



## INSTRUMENT PROCESSING SHEET

Agency New Smyrna Beach PDS/N 80-002231Florida Department of  
Law EnforcementDate In 08/21/2018 DI Completion Date 8/28/18☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

<b>Intake</b> Performed By <u>SQC</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____	<b>Quality Checks</b> Performed By <u>PGM</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>234</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>.152</u> (.139 - .169) 36 mm <u>.164</u> (.156 - .190) 53 mm <u>.238</u> (.228 - .278) 103 mm <u>.486</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> <tr> <td>0.050</td> <td><u>SD1021</u></td> <td><u>2017070</u> <u>7/25/19</u></td> </tr> <tr> <td>0.080</td> <td><u>DR1275</u></td> <td><u>201707E</u> <u>7/25/19</u></td> </tr> <tr> <td>0.200</td> <td><u>SD1013</u></td> <td><u>201707C</u> <u>7/24/19</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG805701</u> <u>2/26/20</u></td> </tr> </table>	Simulator	Serial #	Lot #/Exp	0.050	<u>SD1021</u>	<u>2017070</u> <u>7/25/19</u>	0.080	<u>DR1275</u>	<u>201707E</u> <u>7/25/19</u>	0.200	<u>SD1013</u>	<u>201707C</u> <u>7/24/19</u>	0.080 DGS	N/A	<u>AG805701</u> <u>2/26/20</u>	<b>Flow Calibration</b> Performed By _____ Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547) <b>Maintenance</b> Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ <b>Temperature Checks</b> Performed By <u>PGM</u> <input checked="" type="checkbox"/> Lab Temp °C <u>21.3</u> External Digital Therm. ID#: <u>300503</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1021</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>DR1275</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1013</u>																																	
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# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NEW SMYRNA BEACH PD  
Time of Inspection: 11:57

Date of Inspection: 08/28/2018

Serial Number: 80-002231  
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.047	0.078	0.197	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079

Standard Deviations	0.0003	0.0003	0.0003	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

*12*

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.

*Patrick J Murphy*

PATRICK J MURPHY

Signature and Printed Name

08/28/2018  
Date

*8/29/18 JD*



NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
08/28/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.048	08:21
Air Blank	0.000	08:22
Control Test	0.048	08:22
Air Blank	0.000	08:23
Control Test	0.048	08:24
Air Blank	0.000	08:24
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

*P Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
08/28/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:10
Control Test	0.079	08:11
Air Blank	0.000	08:12
Control Test	0.079	08:12
Air Blank	0.000	08:13
Control Test	0.080	08:14
Air Blank	0.000	08:14
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

*P Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
08/28/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:05
Control Test	0.197	08:06
Air Blank	0.000	08:06
Control Test	0.197	08:07
Air Blank	0.000	08:07
Control Test	0.198	08:08
Air Blank	0.000	08:09
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

*P Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
08/28/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:36
Control Test	0.079	08:37
Air Blank	0.000	08:37
Control Test	0.079	08:38
Air Blank	0.000	08:38
Control Test	0.080	08:38
Air Blank	0.000	08:39
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

*P Murphy*  
Operator's Signature

8/29/18  
JL



# 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 80-002231, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-002231</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>NEW SMYRNA BEACH PD</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>08/28/2018</u>	0.080 g/ 210 L 0.005
Calibration Time:	<u>11:57</u>	0.200 g/ 210 L 0.008
		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  $\pm 0.005$  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 ( $k=3$ ).

## 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.

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

08/28/2018

Date

Patrick J Murphy  
PATRICK J MURPHY,  
Department Inspector

Service • Integrity • Respect • Quality

8/29/18  
JD





# INSTRUMENT PROCESSING SHEET

Florida Department of  
Law Enforcement

Agency New Smyrna Beach PD

S/N 80-002231

Date In 05/03/2018 DI Completion Date 5/18/18

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

<b>Intake</b> Performed By <u>JO</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>See note w/ Instrument.</u>		<b>Quality Checks</b> Performed By <u>PGM</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>1009 99m 236</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>.140</u> (.139 - .169) 36 mm <u>.156</u> (.156 - .190) 53 mm <u>.234</u> (.228 - .278) 103 mm <u>.503</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks		<b>Flow Calibration</b> Performed By _____ Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> 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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# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NEW SMYRNA BEACH PD  
Time of Inspection: 12:53

Date of Inspection: 05/18/2018

Serial Number: 80-002231  
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805702 Exp: 02/26/2020
0.000	0.050	0.082	0.203	0.079
0.000	0.051	0.083	0.203	0.078
0.000	0.051	0.083	0.203	0.079
0.000	0.050	0.083	0.204	0.078
0.000	0.051	0.083	0.204	0.079
0.000	0.051	0.083	0.204	0.079
0.000	0.050	0.083	0.204	0.079
0.000	0.051	0.083	0.204	0.079
0.000	0.051	0.083	0.203	0.079
0.000	0.050	0.083	0.203	0.079
Standard Deviations	0.0005	0.0003	0.0005	0.0004

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

Remarks:

SP

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.

