



INSTRUMENT PROCESSING SHEET

Agency TALLAHASSEE POLICE DEPARTMENT

S/N 80-000949

Florida Department of
Law Enforcement

Date In 3-8-2022

DI Completion Date 05-13-2022

☐ 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: <u>Dry gas hose was too short, had a kink</u>	Quality Checks By <u>IS</u> Date <u>04-21-2022</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>244</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-102</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>0.500</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> <tr> <td>0.050</td> <td>MP6291</td> <td>202201C 01-11-2024</td> </tr> <tr> <td>0.080</td> <td>MP6292</td> <td>202201D 01-18-2024</td> </tr> <tr> <td>0.200</td> <td>MP6293</td> <td>202201E 01-18-2024</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG113403 05-14-2023</td> </tr> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP6291	202201C 01-11-2024	0.080	MP6292	202201D 01-18-2024	0.200	MP6293	202201E 01-18-2024	0.080 DGS	N/A	AG113403 05-14-2023	Flow Calibration By <u>IS</u> Date <u>04-21-2022</u> Flow Column # <u>ATP-102</u> ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value <u>244</u> ☐ Post Calibration Verification (L/s) Flow Column # <u>ATP-102</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>0.500</u> (.447 - .547)																																													
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Notes/Suggested Service: <u>Dry gas hose was replaced prior to Quality Checks and Department Inspection. Instrument read 0.000 on Dry Gas Stability Check, regulator did not sound like it was releasing gas. Attached different regulator with new longer hose and dry gas Stability Checks were nominal. Dry gas regulator repaired by CMI. Performed dry gas stabilities, after regulator repair, values nominal. IS</u> Admin Review: Added comment to Stability Checks. IS 05-17-2022		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: 2022.05.16 14:46:25 -0400 Tech Review / Date <u>04/07/2022</u> Admin Review / Date <u>05/17/2022</u>																																																												

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: TALLAHASSEE PD
Time of Inspection: 11:28

Date of Inspection: 05/13/2022

Serial Number: 80-000949
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG113403 Exp: 05/14/2023
0.000	0.049	0.079	0.202	0.079
0.000	0.049	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.078
0.000	0.049	0.079	0.201	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.050	0.080	0.202	0.078
0.000	0.050	0.080	0.202	0.079
0.000	0.051	0.080	0.202	0.079
0.000	0.050	0.079	0.202	0.078

Standard Deviations	0.0006	0.0004	0.0003	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

05/13/2022
Date

Stability checks

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
04/21/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:24
Control Test	0.050	08:25
Air Blank	0.000	08:25
Control Test	0.049	08:26
Air Blank	0.000	08:26
Control Test	0.049	08:27
Air Blank	0.000	08:28
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Operator's Signature

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
04/21/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:29
Control Test	0.079	08:30
Air Blank	0.000	08:30
Control Test	0.079	08:31
Air Blank	0.000	08:31
Control Test	0.079	08:32
Air Blank	0.000	08:33
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
04/21/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:34
Control Test	0.202	08:35
Air Blank	0.000	08:35
Control Test	0.201	08:36
Air Blank	0.000	08:36
Control Test	0.200	08:37
Air Blank	0.000	08:38
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	

Operator's Signature

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
04/21/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:40
Control Test	0.000	08:40
Air Blank	0.000	08:41
Control Test	0.000	08:41
Air Blank	0.000	08:42
Control Test	0.000	08:42
Air Blank	0.000	08:42
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
04/21/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:46
Control Test	0.000	08:46
Air Blank	0.000	08:47
Control Test	0.000	08:47
Air Blank	0.000	08:48
Control Test	0.000	08:48
Air Blank	0.000	08:48
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
04/21/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:59
Control Test	0.080	08:59
Air Blank	0.000	08:59
Control Test	0.079	09:00
Air Blank	0.000	09:00
Control Test	0.079	09:00
Air Blank	0.000	09:01
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Dry

switched regulator,
used new hose

Operator's Signature

Regulator was not
releasing gas

Stability Checks Continued

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 80-000949
05/13/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:19
Control Test	0.079	08:19
Air Blank	0.000	08:20
Control Test	0.078	08:20
Air Blank	0.000	08:20
Control Test	0.079	08:21
Air Blank	0.000	08:21
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Dry



