laboratory premises: Stavrodromiou 4C, Vasilikos, Kalavassos, CY-7733, Larnaca.


 Antonis Ioannou
 Director

Date: 10 March 2023