

# Certificate of Calibration

Issued by: **DJB labcare**

Date of issue: 9th November 2015      Certificate number: 034209/11/15

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, 13040342

Set Temperature (°C)	Measured Temperature (°C, first reading)	Measured Temperature (°C, second reading)	Average Temperature (°C, mean of readings)
-50.0	-50.0		
-30.0	-30.0		
-20.0	-20.0		
0.0	0.0		
4.0	4.1		
20.0	19.9		
37.0	36.9		
50.0	49.9		
80.0	79.9		
100.0	99.9		
195.0	195.0		
300.0	300.0		

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