

Temperature, SM 2550 B, 22nd edition (2010)

Initial Demonstration of Capability (DOC)

- Documentation (signed form) that analyst has read and understands all appropriate SOPs and Methods.

Method Detection Limit (MDL)

- NONE

Initial Calibration Verification (ICV)

- 2020 B.2.a.– Verify calibration **annually**
- 9020.B.4.a. – Annually or, preferably, semiannually check accuracy of all working temperature-sensing devices, such as liquid-in-glass thermometers, thermocouples, and temperature-recording instruments at the use temperature against a certified National Institute of Standards and Technology (NIST) thermometer or one traceable to NIST and conforming to NIST specifications.
 - Record calibration results, along with the date and the technician's signature, in a quality control logbook.
 - Mark the necessary calibration correction factor on each temperature measuring device so that only calibrated-corrected temperature values are recorded.
 - Verify accuracy of the reference certified thermometer as specified on the certificate of calibration or at least every 5 years.
- **Real people language – have thermometers verified annually by a NIST thermometer.**

Method Blank

- NONE

Laboratory Fortified Blank (LFB)

- NONE

Duplicate

- NONE

Laboratory Fortified Matrix (LFM)/Laboratory Fortified Matrix Duplicate (LFMD)

- NONE

Control Charts

- NONE

Corrective Action - 1020 B.5., B.8., & B.15.

Batch Size

- NONE