

Report No. : A260659
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Customer : UniCal Pte Ltd
Blk 28F Penjuru Close
01-05
Singapore 609134

Descriptions

Instrument : Temperature Data Logger
Brand : Lascar electronics
Model : EL-USB-1-PRO
Serial No. : 68012909
Tag No. : TDL 32
Calibration Point(s) : (-35, -20, 0, 20, 50, 90, 123) °C
Immersion : Full immersion
Dates of Calibration : 09-13 Mar 2026

Ambient Conditions

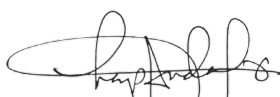
Temperature : (22-23) °C
Relative Humidity : (56-60) % relative humidity

Method of Calibration

The unit under test was calibrated at UniCal Pte Ltd under the above ambient conditions according to the in-house and on-site calibration procedure UTCP-003. The calibration results reported are traceable to SI units of measurement through recognized national metrology institutes. The calibration was performed using ITS-90 (International Temperature Scale 1990).

Reference Standard(s)

Digital Thermometer, S/N: 60150616
Platinum Resistance Thermometer, S/N: 1621123



Hero Allan Andal
Calibration Officer



Lim Kah Sen
Approved Signatory

Terms and Conditions:

1. The Report was prepared for the sole use of the Client and was prepared based upon the item submitted and service was carried out based on the environmental conditions stated.
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UniCal Pte Ltd

28F Penjuru Close #01-05 Singapore 609134 | T: +65 6694 5429 | sales@unical.com.sg | www.unical.com.sg
This issued report is subjected to the terms and conditions stated.

CALIBRATION REPORT

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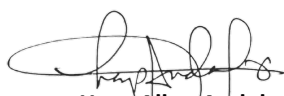
Results of Calibration

The results of this calibration are shown in the table(s). The expanded uncertainty of measurement associated with the indicated value estimated is at a level of confidence of approximately 95 % with a coverage factor $k=2$. The user should determine the suitability of this instrument for its intended use.

Table 1. As Found Data

Reference Temperature, A (°C)	Unit Under Test, B (°C)	Correction (A-B) (°C)	Expanded Uncertainty (°C)
-35.0	-34.9	-0.1	0.1
-20.0	-19.9	-0.1	0.1
0.0	-0.1	0.1	0.1
20.0	19.9	0.1	0.1
50.0	49.9	0.1	0.1
90.1	90.0	0.1	0.2
123.0	122.9	0.1	0.2

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council.



Hero Allan Andral
Calibration Officer