

CERTIFICATE OF CALIBRATION



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9385

Certificate No: UKAS 35744
Date Of Issue: 09 July 2025
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Issued By: M Rigby
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Authorised Signatory

N Gargan

Customer: Deva Calibration Lab
Equipment: Set 34
Calibration Location: Deva Calibration Lab
Job Number: 35744

Procedure Number: ICM005 Rev C

Test Conditions:

Ambient Temperature: 22 °C

**The results stated on this certificate relate only to the equipment listed above*

Calibration Results:

Datalogger	Serial Number	-40°C Range		0°C Range		35°C Range	
		Applied	Indicated	Applied	Indicated	Applied	Indicated
MadgeTech CryoTemp	S94397	-40.2	-40.4	0.2	0.2	35.8	35.8
MadgeTech CryoTemp	S94426	-40.2	-40.1	0.2	0.3	35.8	35.9
MadgeTech CryoTemp	S94415	-40.2	-40.3	0.2	0.1	35.8	35.8
MadgeTech CryoTemp	S94402	-40.2	-40.1	0.2	0.3	35.8	35.9
MadgeTech CryoTemp	S94425	-40.2	-40.3	0.2	0.0	35.8	35.6
MadgeTech CryoTemp	S94429	-40.2	-40.0	0.2	0.2	35.8	35.7
MadgeTech CryoTemp	S94430	-40.2	-40.3	0.2	0.0	35.8	35.6
MadgeTech CryoTemp	S94427	-40.2	-40.1	0.2	0.1	35.8	35.5
MadgeTech CryoTemp	S94403	-40.2	-40.3	0.2	0.0	35.8	35.5
MadgeTech CryoTemp	S94411	-40.2	-40.2	0.2	0.1	35.8	35.6
MadgeTech CryoTemp	S88470	-40.2	-40.2	0.2	0.1	35.8	35.7

The measurement uncertainty on this certificate is ± 0.27 °C

The Logger Set is placed in a Climate Chamber and ran over the desired temperature range(s) for approximately 4 hours per temperature range. The data from the logger is downloaded and inserted in the Data Template. The data recorded by the UKAS certified Picolog Thermometer is also downloaded and inserted to the same template. The Data Template will calculate the Mean Value for the Applied and Indicated Temperature, and produce a Certificate.

END OF RESULTS

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 units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%