



Level 4 Calibration Service Documentation

Client Information table with fields: Company, Address, Phone

Client Instrument table with fields: Manufacturer, Model, Serial #, ID/User

Laboratory Test Conditions table with fields: Temperature, Relative Humidity, Bar. Pressure, Water Den., Density Correction, Water Conductivity, Evaporation Rate

Laboratory Test Equipment table with fields: Test Balance Serial #, Test Balance Model, Test Balance Readability, Test Balance NIST Cert. Date, Test Balance NIST Cert Due Date

- Replacement Parts: O-Ring, Seal, Friction Ring, Shaft/Nozzle, Plunger button, Plunger Button Cap, Calibration mechanism was adjusted, Battery, Shaft/Nozzle Filter(s), Tip Ejector, Multi-Channel Tipcone, Housing Screw, Other (see Comments)

Quality Control Authorization table with fields: QC Reviewer, QC Date, Signature, Mike Anema, TTE Laboratory Manager

The calibration results published in this certificate were obtained gravimetrically using Grade 3 purified water, equipment manufacturer or validated substitute tips, and ISO8655 compliant test equipment that are traceable to NIST and through NIST to the International System of Units (SI). TTE certifies that the above measuring device meets or exceeds all measurement tolerances, unless otherwise noted. TTE prohibits the reproduction of this document, except in its entirety.

Certificate ID table with a barcode and alphanumeric string: * 0 2 2 5 2 0 1 5 - X 9 9 9 0 X *

Comments: TTE Sample Calibration Certificate. Channel #2 used for testing. Cleaned, regreased, and calibrated.

Service Information table with fields: Service Date, Certificate ID #, Test Technician, Next Due Date

As Found Data table with columns: Test Volumes (1-4), Mean (mg), Density Corr., Mean (ul), Accuracy (% Dev), Inaccuracy Tolerance, Precision (CV%), Imprecision Tolerance, Test Uncertainty

Test Result: PASS PASS PASS

As Left Data table with columns: Test Volumes (1-10), Mean (mg), Density Corr., Mean (ul), Accuracy (% Dev), Inaccuracy Tolerance, Precision (CV%), Imprecision Tolerance, Test Uncertainty

Test Result: PASS PASS PASS

PASS grade denotes that tolerances have been met according to OEM specifications, exclusive of measurement uncertainty. The risk for reporting a false PASS result is calculated to be < 2%. The reported expanded uncertainty value uses a coverage factor k=2 to a coverage probability of approximately 95%.

Procedure Referenced: TTEPCS0113.1 V2.23