Operator's Signature

Dry gas stability
after regulator
was repaired

Admin Review: Dry gas regulator was sent to
and repaired by CMI. After regulator was returned
it was placed back on the instrument.
IS 05-17-2022



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000949, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000949</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>TALLAHASSEE PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/13/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:28</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
Date: 2022.05.13
11:51:33 -04'00'

05/13/2022

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: TALLAHASSEE PD
Time of Inspection: 07:58

Date of Inspection: 04/21/2022

Serial Number: 80-000949
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:

BYPASSED AI TO OPERATE INSTRUMENT

N/A Compliance not determined

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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

04/21/2022
Date



INSTRUMENT PROCESSING SHEET

Agency Tallahassee Police Department

S/N 80-000949

Florida Department of
Law Enforcement

Date In 11-30-2022 DI Completion Date 12-01-2022

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date 11-30-2022	Flow Calibration	By	Date																														
☒ 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: Instrument failed 0.080 g/210L Alcohol Reference Solution test during November Agency Inspection.		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value 228 ☒ Flow Verification (L/s) Flow Column # ATP-105 32 mm 0.164 (.139 - .169) 36 mm 0.179 (.156 - .190) 53 mm 0.250 (.228 - .278) 103 mm 0.515 (.447 - .547) ☒ Barometric Pressure Check Gauge ID # 28427 ☒ Stability Checks			☐ 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)																																
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Notes/Suggested Service: Performed Optical Bench Calibration Adjustment due to failed Agency Inspection. Dry Gas test was repeated during the adjustment, ensured dry gas tank was secured and inlet port was connected properly. Adjustment was successful. IS				☒ 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																																	
				Taylor Gutschow Tech Review / Date			Digitally signed by Taylor Gutschow Date: 2022.12.02 11:24:40 -05'00' Admin Review / Date																														

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: TALLAHASSEE PD
Time of Inspection: 15:53

Date of Inspection: 12/01/2022

Serial Number: 80-000949
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG113403 Exp: 05/14/2023
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.201	0.078
0.000	0.050	0.079	0.201	0.078
0.000	0.050	0.079	0.201	0.078
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.079	0.200	0.078
0.000	0.050	0.079	0.201	0.079
0.000	0.051	0.079	0.201	0.078

Standard Deviations	0.0003	0.0003	0.0005	0.0005
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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.

Israel Soto ISRAEL SOTO
Signature and Printed Name

12/01/2022
Date

Stability Checks

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
11/30/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:41
Control Test	0.049	13:42
Air Blank	0.000	13:42
Control Test	0.048	13:43
Air Blank	0.000	13:43
Control Test	0.048	13:44
Air Blank	0.000	13:45
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
11/30/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:46
Control Test	0.079	13:46
Air Blank	0.000	13:47
Control Test	0.078	13:48
Air Blank	0.000	13:48
Control Test	0.077	13:49
Air Blank	0.000	13:49
Control Test Stats		
Average	0.0780	
Std Dev	0.0010	
Rel Std Dev(%)	1.2821	

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
11/30/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:50
Control Test	0.201	13:51
Air Blank	0.000	13:51
Control Test	0.199	13:52
Air Blank	0.000	13:53
Control Test	0.199	13:53
Air Blank	0.000	13:54
Control Test Stats		
Average	0.1997	
Std Dev	0.0012	
Rel Std Dev(%)	0.5783	

wet

Operator's Signature

Operator's Signature

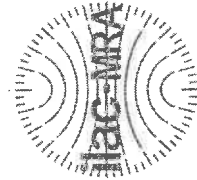
Operator's Signature

TALLAHASSEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000949
11/30/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:56
Control Test	0.079	13:56
Air Blank	0.000	13:57
Control Test	0.079	13:57
Air Blank	0.000	13:58
Control Test	0.079	13:58
Air Blank	0.000	13:58
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry

Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000949, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000949</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>TALLAHASSEE PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>12/01/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:53</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.

