



R.M. Young Company
 2801 Aero Park Drive
 Traverse City, Michigan 49686 USA



CALIBRATION REPORT
Temperature Sensor

Customer: *University of Hawaii*

Test Number: 1506-01T
 Test Date: 6 May 2011

Customer PO: Z988598
 Sales Order: 1903

Test Sensor:
 Model: 41342VC Serial Number: *TS01952*
 Description: Temperature Sensor

Report of calibration comparison of test temperature sensor with National Institute of Standards and Technology traceable standard thermometers at three temperatures in the R.M. Young Company controlled temperature calibration bath facilities. Calibration accuracy $\pm 0.1^\circ$ Celsius.

<u>Bath Temperature (degrees C)</u>	<u>Voltage Output (millivolts)</u>	<u>Indicated (1) Temperature (degrees C)</u>
-50.04	-0.5	-50.05
0.03	500.4	0.04
50.01	1000.1	50.01

(1) Calculated from voltage output

All reference equipment used in this calibration procedure have been tested by comparison to traceable standards certified by the National Institute of Standards and Technology.

<u>Reference Instrument</u>	<u>Serial #</u>	<u>NIST Test Reference</u>
Brooklyn Thermometer Model 43-FC	3006-18	4026644
Brooklyn Thermometer Model 22332-D5-FC	25071	4026798
Brooklyn Thermometer Model 2X400-D7-FC	77532	4026745
Keithley Multimeter Model 191	15232	3956235

Tested By: *ECherny*