



Certificate #: 103702-002

### 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: 111814517  
Model Number: 14-648-12

**Measurement Data:**

<u>Test Procedure</u>	<u>Test Frequency</u>	<u>Date Performed</u>	<u>Date Due</u>
BTS-SOP-007	Annually	30-Aug-2013	30-Aug-2014

Test Points:

As Found					As Left					
	UUT	Ref Std	Tol	Dev	Unc.		UUT	Ref Std	Tol	Dev
°C	-30.0	-30.089	+/- 1.00	0.089	0.057	°C	-30.0	-30.089	+/- 1.00	0.089
°C	49.8	50.054	+/- 1.00	-0.254	0.057	°C	49.8	50.054	+/- 1.00	-0.254
°C	149.8	150.016	+/- 1.00	-0.216	0.129	°C	149.8	150.016	+/- 1.00	-0.216

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: Brett Flegenheimer *Brett Flegenheimer* Date: 30-Aug-2013