12/01/2022

Date

Israel Soto

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Optical Bench Calibration Adjustment

ASSEE PD
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN: 80-000949
12/01/2022 08:44:45

Auto Calibration
Max Power Res Value = 29
Auto Range Res Value = 18

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12744, Sum Io = 13479

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1510 (-0.0130)
Sample #2 = 0.1380 (-0.0210)
Sample #3 = 0.1600 (-0.0040)
Sample #4 = 0.1330 (0.0080)
Avg % Abs = 0.1437 (-0.0057)
STD DEV = 0.0144 (0.0146)
REL STD DEV = 9.998 (257.147)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1340 (0.0110)
Sample #2 = 0.1280 (-0.0080)
Sample #3 = 0.1020 (0.0180)
Sample #4 = 0.1240 (0.0090)
Avg % Abs = 0.1180 (0.0063)
STD DEV = 0.0140 (0.0132)
REL STD DEV = 11.864 (208.477)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12741, Sum Io = 13476

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8980 (-0.0270)
Sample #2 = 0.8980 (0.0120)
Sample #3 = 0.8810 (0.0290)
Sample #4 = 0.8770 (0.0380)
Avg % Abs = 0.8853 (0.0263)
STD DEV = 0.0112 (0.0132)
REL STD DEV = 1.259 (50.140)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.6200 (-0.0250)
Sample #2 = 1.5990 (0.0000)
Sample #3 = 1.5950 (0.0000)
Sample #4 = 1.5760 (0.0120)
Avg % Abs = 1.5900 (0.0040)
STD DEV = 0.0123 (0.0069)
REL STD DEV = 0.773 (173.205)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12737, Sum Io = 13473

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9890 (-0.0270)
Sample #2 = 1.9940 (0.0020)
Sample #3 = 1.9830 (-0.0130)
Sample #4 = 1.9870 (-0.0090)
Avg % Abs = 1.9880 (-0.0057)
STD DEV = 0.0056 (0.0078)
REL STD DEV = 0.280 (116.512)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7190 (-0.0190)
Sample #2 = 3.7010 (0.0100)
Sample #3 = 3.6810 (0.0000)
Sample #4 = 3.7000 (-0.0070)
Avg % Abs = 3.6940 (0.0010)
STD DEV = 0.0113 (0.0085)
REL STD DEV = 0.305 (854.401)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12737, Sum Io = 13476

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7780 (-0.0180)
Sample #2 = 3.7690 (0.0380)
Sample #3 = 3.7690 (0.0150)
Sample #4 = 3.7550 (0.0520)
Avg % Abs = 3.7643 (0.0350)
STD DEV = 0.0081 (0.0187)
REL STD DEV = 0.215 (53.376)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 7.0640 (0.0070)
Sample #2 = 7.0400 (0.0610)
Sample #3 = 7.0340 (0.0450)
Sample #4 = 7.0490 (0.0520)
Avg % Abs = 7.0410 (0.0527)
STD DEV = 0.0075 (0.0080)
REL STD DEV = 0.107 (15.229)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12734, Sum Io = 13472

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.5040 (-0.0030)
Sample #2 = 5.4410 (0.0340)
Sample #3 = 5.4650 (0.0390)
Sample #4 = 5.4710 (0.0410)
Avg % Abs = 5.4590 (0.0380)
STD DEV = 0.0159 (0.0036)
REL STD DEV = 0.291 (9.488)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 10.2590 (0.0050)
Sample #2 = 10.2170 (0.0560)
Sample #3 = 10.2100 (0.0700)
Sample #4 = 10.2100 (0.0700)
Avg % Abs = 10.2123 (0.0653)
STD DEV = 0.0040 (0.0081)
REL STD DEV = 0.040 (12.372)

