

# CERTIFICATE OF CALIBRATION

Date Of Issue  
30th April 2020

Certificate Number  
300420/N4



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: 1937

Ref Number: 795/79328

Date Received: 28th April 2020

Date Calibrated: 30th April 2020

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: D20165022

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

40.01

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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