

Mr. Armay -

5/10/78

These are the maximum & minimum thermometers you requested from Jim Smith.

If you need any additional information or help please let me know.

Sincerely,

Neil Berg

EXT 3459

5/10/78

CALIBRATION OF MAXIMUM (WEKSLER) AND MINIMUM THERMOMETERS

Calibration standard is a National Bureau of Standard mercury-filled thermometer.

Ice bath for minimum thermometer.

Standard:  $0^{\circ}\text{C}$   
Minimum:  $32^{\circ}\text{F}$

Hot water bath for maximum and minimum thermometers.

Standard:  $107.6^{\circ}\text{F}$   
Minimum:  $106^{\circ}\text{F}$   
  
Standard:  $106.7^{\circ}\text{F}$   
Maximum:  $106.25^{\circ}\text{F}$

The hot water bath temperature is near the maximum possible upper value for both the maximum and minimum thermometers. I might expect the actual accuracy of the thermometers to be better than shown here over the normal use range of these instruments.

Neil Berg