

Customer: ROMAN MELNYK TEST ACCOUNT
35 VANTAGE POINT DRIVE
ROCHESTER, NY 14624

PO Number: Test PO

Certificate/SO Number: 23-J5V1M-20-1 Revision 1

Manufacturer: Oakton Instruments
Model Number: CON 6+ (35604-00)
Description: Conductivity Meter
Serial Number: ABC123
ID: 12345

As-Found: Out Of Tolerance
As-Left: In Tolerance

Issue Date: Apr 02, 2021
Calibration Date: Apr 02, 2021
Due Date: Apr 02, 2022

Calibrated To: Manufacturer Specification
Calibration Procedure: 1-AC70135-0

This calibration conforms to ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994, ISO 9001:2015, and ISO 10012:2003. When specified contractually, the requirements of ISO TS16949:2009, 10CFR21, 10CFR50 App. B, ASME NQA-1:2012, and ANSI/NCSL Z540.3-2006 (R2013) are also covered. Standards are traceable to the SI either through the National Institute of Standards & Technology (NIST), the National Research Council of Canada (NRC), other national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Arrangement, natural physical constants, intrinsic standards, or ratio type measurements. The results of this report relate only to the item calibrated or tested. Reported data is valid at the time of calibration at the environmental conditions noted. This certificate shall not be reproduced except in full, without the written consent of Transcat Inc.

Notes:

The OOT readings were verified.

Calibrated At:

3251 Lewiston Street #12
Aurora, CO 80011

Facility Responsible:

3251 Lewiston Street #12
Aurora, CO 80011
800-828-1470

Calibrated By:

Electronically Signed By:
Steve Rollins

Steve Rollins

Calibration Technician

Apr 02, 2021

14:30:24 -04:00

Reviewed By:

Electronically Signed By:
Jared Payne for

Ryan Gohl

Lab Manager

Apr 02, 2021

15:47:54 -05:00

Unit Barcode:



0900B327634

Date Received: November 26, 2019

Service Level: R6

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As Found Data

Description	Setpoints	Accuracy	Low Limit	High Limit	As Found	O O T	TUR
Temperature Measure (Sim)							
Temperature Measure	30kOhm	±(0.5 °C)	24.5	25.5	25.2 °C		
Conductivity Measure							
20 uS Range	100kOhm	±(1% FS)	9.80	10.20	10.22 µS	*	3.9 : 1
200 uS Range	10kOhm	±(1% FS)	98.0	102.0	102.3 µS	*	100.0 : 1
2000 uS Range	1kOhm	±(1% FS)	980	1020	1023 µS	*	100.0 : 1
20 mS Range	100Ohm	±(1% FS)	9.80	10.20	10.24 mS	*	15.4 : 1
200 mS Range	100.0mS	±(1% FS)	98.0	102.0	102.3 mS	*	100.0 : 1
Function Check - Probe Test							
Probe Test			P	P	P		

As Left Data

Description	Setpoints	Accuracy	Low Limit	High Limit	As Left	O O T	TUR
Temperature Measure (Sim)							
Temperature Measure	30kOhm	±(0.5 °C)	24.5	25.5	25.3 °C		
Conductivity Measure							
20 uS Range	100kOhm	±(1% FS)	9.80	10.20	9.99 µS		3.9 : 1
200 uS Range	10kOhm	±(1% FS)	98.0	102.0	99.9 µS		100.0 : 1
2000 uS Range	1kOhm	±(1% FS)	980	1020	1001 µS		100.0 : 1
20 mS Range	100Ohm	±(1% FS)	9.80	10.20	10.02 mS		15.4 : 1
200 mS Range	100.0mS	±(1% FS)	98.0	102.0	100.1 mS		100.0 : 1
Function Check - Probe Test							
Probe Test			P	P	P		

Field not applicable.

CALIBRATED BY **TRANSCAT** CERTIFICATE OF CALIBRATION

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Traceable Standards

Asset	Manufacturer	Model Number	Description	Cal Date	Due Date	Traceability Number	Use
144000	AccuMac Corporation	AM1760-12-S	Secondary SPRT	12-Apr-19	30-Apr-20	15-&144000-11-1	AF/AL
196000	Cole-Parmer	EW-35653-11	Conductivity Solution	21-Mar-19	1-May-21	23-&196000-3-1	AF/AL
377000	General Radio	1433-F	Decade Box, Resistance	29-Jan-19	31-Jan-20	23-&377000-2-1	AF/AL
55XX009	Fluke Corporation	5522A-SC1100	Multifunction Calibrator w/Scope Option	25-Jul-19	7-Aug-20	5-&55XX009-1-1	AF/AL
EXC-65173	Fluke	1575A	Super Thermometer	22-Feb-19	31-May-20	5-&EXC-65173-5-1	AF/AL

The use of the standard is defined as: AF - used for as-found readings, AL - used for as-left readings.

Environmental Data

Temperature	Relative Humidity	Temp / RH Asset
70.85°F /21.58°C	35.10%	113900