

signatrol

Certificate of Calibration

Logger Type: SL52T-A
Serial Number: 0200000049CBA741
Calibration Certificate Number: 33-069E97B1
Date of Calibration: Tue 09 Jul 2019, 9:06 AM
Sales Order Number: 112379
Customer Purchase Order: 124211
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) | SL52T-A (Pre-Cal °C) | Error (Pre-Cal °C) | PASS/FAIL (Pre-Cal) | SL52T-A (Post-Cal °C) | Error (Post-Cal °C) | PASS/FAIL (Post-Cal) | Allowable Error °C |
|----------------|----------------------|--------------------|---------------------|-----------------------|---------------------|----------------------|--------------------|
| +24.96 | +25.04 | +0.08 | PASS | +24.98 | +0.02 | PASS | ±0.14 |
| +4.03 | +4.04 | +0.01 | PASS | +4.01 | -0.02 | PASS | ±0.14 |
| -20.02 | -20.02 | +0.00 | PASS | -20.00 | +0.02 | PASS | ±0.14 |

Calibration Data

| Channel Type | Gain (Pre-Cal) | Offset (Pre-Cal) | Gain (Post-Cal) | Offset (Post-Cal) |
|--------------|----------------|------------------|-----------------|-------------------|
| Temperature | 1.00133 | -0.30 | 0.99956 | -0.32 |

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: 11563 samples.

Sean Rowan

