

# Certificate of Traceability and Calibration

Company: INSERT COMPANY NAME

Certificate Number: SC01.28.19F

Certification Date: January 28th, 2019

Expiration Date: January 28th, 2020

This product was Calibrated and Certified to be traceable to National Institute of Standards and Technology standards as per the following validation information.



1295 Morningside Avenue, Unit 16-17  
Toronto, ON M1B 4Z4 Canada  
Phone: 416-261-4865 Fax: 416-261-7879  
www.scigiene.com

Test equipment used by Scigiene for verifying specifications and accuracy during calibration procedures:

Anova Model: A40 Refrigerated & Heating Circulator Bath Serial#: 96453

Anova I-100 Standard Immersion Circulator Serial#: 65498

Techne Model TE-10D, Serial#: 174035-15

## Reference Standard

Eutechnics Precision Temperature Thermometer, Model#: 4500 with SP646, Serial#: 10402616, -40°C to +150°C, 0.01 Resolution, Accuracy  $\pm 0.05^\circ\text{C}$  Calibration System Date: November 21st, 2018 Due Date: November 21st, 2019

Model #	Serial #	Reference Standard $^\circ\text{C}$	Temp. As Found $^\circ\text{C}$	Difference As Found $^\circ\text{C}$	Offset $^\circ\text{C}$	Temp. As Left $^\circ\text{C}$	Difference As Left $^\circ\text{C}$	Specification Acceptance $^\circ\text{C}$
MA0289 - Marathon 3C/TEMP LCD-RH	ABC1234000	-20.00	-19.9	0.10	0.00	-19.9	0.10	$\pm 1.0$
		9.99	9.8	-0.19	0.00	9.8	-0.19	$\pm 0.5$
		50.00	50.0	0.00	0.00	50.0	0.00	$\pm 1.0$
MA0289 - Marathon 3C/TEMP LCD-RH	ABC1234001	-20.00	-19.8	0.20	0.00	-19.8	0.20	$\pm 1.0$
		9.99	10.0	0.01	0.00	10.0	0.01	$\pm 0.5$
		50.00	49.8	-0.20	0.00	49.8	-0.20	$\pm 1.0$
MA0289 - Marathon 3C/TEMP LCD-RH	ABC1234002	-20.00	-19.9	0.10	0.00	-19.9	0.10	$\pm 1.0$
		9.99	9.9	-0.09	0.00	9.9	-0.09	$\pm 0.5$
		50.00	50.0	0.00	0.00	50.0	0.00	$\pm 1.0$

Technician: Harvi Ancheta

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## Reference Standard

Schaller RH2 Humimeter with humidity probe: Serial Number: 3555

ACS Grade LiCl: Lot Number: 2617C011

ACS Grade NaCl: Lot Number: E0417

Model #	Serial #	Reference Standard RH %	Sensor As Found RH %	Difference As Found RH %	Offset RH %	Sensor As Left RH %	Difference As Left RH %	Specification Acceptance RH %
MA0289 - Marathon 3C/TEMP LCD-RH	ABC1234000	36.9	37.3	0.4	-0.4	36.9	0.00	±3%
		75.2	75.6	0.4	-0.4	75.2	0.00	±3%
MA0289 - Marathon 3C/TEMP LCD-RH	ABC1234001	36.9	37.6	0.7	-0.6	37.0	0.10	±3%
		75.2	75.7	0.5	-0.6	75.1	-0.10	±3%
MA0289 - Marathon 3C/TEMP LCD-RH	ABC1234002	36.9	35.8	-1.1	1.4	37.2	0.30	±3%
		75.2	73.4	-1.8	1.4	74.8	-0.40	±3%

Technician: Harvi Ancheta