



## Accredited Laboratory

A2LA has accredited

### REAGECON DIAGNOSTICS LTD.

*Shannon Free Zone, Shannon, REPUBLIC OF IRELAND*

for technical competence in the field of

### Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 18<sup>th</sup> day of January 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6739.02  
Valid to May 30, 2024

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

REAGECON DIAGNOSTICS LTD.  
Shannon Free Zone  
Shannon, Co. Clare, Ireland  
Darren McGrath 00353 867806778

CALIBRATION

Valid To: May 30, 2024

Certificate Number: 6739.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Mechanical

Parameter/Equipment	Range	CMC <sup>(2,3)</sup>	Comments
Scales and Balances	1 mg to 5 g	± 0.031 mg	OIML Class E2
	(5 to 20) g	± 0.048 mg	
	(20 to 100) g	± 0.083 mg	
	(100 to 200) g	± 0.16 mg	
	(200 to 600) g	± 0.26 mg	
	100 g to 1 kg	± 1.6 mg	Class F1
	(1 to 2) kg	± 3.1 mg	
	(2 to 5) kg	± 7.7 mg	
	(5 to 10) kg	± 11 mg	
	(1 to 10) kg	± 0.16 g	Class M1
	(10 to 20) kg	± 0.31 g	
	(20 to 50) kg	± 0.47 g	
	(50 to 100) kg	± 0.69 g	
	(100 to 160) kg	± 0.80 g	

## II. Thermodynamics

Parameter/Equipment	Range	CMC <sup>(2,3)</sup>	Comments
Temperature – Measuring Equipment	(- 45 to 140) °C	0.050 °C	PRTs
Temperature Controlled Enclosures - Ovens, Freezers, Furnaces, Incubators, Baths – Measure	(- 45 to 0) °C (0 to 140) °C	0.34 °C 0.20 °C	Hydra Logger with PRTs

<sup>1</sup> This laboratory is available for commercial service.

<sup>2</sup> Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

<sup>3</sup> The stated measured values are determined using the indicated instrument (see Comments). This capability is suitable for the calibration of the devices intended to measure or generate the measured value in the ranges indicated. CMCs are expressed as either a specific value that covers the full range or as a percent or fraction of the reading plus a fixed floor specification.