

signatrol

Certificate of Calibration

Logger Type: SL55T-A
Serial Number: 4C0000004E5DEE41
Calibration Certificate Number: 33-069561E4
Date of Calibration: Tue 02 Jul 2019, 9:27 AM
Sales Order Number: 112360
Customer Purchase Order: PO-0841
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)	SL55T-A (Pre-Cal °C)	Error (Pre-Cal °C)	PASS/FAIL (Pre-Cal)	SL55T-A (Post-Cal °C)	Error (Post-Cal °C)	PASS/FAIL (Post-Cal)	Allowable Error °C
+134.94	+135.14	+0.20	PASS	+135.06	+0.12	PASS	±0.20
+120.98	+121.09	+0.11	PASS	+121.08	+0.10	PASS	±0.20
+110.11	+110.19	+0.08	PASS	+110.23	+0.12	PASS	±0.20

Calibration Data

Channel Type	Gain (Pre-Cal)	Offset (Pre-Cal)	Gain (Post-Cal)	Offset (Post-Cal)
Temperature	1.00836	-0.29	1.00323	+0.32

Notes

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

Temperature Specification: ±0.2°C.

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

Device total: 30214 samples.

Sean Rowan

