

CERTIFICATE OF CALIBRATION



UKAS
CALIBRATION

0601

Date Of Issue
19th December 2014

Certificate Number
191214/N12

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

Page 1 of 1 pages

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

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

Order Number: NS19856

Ref Number: 438/43681

Date Received: 16th December 2014

Date Calibrated: 19th December 2014

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

Temperature Scale: International Temperature Scale of 1990

Inst Description: AMPROBE TMD-56 INDICATOR

Sensor Type: 1000mm TYPE 'T' EXPOSED JUNCTION WIRE PROBE

Inst Serial Number: 13070033 Sensor Serial Number: P0033

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	- 49.3
0.00	0.2
37.00	36.9
70.00	69.6
100.00	99.3

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 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).

This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.