

Facility/Laboratory Name: \_\_\_\_\_

Year \_\_\_\_\_

**THERMOMETER ACCURACY CHECK LOG**

Date NIST Tested	NIST	Serial /ID Number	Range	Graduation Interval	Calibration points	Ice point result	Correction Factor <sup>7</sup> °C	Analyst
Date Tested	Test thermometer Location of use	Serial Number	Lab ID	Temp range of use °C	Temp of Test Thermometer °C	Temp and ID of NIST Reference Thermometer °C	Correction Factor °C	Analyst

1. To be done before initial use and at least annually thereafter.
2. National Institute of Standards and Testing (NIST) Certified thermometer, or equivalent, with a certificate of calibration.
3. Range of test thermometers appropriate for designated use.
4. Accuracy of test thermometers checked against certified thermometer.
5. Accurate to ± 1.0°C when checked at temperature(s) of use.
6. Results recorded and thermometers tagged with the following information: Identification, date of check, temperature of check, correction factor(s) and analyst ID.
7. If NIST has a correction other than 0.0°C, use form BFSLS 515a.