CERTIFICATE OF CALIBRATION

Date Of Issue 30th November 2018 Certificate Number 301118/N19



Certificate Issued By:



Electronic Temperature Instruments Ltd Easting Close, Worthing West Sussex BN14 8HQ, UK tel: 01903 202151

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Approved Signatory	Signature
S. Saunders	5

Customer Name:

SIGNATROL LIMITED

Address:

UNIT E2

GREEN LANE BUSINESS PARK

TEWKESBURY

GLOUCESTERSHIRE

GL20 8SJ

Order Number:

45679

Ref Number: 693/69144

< 60 %rh

Date Received: 28th November 2018

Date Calibrated:

29th November 2018

Ambient Temperature: 22 °C ± 2 °C

Ambient Humidity:

Temperature Scale:

International Temperature Scale of 1990

Inst Description:

ETI REFERENCE THERMOMETER

Sensor Type: INTEGRAL 130mm PT100 LIQUID PROBE

Inst Serial Number: D12360142

Sensor Serial Number: N/A

Calibrated Range/Scale:

- 50 °C to + 134 °C / 0.01 °C RESOLUTION

Procedure:

The Instrument was stabilised at ambient temperature, then calibrated by comparison

with two traceable references in stirred liquid baths. Immersion depth

Results: Test Temperature °C

Instrument Reading °C

- 50.00	- 50.03
- 18.00	- 18.00
4.00	4.00
25.00	25.00
100.00	100.00
134.00	134.00

Uncertainty of Measurement ± 0.04 °C + Instrument Resolution.

End of Report

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%.

The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Results indicate performance of instrument at time of measurement, with no warranty as to specification, repeatability or long term stability.

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/ or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes, including the National Institute of Standards and Technology (NIST).

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