

CERTIFICATE OF CALIBRATION



0601

Date Of Issue
16th December 2013

Certificate Number
161213/N14

Certificate Issued By:

Electronic Temperature Instruments Ltd
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Page 1 of 1 pages

Approved Signatory	Signature
J. Carswell	
R. Collins	
G. Hills	

Customer Name: DJB LABCARE LIMITED
Address: UNIT 20 HOWARD WAY
INTERCHANGE PARK
NEWPORT PAGNELL
BUCKINGHAMSHIRE
MK16 9QS

Order Number: 19225

Ref Number: 384/38296

Date Received: 13th December 2013

Date Calibrated: 16th December 2013

Ambient Temperature: 22 °C ± 2 °C Ambient Humidity: < 60 %rh

Temperature Scale: International Temperature Scale of 1990

Inst Description: AMIPROBE TMD-56 INDICATOR

Sensor Type: 1000mm TYPE "T" EXPOSED JUNCTION WIRE PROBE

Inst Serial Number: 13070040 Sensor Serial Number: P040

Calibrated Range/Scale: - 50 °C to + 100 °C / 0.1 °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	- 49.9
	0.00	0.0
	37.00	37.0
	100.00	99.8

Uncertainty of Measurement ± 0.15 °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 measurements to recognised national standards, and to units of measurement realised at the National Physical Laboratory and other recognised national standards laboratories, including the National Institute of Standards and Technology (NIST).

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