

Certificate of Calibration

Issued by: **DJB labcare**

Date of issue: 9th November 2015 Certificate number: 036809/11/15

Location: DJB Labcare Ltd
20 Howard Way
Cromwell Business Centre
Interchange Park
Newport Pagnell
Bucks. MK16 9QS

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Paul Smith
Approved signatory

TMD-56 Thermometer, 13110368

Set Temperature (°C)	Measured Temperature (°C, first reading)	Measured Temperature (°C, second reading)	Average Temperature (°C, mean of readings)
-50.0	-50.2		
-30.0	-30.1		
-20.0	-20.1		
0.0	-0.1		
4.0	4.0		
20.0	19.9		
37.0	36.9		
50.0	49.9		
80.0	79.9		
100.0	99.8		
195.0	195.0		
300.0	300.1		

Ambient temperature: 23.2°C

Uncertainty: ±0.82°

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

Humidity 49.2%RH

A MiCROCAL1 Plus type T thermocouple simulator serial number D15440113 was connected to the equipment under test. Various simulated inputs were applied allowed to stabilise and the displayed temperature recorded. All calibrations are relevant to T1 input unless otherwise stated