

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001715, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001715</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>OSCEOLA COUNTY S.O.</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>02/01/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:04</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ($k=3$).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.
This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

02/01/2021

Date

David E Reyes-Rivera

DAVID E REYES-RIVERA,
Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA COUNTY S.O.
Time of Inspection: 14:04

Date of Inspection: 02/01/2021

Serial Number: 80-001715
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG003005 Exp: 01/30/2022
0.000	0.048	0.077	0.195	0.080
0.000	0.049	0.078	0.197	0.080
0.000	0.049	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.081
0.000	0.049	0.078	0.197	0.080
0.000	0.049	0.078	0.196	0.081
0.000	0.049	0.078	0.196	0.081
0.000	0.049	0.079	0.195	0.081
0.000	0.050	0.079	0.195	0.080
0.000	0.049	0.079	0.196	0.081

Standard Deviations	0.0005	0.0006	0.0008	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0006 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

David E Reyes-Rivera DAVID E REYES-RIVERA
Signature and Printed Name

02/01/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001715	Osceola County Sheriff's Office	2/1/2021	DERR <i>[Signature]</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ☒	0.077 to 0.083 ☒	0.194 to 0.206 ☒	0.077 to 0.083 ☒
OSCEOLA COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:39 Control Test 0.048 11:40 Air Blank 0.000 11:41 Control Test 0.049 11:41 Air Blank 0.000 11:42 Control Test 0.048 11:42 Air Blank 0.000 11:43 Control Test Stats Average 0.0483 Std Dev 0.0006 Rel Std Dev(%) 1.1945 <i>[Signature]</i> Operator's Signature	OSCEOLA COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:46 Control Test 0.078 11:46 Air Blank 0.000 11:47 Control Test 0.078 11:48 Air Blank 0.000 11:49 Control Test 0.078 11:49 Air Blank 0.000 11:49 Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000 <i>[Signature]</i> Operator's Signature	OSCEOLA COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:52 Control Test 0.195 11:53 Air Blank 0.000 11:54 Control Test 0.195 11:54 Air Blank 0.000 11:55 Control Test 0.195 11:56 Air Blank 0.000 11:56 Control Test Stats Average 0.1950 Std Dev 0.0000 Rel Std Dev(%) 0.0000 <i>[Signature]</i> Operator's Signature	OSCEOLA COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2021 Software: 8100.27 Test g/210L Time Air Blank 0.000 11:58 Control Test 0.080 11:59 Air Blank 0.000 11:59 Control Test 0.081 12:00 Air Blank 0.000 12:00 Control Test 0.080 12:00 Air Blank 0.000 12:01 Control Test Stats Average 0.0803 Std Dev 0.0006 Rel Std Dev(%) 0.7187 <i>[Signature]</i> Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA COUNTY S.O.

Time of Inspection: 08:44

Date of Inspection: 02/01/2021

Serial Number: 80-001715

Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:

AI BYPASSED. COMPLIANCE NOT DETERMINED. *AI Not Conducted! DGR 02/01/2021*

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

David E Reyes-Rivera DAVID E REYES-RIVERA
Signature and Printed Name

02/01/2021
Date



INSTRUMENT PROCESSING SHEET

Agency Osceola County Sheriff's Office

S/N 80-001715

Florida Department of
Law Enforcement

Date In 12/6/2021 DI Completion Date 12/7/2021

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake By <u>IS</u> ☒ Annual ☐ Registration ☒ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☐ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	Quality Checks By <u>IS</u> Date <u>12-7-2021</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>225</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>MP5088</td> <td>202010A 10-05-2022</td> </tr> <tr> <td>0.080</td> <td>MP5089</td> <td>202010B 10-05-2022</td> </tr> <tr> <td>0.200</td> <td>MP5090</td> <td>202010D 10-06-2022</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG113403 05-14-2023</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP5088	202010A 10-05-2022	0.080	MP5089	202010B 10-05-2022	0.200	MP5090	202010D 10-06-2022	0.080 DGS	N/A	AG113403 05-14-2023	Flow Calibration By _____ Date _____ Flow Column # _____ ☐ 5L/min – 17mm ☐ 15L/min – 53mm ☐ 30L/min – 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547) Maintenance By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ DI Temp. Checks By <u>IS</u> ☒ Lab Temp °C <u>21.05</u> External Digital Therm. ID#: <u>381189</u> ☒ 34°C +/-2 Serial #: <u>MP5088</u> ☒ 34°C +/-2 Serial #: <u>MP5089</u> ☒ 34°C +/-2 Serial #: <u>MP5090</u>																																												
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Notes/Suggested Service: <u>Stability Checks not nominal, performed Optical Bench Calibration Adjust. Post-stability checks nominal. IS 12-7-2021</u> _____ _____ _____ _____ _____ _____ _____	Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____ ☒ Instrument Complies with Chapter 11D-8, FAC ☐ Instrument Does Not Comply with Chapter 11D-8, FAC ☒ Return to/Place into Evidentiary Use ☐ Remain Out of Evidentiary Use ☒ Conduct an Agency Inspection Before Evidentiary Use David Eliezer Reyes-Rivera Digitally signed by David Eliezer Reyes-Rivera Date: 2021.12.07 15:52:27 +05'00' 2021.12.09 12:35:33 -05'00' Tech Review / Date _____ Admin Review / Date _____																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA COUNTY S.O.

