



Colorado Department
of Public Health
and Environment

Division of Environmental Health and Sustainability
Retail Food Program



Thermometer Calibration Log

How to Calibrate a Thermometer

1. Fill a Container with ice (crushed ice works best) and add water. There should be more ice than water.
2. Place the thermometer in the water so it is submerged past the indication on the stem (the indent).
3. Wait at least 1 minute for the thermometer to adjust.
4. Read the Thermometer and record the temperature.
 - A. If the thermometer reads 32°F +/- 2°F your thermometer is calibrated.
 - B. If the temperature does not read 32°F +/- 2°F then it needs to be adjusted.
 - i. For dial thermometers, the nut below the dial can be adjusted with a wrench to read 32°F.
Note: Some sleeve covers have a build in tool that can be used to make the adjustment.
 - ii. For digital thermometers, contact the manufacturer for recalibration.



<u>Device</u>	<u>Date</u>	<u>Reading</u>	<u>Corrective Action</u>	<u>Initials</u>	<u>Date</u>	<u>Reading</u>	<u>Corrective Action</u>	<u>Initials</u>	<u>Date</u>	<u>Reading</u>	<u>Corrective Action</u>	<u>Initials</u>
Thermometer 1	17-Mar	36°	1	ST	24-Mar	32°	N/A	BN	31-Mar	40°	1	RN

Devices include: dial probe thermometers, digital thermometers, thermocouples etc.
 Corrective Actions:
 (1) Manually Calibrated (2) Manufacture Calibration (3) Discarded or removed from use N/A No calibration is needed

Reviewed By: _____