

# CERTIFICATE OF CALIBRATION

Date Of Issue  
13th June 2014

Certificate Number  
130614/N1



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  
CROMWELL BUSINESS CENTRE  
INTERCHANGE PARK  
NEWPORT PAGNELL, BUCKINGHAMSHIRE  
MK16 9QS

Order Number: Paul Smith

Ref Number: 409/40712

Date Received: 5th June 2014

Date Calibrated: 13th June 2014

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

Temperature Scale: International Temperature Scale of 1990

Inst Description: AMPROBE TMD56 INDICATOR

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

Inst Serial Number: 13040005

Sensor Serial Number: P0005

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	- 49.5
0.00	0.1
37.00	37.1
75.00	74.9
100.00	99.9

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).

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