

Schedule of Accreditation



Organisation Name	Calibration Technology Ltd
Trading As	
INAB Reg No	186C
Contact Name	Michelle Brennan
Address	Unit 4, Shannonside Business Park, Birdhill, Tipperary, V94PC4D
Contact Phone No	+353 61 522230
Email	michelle.brennan@calibrationtech.ie
Website	http://www.calibrationtech.ie
Accreditation Standard	EN ISO/IEC 17025 C
Standard Version	2017
Date of award of accreditation	02/10/2007
Scope Classification	Metrology
Services available to the public ¹	Yes

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	Unit 4, Shannonside Business Park, Birdhill, Tipperary, Ireland, V94PC4D

Scope of Accreditation

Head Office

Metrology

Category: A

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Expanded Measurement Uncertainty	Std. ref/SOP	Products	Remarks
101 Mass - .01 Precision laboratory balances	N/A	0.001g to 20g 5g to 200g 200g to 1kg 1kg to 6.2kg 6.2kg to 12.2kg 12.2kg to 32.2kg	0.050 mg 0.20 mg 1.5 mg 20 mg 125mg 175mg	Documented in house method 6.10: Weights available in OIML Class E2 and F1 from 1 mg to 20 kg	Single and Dual Range Balances	
104 Volume - .02 Special laboratory volumetric apparatus		0.2 µL to 10 µL 10 µL to 20 µL 20 µL to 100 µL 100 µL to 200 µL 200 µL to 500 µL 500 µL to 1,000 µL 1,000 µL to 2,000 µL 2,000 µL to 5,000 µL 5,000 µL to 10,000 µL 10,000 µL to 20,000 µL 20,000 µL to 50,000 µL 50,000 µL to 100,000 µL	0.10 µL 0.16 µL 0.25 µL 0.30 µL 0.50 µL 1.25 µL 4.00 µL 8.00 µL 14.00 µL 17.00 µL 30.00 µL 120.00 µL	Method EN/ISO. 8655: 2022: 1 to 7 and 9 Volume of liquids For water delivered from piston and / or plunger operated volumetric apparatus	Laboratory pipettes and dispensing Equipment: Single Channel Pipettes: 0.2 µL to 20,000 µL Multichannel Pipettes: 0.5 µL to 1250 µL Piston Burettes: 1 ml to 50 ml Dilutors: 1 mL to 5 mL Dispensers: 1 µL to 100 mL Syringes: 1 µL to 5,000 µL	

		1 µL to 10 µL	0.06 µL	Method EN/ISO. 23783: 2022: 1 to 3	Automated Liquid Handling Systems for Single Channel and Multichannel Dispensers	
		10 µL to 30 µL	0.21 µL			
		30 µL to 100 µL	0.26 µL	Measurement Procedure for Automated Liquid Handling Systems		
		100 µL to 150 µL	0.33 µL			
		150 µL to 300 µL	0.40 µL			
		300 µL to 500 µL	0.48 µL			
		500 µL to 1000 µL	0.57 µL			

Calibration and Measurement Capability (CMC) is expressed in terms of the following parameters:

- ☐ *Measure and or reference material*
- ☐ *Calibration or measurement method or procedure and type of instrument or material calibrated/measured*
- ☐ *Measurement range and additional parameters where applicable*
- ☐ *Measurement uncertainty.*

Nominal temperature for Category A (in-house) calibration work: 20±2°C

Nominal temperature for Category B (customer site) calibration work: 23±5°C

Measurement uncertainty shall be reported in compliance with EA 4/02 "Evaluation of the Uncertainty of Measurement in Calibration".

In accordance with INAB policy, uncertainties are calculated for an estimated confidence level of not less than 95%.

Metrology

Category: B

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Expanded Measurement Uncertainty	Std. ref/SOP	Products	Remarks
101 Mass - .01 Precision laboratory balances	N/A	0.001g to 20g 5g to 200g 200g to 1kg 1kg to 6.2kg 6.2kg to 12.2kg 12.2kg to 32.2kg	0.050 mg 0.20 mg 1.5 mg 20 mg 125mg 175mg	Documented in house method 6.10: Weights available in OIML Class E2 and F1 from 1 mg to 20 kg	Single and Dual Range Balances	
104 Volume - .02 Special laboratory volumetric apparatus		0.2 µL to 10 µL 10 µL to 20 µL 20 µL to 100 µL 100 µL to 200 µL 200 µL to 500 µL 500 µL to 1,000 µL 1,000 µL to 2,000 µL 2,000 µL to 5,000 µL 5,000 µL to 10,000 µL 10,000 µL to 20,000 µL 20,000 µL to 50,000 µL 50,000 µL to 100,000 µL	0.10 µL 0.16 µL 0.25 µL 0.30 µL 0.50 µL 1.25 µL 4.00 µL 8.00 µL 14.00 µL 17.00 µL 30.00 µL 120.00 µL	Method EN/ISO. 8655: 2022: 1 to 7 and 9 Volume of liquids For water delivered from piston and / or plunger operated volumetric apparatus	Laboratory pipettes and dispensing Equipment: Single Channel Pipettes: 0.2 µL to 20,000 µL Multichannel Pipettes: 0.5 µL to 1250 µL Piston Burettes: 1 ml to 50 ml Dilutors: 1 mL to 5 mL Dispensers: 1 µL to 100 mL Syringes: 1 µL to 5,000 µL	

Calibration and Measurement Capability (CMC) is expressed in terms of the following parameters:

- ☐ Measure and or reference material
- ☐ Calibration or measurement method or procedure and type of instrument or material calibrated/measured
- ☐ Measurement range and additional parameters where applicable
- ☐ Measurement uncertainty.

Nominal temperature for Category A (in-house) calibration work: 20±2°C

Nominal temperature for Category B (customer site) calibration work: 23±5°C

*Measurement uncertainty shall be reported in compliance with EA 4/02 "Evaluation of the Uncertainty of Measurement in Calibration".
In accordance with INAB policy, uncertainties are calculated for an estimated confidence level of not less than 95%.*