## THERMOMETER CALIBRATION

## NIST Thermometer Ice Point Checks

NIST THERMOMETER SERIAL NUMBER	TRUE TEMPERATURE								
	NIST THERM. READING	CORRECTION FROM CERTIFICATE	TRUE TEMP. <sup>1</sup>	DATE	ANALYST	COMMENTS			

		TRUE TEMPERATURE			]			
THERMOMETER ID	DATE	ANALYST	NIST THERM READING	CORRECTION FROM CERTIFICATE	TRUE TEMP <sup>1</sup>	TEST THERM READING	TEST THERM CORR <sup>2</sup>	COMMENTS/LOCATION

<sup>1</sup>True Temperature = NIST Therm. Reading + NIST Certificate Correction Factor

<sup>2</sup>Test Thermometer Correction Factor = True Temperature - Test Thermometer Reading

Tag thermometer with ID/location, date of check, temperature(s) checked and correction factor(s).

Calibrate thermometer at temperature of use.

Reject thermometer if correction factor exceeds  $\pm 1^{\circ}$ C.