



Calibration Certificate



NVLAP lab code: 200948-0
Laboratory management system
accredited to ISO/IEC

Thermodata Corporation
40 South Street, Suite 101
Marblehead MA 01945
USA

tel: 781 990 0122
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Date received: Jun 19, 2012
Date item calibrated: Jun 20, 2012
Calibration due: Sep 20, 2013
Calibration method: Comparison
Uncertainty of measurement (k = 2) $\pm 0.07^\circ\text{C}$

Certificate Number DF0000041DB5CB28-59

Date issued: Jul 09, 2012

Issued to: Sample Customer
123 Main Street
New York, NY 10349
USA

Device type: 1-Wire® temperature sensor
Manufacturer: Maxim Integrated Products
Model number DS18B20
Serial number DF0000041DB5CB28

The following Test Equipment was used in this calibration:

Description	Model No.	Serial No.	Calibration date	Calibration due date
Hart Scientific RTD thermometer module	2560	BOA256	Sep 20, 2011	Sep 20, 2012
Hart Scientific RTD thermometer module	2560	BOA257	Sep 20, 2011	Sep 20, 2012
Hart Scientific RTD temperature probe	5628-20	2077	Feb 15, 2012	Feb 15, 2013
Hart Scientific RTD temperature probe	5628-20	2078	Feb 15, 2012	Feb 15, 2013

Calibration records for the above Test Equipment include traceability to standards maintained by the National Institute for Standards and Technology (NIST), an agency of the United States Department of Commerce, and direct comparison with fixed points by a laboratory accredited to ISO/IEC 17025.

Laboratory conditions during calibration: Temperature: 22.7 Relative humidity 34%

Calibration test results:

Temperature set point	Reference temperature	As found reading
0	-0.001	0.125
8	7.996	8.050
25	24.977	24.850

All temperature measurements are expressed in degrees Celsius ($^\circ\text{C}$)

Calibration performed and certificate issued by:

Robert Keith,
Technical manager

This certificate and the information contained herein are not valid unless this certificate is reproduced in its entirety.
End of Report