Schedule of Accreditation

Organisation Name	Carl Stuart Limited
Trading As	Lab Unlimited
INAB Reg No	270C
Contact Name	Orla Wall
Address	Tallaght Business Park, Whitestown, Dublin, Dublin
Contact Phone No	01 4523432
Email	orla.wall@carlstuart.com
Website	http://www.carlstuart.com
Accreditation Standard	ISO 17025 C
Date Initially Awarded	07/09/2010
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	Tallaght Business Park, Whitestown, Dublin, D24RFK3

Scope of Accreditation

Head Office

Metrology

Category: A

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Calibration and measurement capability (CMC)	Std. ref/SOP	Products	Remarks
101 Mass - .01 Precision laboratory balances	Precision laboratory balances	1 mg to 5 g 5 g to 20 g 20 g to 100 g 100 g to 200 g	0.03 mg 0.05 mg 0.14 mg 0.28 mg	Documented procedure 5.3		Class: E2
		1 mg to 5 g 5 g to 20 g 20 g to 100 g 100 g to 600 g 600 g to 1000 g 1 kg to 5 kg	0.10 mg 0.14 mg 0.28 mg 1.3 mg 2.7 mg 14 mg	Documented procedure 5.3		Class: F1
101 Mass - .02 Industrial balances	Industrial balances	1 kg to 10 kg 10 kg to 50 kg 50 kg to 100 kg 100 kg to 150 kg	1.2 g 1.4 g 1.9 g 2.6 g	Documented procedure 5.3		Class: M1
104 Volume - .02 Special laboratory volumetric apparatus	Special laboratory volumetric apparatus	5 µl to 20 µl 20 µl to 100 µl 100 µl to 200 µl 200 µl to 1000 µl 1 ml to 2 ml 2 ml to 5 ml 5 ml to 10 ml 10 ml to 50 ml	0.1µl 0.3 µl 0.5 µl 3 µl 5 µl 10 µl 10 µl 20 µl	Documented procedure 5.2 EN ISO 8655- 1 to 6: 2002 & EN ISO 8655-7: 2005, Gravimetric method for determination of volume delivered from a plunger/ piston operated apparatus.	Automatic piston-operated apparatus	

The Calibration and Measurement Capability expressed in terms of :

Calibration method
Measurement range
Measurement uncertainty

The lowest CMC applies when the range changes or overlaps

Head Office

Metrology

Category: B

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Calibration and measurement capability (CMC)	Std. ref/SOP	Products	Remarks
101 Mass - .01 Precision laboratory balances	Precision laboratory balances	1 mg to 5 g 5 g to 20 g 20 g to 100 g 100 g to 200 g	0.03 mg 0.05 mg 0.14 mg 0.28 mg	Documented procedure 5.3		Class: E2
		1 mg to 5 g 5 g to 20 g 20 g to 100 g 100 g to 600 g 600 g to 1000 g 1 kg to 5 kg	0.10 mg 0.14 mg 0.28 mg 1.3 mg 2.7 mg 14 mg	Documented procedure 5.3		Class: F1
101 Mass - .02 Industrial balances	Industrial balances	1 kg to 10 kg 10 kg to 50 kg 50 kg to 100 kg 100 kg to 150 kg	1.2 g 1.4 g 1.9 g 2.6 g	Documented procedure 5.3		Class: M1
104 Volume - .02 Special laboratory volumetric apparatus	Special laboratory volumetric apparatus	5 µl to 20 µl 20 µl to 100 µl 100 µl to 200 µl 200 µl to 1000 µl 1 ml to 2 ml 2 ml to 5 ml 5 ml to 10 ml 10 ml to 50 ml	0.1 µl 0.3 µl 0.5 µl 3 µl 5 µl 10 µl 10 µl 20 µl	Documented procedure 5.2 EN ISO 8655- 1 to 6: 2002 & EN ISO 8655-7: 2005, Gravimetric method for determination of volume delivered from a plunger/ piston operated apparatus.	Automatic Diluter/Dispenser Apparatus	
107 Temperature measuring equipment - .09 Digital temperature indicator systems	Digital temperature indicator systems	- 20 °C to 150 °C - 20 °C to 105 °C	0.3° C 0.6 °C	Documented procedure 5.20 Documented procedure 5.20A		Dryblock Temperature Control Bath
108 Temperature controlled enclosures - .01 Ovens, furnaces, baths	Ovens, furnaces and baths	- 20 °C to 50 °C 50 °C to 150 °C	0.31° C 0.53 °C	Documented procedure 5.17 (Thermocouple)		
108 Temperature controlled enclosures - .02 Incubators	Incubators	-20 °C to 50 °C 50 °C to 150 °C	0.31 °C 0.53 °C	Documented procedure 5.17 (Thermocouple)		
108 Temperature controlled enclosures - .04 Industrial freezers	Industrial freezers	-20 °C to 50 °C	0.31 °C	Documented procedure 5.17 (Thermocouple)		

The Calibration and Measurement Capability expressed in terms of :

Calibration method
Measurement range
Measurement uncertainty

The lowest CMC applies when the range changes or overlaps