

Certificate Example

METTLER TOLEDO THORNTON Inc.

5000 TOC SENSOR

*** Certificate of Test and Accuracy ***

Mettler-Toledo Thornton Inc. hereby certifies that the following instrument performs within specification. The instrument has passed our quality control Certification of Calibration standards and has been calibrated using test standards traceable to the National Institute of Standards and Technology (NIST), ASTM 1125 and ASTM D5391.

Manufacturer: Mettler-Toledo Thornton Inc. Date Performed: 03/30/05
Model Number: 58036001 Software Rev.: 1.00
Serial Number: 505030009 Technician: G.B.C.
Temperature: 21.1 deg.C Relative Humidity: 31.5 %
Calibration Procedure: TP97325

Calibration Standards:	Make:	Model:	S/N:	Cal.Due:
770 MAX Meter	Thornton	775-VAI	704090002	9/08/05
Standard Sensor	Thornton	230-211	04090918	5/02/05
Flow Meter	Malena	M-1500-T0	12589-001	1/08/06

250ppb Sucrose Lot #: PYH032405S1

500ppb Sucrose Lot #: PYH032406S2

TOC Measurement, Calibration and Test Results:

Setting	Standard	Measured	Deviation	Limit	Units	Status
250	250.0	226.4	-23.6	+/-25.0	ppb C	PASS
500	500.0	499.7	-0.3	+/-50.0	ppb C	PASS

TOC Constants: Multiplier: 1.190822 Adder: -0.000930

Conductivity Sensor #1 S/N: 205030025

	Standard	Measured	Deviation	Limit	Units	Status
UnCompensated:	1953.43	1951.70	-0.09%	+/-2.0%	kohm-cm	PASS
Compensated:	1763.93	1762.90	-0.06%	+/-2.0%	kohm-cm	PASS
Temperature:	20.86	20.87	0.01	+/-0.20	deg.C	PASS

Cell Constants: Multiplier: 0.102281 Additive: 0.000000
Temp Constants: Multiplier: 1.000000 Additive: -0.399710

Conductivity Sensor #2 S/N: 205030026

	Standard	Measured	Deviation	Limit	Units	Status
UnCompensated:	1953.43	1954.27	0.04%	+/-2.0%	kohm-cm	PASS
Compensated:	1763.93	1764.40	0.03%	+/-2.0%	kohm-cm	PASS
Temperature:	20.86	20.86	-0.01	+/-0.20	deg.C	PASS

Cell Constants: Multiplier: 0.109022 Additive: 0.000000
Temp Constants: Multiplier: 1.000000 Additive: -0.247200

Flow Sensor S/N: 205030027

	Standard	Measured	Deviation	Limit	Units	Status
Flow:	19.98	19.60	-0.38	+/-0.6	mL/min	PASS

Flow Constants: Multiplier: 1.319076 Additive: 6.711248

HiPot Test: PASS