

# signatrol

## Certificate of Calibration

Logger Type: SL56T-A  
Serial Number: 8B00000010530E53  
Calibration Certificate Number: 0D-0BCF907D  
Date of Calibration: Tue 12 Apr 2022, 10:18 AM  
Sales Order Number: 100000  
Customer Purchase Order: EXAMPLE  
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 | 197559 I2 | 02/06/2021 | ±0.019°C | ±0.06°C     |

### Temperature Results

| Reference (°C) | SL56T-A (Pre-Cal °C) | Error (Pre-Cal °C) | PASS/FAIL (Pre-Cal) | SL56T-A (Post-Cal °C) | Error (Post-Cal °C) | PASS/FAIL (Post-Cal) | Allowable Error °C |
|----------------|----------------------|--------------------|---------------------|-----------------------|---------------------|----------------------|--------------------|
| +39.96         | +40.00               | +0.04              | NEW                 | +39.97                | +0.01               | PASS                 | ±0.16              |
| +4.06          | +4.13                | +0.07              | NEW                 | +4.05                 | -0.01               | PASS                 | ±0.16              |
| -24.95         | -24.81               | +0.14              | NEW                 | -24.94                | +0.01               | PASS                 | ±0.16              |

### Calibration Data

| Channel Type | Gain (Pre-Cal) | Offset (Pre-Cal) | Gain (Post-Cal) | Offset (Post-Cal) |
|--------------|----------------|------------------|-----------------|-------------------|
| Temperature  | 1.00000        | +0.00            | 1.00154         | -0.09             |

### 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: 12546 samples.



Nick Price

