

2023 CALIBRATION STANDARDS HANDLING INSTRUCTIONS

Sample Reception

1. All calibration standards are preserved, and require refrigeration prior to use. The printed shelf life for each product type supposes refrigerated storage.
2. Each shipment includes a Temperature Control (TC) sample. Please use the TC sample to determine the temperature upon arrival, and do not discard. The temperature at arrival should not exceed 7°C for most standards, or 10°C for Raw Milk/Pasteurized Milk
3. Verify that you have received your entire order intact and please promptly report any problems to DQCI Customer Service - dqcicustomerservice@us4.eurofins-info.com.
 - a. We will replace standards damaged in shipping at no charge, with the exception of large volume samples, special orders, and custom standards.

Use of Standard Samples:

Failure to follow these guidelines will lead to inconsistent results that may not match published values.

1. Warm all standards in a water bath (preferably circulating) to a temperature of 37-42°C before testing.
2. Use the TC sample during this process to verify when standards have reached the appropriate temperature for analysis. Do not allow samples to remain in the water bath more than 30 minutes after reaching an appropriate temperature.
3. After warming the standards, invert them a few times to mix. Invert them gently to avoid incorporating air. If you are using Condensed Skim, Condensed Whole and Condensed Buttermilk, invert more vigorously to incorporate settled out solids.
4. Depending on the instrument, the sample volume of each vial is sufficient for multiple draws.
5. Calibrate the instrument as directed by your instrument provider. Verify the calibration by using the duplicate set.