

signatrol

Certificate of Calibration

Logger Type: SL53T-A
Serial Number: 8B0000003E7D6241
Calibration Certificate Number: 33-06CBD142
Date of Calibration: Mon 12 Aug 2019, 4:24 PM
Sales Order Number: 112460
Customer Purchase Order: U20082134
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	158314	05/06/2019	±0.019°C	±0.06°C

Temperature Results

Reference (°C)	SL53T-A (Pre-Cal °C)	Error (Pre-Cal °C)	PASS/FAIL (Pre-Cal)	SL53T-A (Post-Cal °C)	Error (Post-Cal °C)	PASS/FAIL (Post-Cal)	Allowable Error °C
+119.97	+119.89	-0.08	PASS	+119.88	-0.09	PASS	±0.14
+100.00	+100.07	+0.07	PASS	+100.08	+0.08	PASS	±0.14
+79.89	+79.78	-0.11	PASS	+79.80	-0.09	PASS	±0.14

Calibration Data

Channel Type	Gain (Pre-Cal)	Offset (Pre-Cal)	Gain (Post-Cal)	Offset (Post-Cal)
Temperature	1.01500	-1.69	1.01443	-1.63

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.

Device total: 107595 samples.

Sean Rowan