***** AUTO CAL DATA *****

<<<< CHANNEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.144
Std Dev = 0.01 Rel Std Dev = 10.00
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.885
Std Dev = 0.01 Rel Std Dev = 1.26
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.988
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.764
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.459
Std Dev = 0.02 Rel Std Dev = 0.29
Zero Order Coef = -351.02
First Order Coef = 2506.13
Second Order Coef = 31.91
Standard Deviation = 10.114135

<<<< CHANNEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.118
Std Dev = 0.01 Rel Std Dev = 11.86
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.590
Std Dev = 0.01 Rel Std Dev = 0.77
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.694
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.041
Std Dev = 0.01 Rel Std Dev = 0.11
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.212
Std Dev = 0.00 Rel Std Dev = 0.04
Zero Order Coef = -159.16
First Order Coef = 1285.02
Second Order Coef = 12.69
Standard Deviation = 7.446882

Optical Bench Calibration Adjustment

Post stability checks

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0003
0.100	0.100	0.0001
0.200	0.200	-0.0002
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.040	-0.0002
0.100	0.100	0.0000
0.200	0.200	0.0001
0.300	0.300	-0.0000

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1
 Sample #1 = 2931.00
 Sample #2 = -327.00
 Sample #3 = 2931.00
 Sample #4 = 2873.00
 Average Result = 1825.6666
 STD DEV = 1864.4895
 REL STD DEV = 102.127

 ***** CHANNEL 2
 Sample #1 = 3371.00
 Sample #2 = -100.00
 Sample #3 = 3384.00
 Sample #4 = 3338.00
 Average Result = 2207.3333
 STD DEV = 1998.3417
 REL STD DEV = 90.532

 Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1
 Sample #1 = 2928.00
 Sample #2 = 3022.00
 Sample #3 = 3025.00
 Sample #4 = 2869.00
 Average Result = 2972.0000
 STD DEV = 89.2132
 REL STD DEV = 3.002

 ***** CHANNEL 2
 Sample #1 = 3390.00
 Sample #2 = 3393.00
 Sample #3 = 3407.00
 Sample #4 = 3374.00
 Average Result = 3391.3333
 STD DEV = 16.5630
 REL STD DEV = 0.488

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1026
 3 um H2O Adjust (mg/l*10,000) = 837
 9 um H2O Adjust (mg/l*10,000) = 418
 **** AUTO CAL PASS

TALLAHASSEE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000949
 12/01/2022
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:16
Control Test	0.049	11:17
Air Blank	0.000	11:17
Control Test	0.049	11:18
Air Blank	0.000	11:18
Control Test	0.049	11:19
Air Blank	0.000	11:20
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

TALLAHASSEE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000949
 12/01/2022
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:27
Control Test	0.201	11:28
Air Blank	0.000	11:28
Control Test	0.200	11:29
Air Blank	0.000	11:29
Control Test	0.200	11:30
Air Blank	0.000	11:30
Control Test Stats		
Average	0.2003	
Std Dev	0.0006	
Rel Std Dev(%)	0.2882	

Operator's Signature

TALLAHASSEE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000949
 12/01/2022
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.079	11:22
Air Blank	0.000	11:23
Control Test	0.080	11:23
Air Blank	0.000	11:24
Control Test	0.080	11:25
Air Blank	0.000	11:25
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

TALLAHASSEE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000949
 12/01/2022
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:32
Control Test	0.079	11:32
Air Blank	0.000	11:32
Control Test	0.080	11:33
Air Blank	0.000	11:33
Control Test	0.080	11:33
Air Blank	0.000	11:34
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

wet

Dry