



TEMPERATURE CALIBRATION CERTIFICATE

Calibration Performed By:

Bio-Tek Services, Inc.
5310 South Laburnum Avenue
Richmond, VA 23231

Calibration Performed For:

Vermont Forensic Laboratory
103 South Main Street
Waterbury, Vermont 5671
Attention: Rebecca Mead

Equipment Information:

Asset #: Unknown
Description: Bimetals
Manufacturer: Fisher Scientific

Serial Number: 111814367
Model Number: 14-648-12

Measurement Data:

Test Procedure	Test Frequency	Date Performed	Date Due
BTS-SOP-007	Annually	14-Nov-2013	14-Nov-2014

Test Points:

As Found					As Left				
UUT	Ref Std	Tol	Dev	Unc.	UUT	Ref Std	Tol	Dev	Unc.
°C -30.0	-30.195	+/- 0.30	0.195	0.057	°C -30.0	-30.195	+/- 0.30	0.195	0.057
°C 49.8	50.004	+/- 0.30	-0.204	0.057	°C 49.8	50.004	+/- 0.30	-0.204	0.057
°C 149.9	149.951	+/- 0.30	-0.051	0.129	°C 149.9	149.951	+/- 0.30	-0.051	0.129

As Found: IN TOLERANCE
As Left: IN TOLERANCE

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). It is also certified that as a result of measurements recorded, adjustments made and standards applied, it is concluded that said instrument is in conformance with the manufacturers specification for that instrument at the time this calibration and/or service was performed. The uncertainty represents an expanded uncertainty using a coverage factor of k=2 Note: This statement of traceability is not applicable to those instruments that fail the "As Left"

Referenced Standards Used & Notes:

Standards Used: Fluke 1529 Chub-E4 PRT Thermometer, S/N: B01140, Cal Expires: 08-Jan-2014

Technician: William Scott *[Signature]* Date: 19-Nov-2013
Michael Kramer *[Signature]* Date: 19-Nov-2013