

signatrol

Certificate of Calibration

Logger Type: SL51T-A
Serial Number: 1A00000050E38221
Calibration Certificate Number: AA-06B3FA94
Date of Calibration: Thu 25 Jul 2019, 2:26 PM
Sales Order Number: 112419
Customer Purchase Order: Telephone
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)	SL51T-A (Pre-Cal °C)	Error (Pre-Cal °C)	PASS/FAIL (Pre-Cal)	SL51T-A (Post-Cal °C)	Error (Post-Cal °C)	PASS/FAIL (Post-Cal)	Allowable Error °C
+50.00	+49.91	-0.09	PASS	+50.03	+0.03	PASS	±1.00
+25.04	+24.93	-0.11	PASS	+25.02	-0.02	PASS	±1.00
-20.03	-20.04	-0.01	PASS	-20.00	+0.03	PASS	±1.00

Calibration Data

Channel Type	Gain (Pre-Cal)	Offset (Pre-Cal)	Gain (Post-Cal)	Offset (Post-Cal)
Temperature	0.99929	-0.05	1.00043	+0.01

Notes

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

Temperature Specification: ±1°C.

Temperature resolution: 0.5°C (8bit)

Device total: 4953 samples.



Martin Westover

