

# CERTIFICATE OF CALIBRATION

Date Of Issue  
7th September 2015

Certificate Number  
070915/N10



Certificate Issued By:



Electronic Temperature Instruments Ltd  
Easting Close, Worthing  
West Sussex BN14 8HQ England  
Telephone +44 01903 202151  
Facsimile +44 01903 202445  
email: sales@etiltd.co.uk  
Website: www.etiltd.co.uk

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Approved Signatory

Signature

G. Hills

Customer Name: SIGNATROL LIMITED  
Address: UNIT E2  
GREEN LANE BUSINESS PARK  
TEWKESBURY  
GLOUCESTERSHIRE  
GL20 8SJ

Order Number: 44943

Ref Number: 479/47778

Date Received: 3rd September 2015

Date Calibrated: 7th September 2015

Ambient Temperature: 22 °C ± 2 °C

Ambient Humidity: < 60 %rh

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 110mm

Results: Test Temperature °C

Instrument Reading °C

- 50.00	- 49.97
- 18.00	- 18.01
4.00	3.99
25.00	24.99
100.00	99.99
134.00	133.99

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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