Time of Inspection: 14:23

Date of Inspection: 12/07/2021

Serial Number: 80-001715

Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG113403 Exp: 05/14/2023
0.000	0.050	0.081	0.204	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.082	0.203	0.080
0.000	0.050	0.080	0.203	0.079
0.000	0.051	0.080	0.199	0.079
0.000	0.050	0.082	0.203	0.079
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0.000	0.051	0.081	0.200	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.051	0.081	0.200	0.079

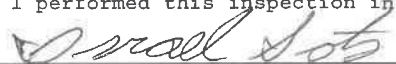
Standard Deviations	0.0004	0.0008	0.0021	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0009 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



Signature and Printed Name

ISRAEL SOTO

12/07/2021
Date

Stability Checks

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001715
12/07/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:08
Control Test	0.048	09:09
Air Blank	0.000	09:09
Control Test	0.047	09:10
Air Blank	0.000	09:11
Control Test	0.047	09:11
Air Blank	0.000	09:12
Control Test Stats		
Average	0.0473	
Std Dev	0.0006	
Rel Std Dev(%)	1.2198	

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001715
12/07/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:13
Control Test	0.076	09:14
Air Blank	0.000	09:14
Control Test	0.076	09:15
Air Blank	0.000	09:15
Control Test	0.076	09:16
Air Blank	0.000	09:17
Control Test Stats		
Average	0.0760	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001715
12/07/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:18
Control Test	0.193	09:18
Air Blank	0.000	09:19
Control Test	0.193	09:20
Air Blank	0.000	09:20
Control Test	0.193	09:21
Air Blank	0.000	09:21
Control Test Stats		
Average	0.1930	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-001715
12/07/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:23
Control Test	0.080	09:23
Air Blank	0.000	09:24
Control Test	0.080	09:24
Air Blank	0.000	09:25
Control Test	0.081	09:25
Air Blank	0.000	09:26
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

Dry

Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001715, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001715</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>OSCEOLA COUNTY S.O.</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>12/07/2021</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>14:23</u>	0.200 g/ 210 L 0.007
		0.080 g/ 210 L Dry Gas Control 0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.

*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ($k=3$).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

Israel Soto
Soto
Digitally signed by Israel Soto
Date: 2021.12.07 15:13:08
-05'00'

12/07/2021

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Optical bench cal. adjust



OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001715
12/07/2021 11:28:45

Auto Calibration
Max Power Res Value = 42
Auto Range Res Value = 24

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12669, 9um Io = 13445
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1440 (-0.0130)
Sample #2 = 0.1370 (0.0120)
Sample #3 = 0.1390 (0.0280)
Sample #4 = 0.1230 (0.0470)
Avg % Abs = 0.1330 (0.0290)
STD DEV = 0.0087 (0.0175)
REL STD DEV = 6.555 (60.419)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1430 (-0.0200)
Sample #2 = 0.1370 (-0.0090)
Sample #3 = 0.1170 (0.0020)
Sample #4 = 0.1180 (0.0010)
Avg % Abs = 0.1240 (-0.0020)
STD DEV = 0.0113 (0.0061)
REL STD DEV = 9.088 (304.138)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12662, 9um Io = 13442
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8690 (-0.0170)
Sample #2 = 0.8540 (0.0140)
Sample #3 = 0.8460 (0.0060)
Sample #4 = 0.8540 (0.0140)
Avg % Abs = 0.8513 (0.0113)
STD DEV = 0.0046 (0.0046)
REL STD DEV = 0.543 (40.754)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5730 (0.0060)
Sample #2 = 1.5430 (0.0040)
Sample #3 = 1.5280 (0.0040)
Sample #4 = 1.5620 (0.0020)
Avg % Abs = 1.5443 (0.0033)
STD DEV = 0.0170 (0.0012)
REL STD DEV = 1.103 (34.641)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12658, 9um Io = 13441
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.8740 (-0.0160)
Sample #2 = 1.8720 (0.0160)
Sample #3 = 1.8660 (0.0080)
Sample #4 = 1.8680 (0.0120)
Avg % Abs = 1.8687 (0.0120)
STD DEV = 0.0031 (0.0040)
REL STD DEV = 0.163 (33.333)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5660 (-0.0230)
Sample #2 = 3.5340 (0.0040)
Sample #3 = 3.5390 (0.0020)
Sample #4 = 3.5500 (-0.0090)
Avg % Abs = 3.5410 (-0.0010)
STD DEV = 0.0082 (0.0070)
REL STD DEV = 0.231 (700.000)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12656, 9um Io = 13442
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5550 (-0.0140)
Sample #2 = 3.5540 (0.0250)
Sample #3 = 3.5390 (0.0160)
Sample #4 = 3.5550 (0.0320)
Avg % Abs = 3.5493 (0.0243)
STD DEV = 0.0090 (0.0080)
REL STD DEV = 0.253 (32.962)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.7510 (-0.0070)
Sample #2 = 6.7600 (0.0020)
Sample #3 = 6.7450 (0.0020)
Sample #4 = 6.7590 (0.0280)
Avg % Abs = 6.7547 (0.0107)
STD DEV = 0.0084 (0.0150)
REL STD DEV = 0.124 (140.729)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 12654, 9um Io = 13438
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.3860 (-0.0210)
Sample #2 = 5.3430 (0.0140)
Sample #3 = 5.2420 (0.0130)
Sample #4 = 5.3380 (0.0140)
Avg % Abs = 5.3077 (0.0137)
STD DEV = 0.0569 (0.0006)
REL STD DEV = 1.072 (4.225)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 10.1590 (-0.0050)
Sample #2 = 10.1000 (0.0170)
Sample #3 = 9.9010 (0.0200)
Sample #4 = 10.0710 (0.0240)
Avg % Abs = 10.0240 (0.0203)
STD DEV = 0.1075 (0.0035)
REL STD DEV = 1.072 (17.272)

