

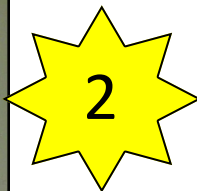
THERMOMETER CALIBRATION

USING ICE BATH

****This document is intended to be guidance for calibration of baby dial thermometers or thermometers that can otherwise be calibrated manually. Many digital thermometers cannot be manually calibrated and must be returned to manufacturer for proper calibration.****

Fill up a clean cup or container with ice.

Ensure that your container is filled with ice all the way to the top.



Fill with water to 1/2" below ice.

Add cold water. The water level should be just under the ice level and the ice should not float. If it does, you may need to pour out some of the water and add more ice.



Submerge the probe of the thermometer in water.

Place thermometer in ice bath and stir for at least one minute, wait until the needle on the thermometer stops moving. The probe should **not** be touching the bottom of container or the walls of the container.



Calibrate thermometer to 32° F.

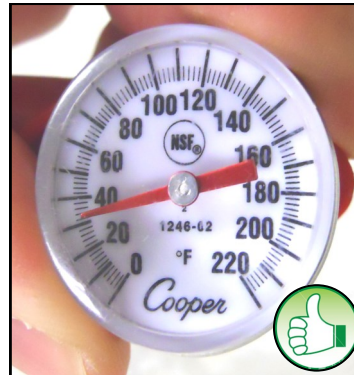
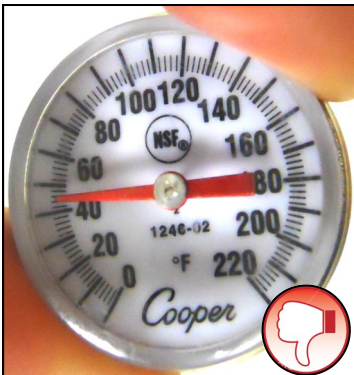
If thermometer does not read 32° F, adjust it while the thermometer probe is in the ice bath .

What does yours look like? If it reads 32° F ($\pm 2^\circ$), leave it alone, but if not...

Use a tool or wrench to move the calibration nut.

Adjust thermometer until the temperature reads 32° F.

And now you're ready to take temperatures.



****Calibration to be conducted about once a week or more often as needed.****