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Certificate of Calibration

Logger Type: tempmate.®-B3
Serial Number: 6B0000004F97EF41
Calibration Certificate Number: 7D-03E56821
Date of Calibration: 26/01/2018, 1:14 PM
Lab Ambient Environment: 22.0°C ± 2°C, 45% RH ± 25% RH

Equipment Used:

Description	Reference	Cal Cert	Cal Date	Accuracy	Uncertainty
LEYRO LDT-2000 & PT100	1031401205	111382	25/05/2017	±0.023°C	±0.06°C

Temperature Results

Reference (°C)	tempmate.®-B3 (Pre-Cal °C)	Error (Pre-Cal °C)	PASS/FAIL (Pre-Cal)	tempmate.®-B3 (Post-Cal °C)	Error (Post-Cal °C)	PASS/FAIL (Post-Cal)	Allowable Error °C
+119.98	+120.12	+0.14	NEW	+119.93	-0.05	PASS	±0.14
+99.92	+100.23	+0.31	NEW	+99.97	+0.05	PASS	±0.14
+79.91	+80.19	+0.28	NEW	+79.86	-0.05	PASS	±0.14

Calibration Data

Channel Type	Gain (Pre-Cal)	Offset (Pre-Cal)	Gain (Post-Cal)	Offset (Post-Cal)
Temperature	1.00000	+0.00	1.00351	-0.61

Notes

Equipment calibration traceable to N.P.L. and UKAS Standards. Recommended Calibration interval of 12 months

Temperature Specification: ±0.1°C ±0.1% Calibrated Span.

Temperature resolution set to 0.07°C (11bit) during calibration.

NEW = Logger not previously calibrated. PASS/FAIL cannot be applied.

Device total: 1188 samples.

Agent:

Mariusz Orjanik

Date:

26/01/2018, 1:14 PM

Stamp:


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