***** AUTO CAL DATA *****
<<<< CHANNEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.133
Std Dev = 0.01 Rel Std Dev = 6.55
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.851
Std Dev = 0.00 Rel Std Dev = 0.54
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.869
Std Dev = 0.00 Rel Std Dev = 0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.549
Std Dev = 0.01 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.308
Std Dev = 0.06 Rel Std Dev = 1.07
Zero Order Coef = -421.48
First Order Coef = 2801.70
Second Order Coef = -4.98
Standard Deviation = 53.069809

<<<< CHANNEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.124
Std Dev = 0.01 Rel Std Dev = 9.09
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.544
Std Dev = 0.02 Rel Std Dev = 1.10
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.541
Std Dev = 0.01 Rel Std Dev = 0.23
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.755
Std Dev = 0.01 Rel Std Dev = 0.12
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.024
Std Dev = 0.11 Rel Std Dev = 1.07
Zero Order Coef = -218.06
First Order Coef = 1398.66
Second Order Coef = 5.04
Standard Deviation = 50.902618

Post-Stability Checks

Optical Bench Cal. Adj.

OSCEOLA COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001715
12/07/2021
Software: 8100.27

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Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0010
0.040	0.041	-0.0012
0.100	0.101	-0.0007
0.200	0.199	0.0013
0.300	0.300	-0.0005

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0009
0.040	0.041	-0.0010
0.100	0.101	-0.0008
0.200	0.199	0.0014
0.300	0.300	-0.0005

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

***** CHANNEL 1
Sample #1 = 3188.00
Sample #2 = 3158.00
Sample #3 = 3250.00
Sample #4 = 3201.00
Average Result = 3203.0000
STD DEV = 46.0326
REL STD DEV = 1.437

***** CHANNEL 2
Sample #1 = 3580.00
Sample #2 = 3558.00
Sample #3 = 3567.00
Sample #4 = 3586.00
Average Result = 3570.3333
STD DEV = 14.2945
REL STD DEV = 0.400

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 606
9 um H2O Adjust (mg/l*10,000) = 239
**** AUTO CAL PASS

Test	g/210L	Time
Air Blank	0.000	12:27
Control Test	0.050	12:28
Air Blank	0.000	12:28
Control Test	0.049	12:29
Air Blank	0.000	12:29
Control Test	0.050	12:30
Air Blank	0.000	12:31
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

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Test	g/210L	Time
Air Blank	0.000	12:36
Control Test	0.202	12:37
Air Blank	0.000	12:37
Control Test	0.197	12:38
Air Blank	0.000	12:38
Control Test	0.197	12:39
Air Blank	0.000	12:40
Control Test Stats		
Average	0.1987	
Std Dev	0.0029	
Rel Std Dev(%)	1.4531	

Operator's Signature

Test	g/210L	Time
Air Blank	0.000	12:31
Control Test	0.081	12:32
Air Blank	0.000	12:33
Control Test	0.083	12:33
Air Blank	0.000	12:34
Control Test	0.082	12:35
Air Blank	0.000	12:35
Control Test Stats		
Average	0.0820	
Std Dev	0.0010	
Rel Std Dev(%)	1.2195	

Operator's Signature

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Test	g/210L	Time
Air Blank	0.000	12:41
Control Test	0.080	12:41
Air Blank	0.000	12:42
Control Test	0.080	12:42
Air Blank	0.000	12:43
Control Test	0.081	12:43
Air Blank	0.000	12:43
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

Operator's Signature

wet

Dry