

CERTIFICATE OF CALIBRATION

Date Of Issue
21st January 2019

Certificate Number
210119/N10



0601

Certificate Issued By:



Electronic Temperature Instruments Ltd
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Approved Signatory

Signature

G. Hills

Customer Name: PIETIKO OY
Address: LEMMINKAISENKATU 62
20520 TURKU
FINLAND

Order Number: 1549

Ref Number: 685/68359

Date Received: 17th January 2019

Date Calibrated: 18th January 2019

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: D19030218

Sensor Serial Number: N/A

Calibrated Range/Scale: - 18 °C to + 100 °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

- 18.00

- 18.00

0.00

0.00

40.00

40.00

70.00

70.00

100.00

100.00

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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