*Patrick J Murphy*

PATRICK J MURPHY

Signature and Printed Name

05/18/2018  
Date

5/24/18  
JD

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/14/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:07
Control Test	0.051	10:07
Air Blank	0.000	10:08
Control Test	0.050	10:08
Air Blank	0.000	10:09
Control Test	0.051	10:10
Air Blank	0.000	10:10
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

*P Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/14/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:02
Control Test	0.081	10:03
Air Blank	0.000	10:03
Control Test	0.082	10:04
Air Blank	0.000	10:04
Control Test	0.081	10:05
Air Blank	0.000	10:06
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

*P Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/14/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.199	09:53
Air Blank	0.000	09:53
Control Test	0.200	09:54
Air Blank	0.000	09:54
Control Test	0.200	09:55
Air Blank	0.000	09:56
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

*P Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/14/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:12
Control Test	0.078	10:13
Air Blank	0.000	10:13
Control Test	0.078	10:14
Air Blank	0.000	10:14
Control Test	0.078	10:14
Air Blank	0.000	10:15
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

*P Murphy*  
Operator's Signature

SP

5/24/18  
JA



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

## Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-002231, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-002231</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>NEW SMYRNA BEACH PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/18/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>12:53</u>	0.200 g/ 210 L	0.008
		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  $\pm 0.005$  or 5%, whichever is greater, of the target alcohol concentration.  
\*Uncertainty is based on fleet-wide data and is expressed to a 99% level of confidence ( $k=3$ ).

### 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.

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FDLE/ATP Form 69 March 2018  
Issuing Authority: Alcohol Testing Program

05/18/2018

Date

*Patrick J Murphy*

PATRICK J MURPHY,  
Department Inspector

Service • Integrity • Respect • Quality

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*5/24/18*  
*JD*

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NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/17/2018 13:03:37

Auto Calibration  
Max Power Res Value = 32  
Auto Range Res Value = 22

Sol Value = 0.000 g/210L \*\*\*  
Fit value = 0.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12682, Sum Io = 14112

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.0990 (-0.0340)  
Sample #2 = 0.0790 (-0.0010)  
Sample #3 = 0.0840 (0.0180)  
Sample #4 = 0.0920 (0.0420)  
Avg % Abs = 0.0850 (0.0197)  
STD DEV = 0.0066 (0.0215)  
REL STD DEV = 7.715 (109.568)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.1020 (-0.0170)  
Sample #2 = 0.0840 (0.0000)  
Sample #3 = 0.0950 (-0.0080)  
Sample #4 = 0.1080 (-0.0050)  
Avg % Abs = 0.0957 (-0.0043)  
STD DEV = 0.0120 (0.0040)  
REL STD DEV = 12.558 (93.264)

Sol Value = 0.040 g/210L \*\*\*  
Fit value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12664, Sum Io = 14102  
Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.8140 (-0.0170)  
Sample #2 = 0.8250 (-0.0020)  
Sample #3 = 0.8250 (0.0040)  
Sample #4 = 0.8210 (0.0230)  
Avg % Abs = 0.8237 (0.0083)  
STD DEV = 0.0023 (0.0131)  
REL STD DEV = 0.280 (156.614)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.5180 (0.0030)  
Sample #2 = 1.5470 (0.0070)  
Sample #3 = 1.5400 (0.0190)  
Sample #4 = 1.5320 (0.0280)  
Avg % Abs = 1.5397 (0.0180)  
STD DEV = 0.0075 (0.0105)  
REL STD DEV = 0.487 (58.531)

Sol Value = 0.100 g/210L \*\*\*  
Fit value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12654, Sum Io = 14095

Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.8970 (-0.0090)  
Sample #2 = 1.8960 (0.0000)  
Sample #3 = 1.8930 (0.0190)  
Sample #4 = 1.9050 (0.0230)  
Avg % Abs = 1.8980 (0.0140)  
STD DEV = 0.0062 (0.0123)  
REL STD DEV = 0.329 (87.773)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.5950 (-0.0060)  
Sample #2 = 3.5980 (0.0030)  
Sample #3 = 3.6040 (0.0000)  
Sample #4 = 3.6020 (0.0040)  
Avg % Abs = 3.6013 (0.0023)  
STD DEV = 0.0031 (0.0021)  
REL STD DEV = 0.085 (89.214)

Sol Value = 0.200 g/210L \*\*\*  
Fit value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12647, Sum Io = 14092  
Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.5990 (-0.0180)  
Sample #2 = 3.5910 (0.0110)  
Sample #3 = 3.5730 (0.0260)  
Sample #4 = 3.5830 (0.0460)  
Avg % Abs = 3.5823 (0.0277)  
STD DEV = 0.0090 (0.0176)  
REL STD DEV = 0.252 (63.468)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 6.8110 (-0.0200)  
Sample #2 = 6.8100 (-0.0080)  
Sample #3 = 6.8050 (0.0140)  
Sample #4 = 6.8120 (0.0140)  
Avg % Abs = 6.8090 (0.0067)  
STD DEV = 0.0036 (0.0127)  
REL STD DEV = 0.053 (190.526)

Sol Value = 0.300 g/210L \*\*\*  
Fit value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12638, Sum Io = 14083  
Channel 1 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 5.3150 (-0.0140)  
Sample #2 = 5.3030 (0.0030)  
Sample #3 = 5.2960 (0.0210)  
Sample #4 = 5.3080 (0.0190)  
Avg % Abs = 5.3023 (0.0143)  
STD DEV = 0.0060 (0.0099)  
REL STD DEV = 0.114 (68.831)

Channel 2 Data:  
Sample % Abs (% Abs Ref)  
Sample #1 = 10.0050 (-0.0150)  
Sample #2 = 9.9830 (-0.0030)  
Sample #3 = 9.9810 (0.0060)  
Sample #4 = 9.9760 (-0.0050)  
Avg % Abs = 9.9800 (-0.0007)  
STD DEV = 0.0036 (0.0059)  
REL STD DEV = 0.036 (878.920)

AUTO CAL DATA  
Channel 1 Data:  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.085  
Std Dev = 0.01 Rel Std Dev = 7.71  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 0.824  
Std Dev = 0.00 Rel Std Dev = 0.28  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.898  
Std Dev = 0.01 Rel Std Dev = 0.33  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.582  
Std Dev = 0.01 Rel Std Dev = 0.25  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 5.302  
Std Dev = 0.01 Rel Std Dev = 0.11  
Zero Order Coef = -257.00  
First Order Coef = 2633.82  
Second Order Coef = 21.40  
Standard Deviation = 51.171547

Channel 2 Data:  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.096  
Std Dev = 0.01 Rel Std Dev = 12.56  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.540  
Std Dev = 0.01 Rel Std Dev = 0.49  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 3.601  
Std Dev = 0.00 Rel Std Dev = 0.08  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 6.809  
Std Dev = 0.00 Rel Std Dev = 0.05  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 9.980  
Std Dev = 0.00 Rel Std Dev = 0.04  
Zero Order Coef = -156.33  
First Order Coef = 1336.45  
Second Order Coef = 11.29  
Standard Deviation = 40.879948

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Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0007
0.040	0.040	-0.0005
0.100	0.101	-0.0012
0.200	0.199	0.0015
0.300	0.301	-0.0005

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0006
0.040	0.040	-0.0005
0.100	0.101	-0.0009
0.200	0.199	0.0012
0.300	0.300	-0.0004

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

\*\*\*\*\* CHANNEL 1

Sample #1 = 3218.00  
 Sample #2 = 3210.00  
 Sample #3 = 3219.00  
 Sample #4 = 3175.00  
 Average Result = 3201.3333  
 STD DEV = 23.2451  
 REL STD DEV = 0.726

\*\*\*\*\*

\*\*\*\*\* CHANNEL 2

Sample #1 = 3445.00  
 Sample #2 = 3450.00  
 Sample #3 = 3457.00  
 Sample #4 = 3456.00  
 Average Result = 3454.3333  
 STD DEV = 3.7859  
 REL STD DEV = 0.110

\*\*\*\*\*

Dry Gas H2O Adjust Results \*\*\*\*\*

Barometric Pressure = 1011

3 um H2O Adjust (mg/l\*10,000) = 608

9 um H2O Adjust (mg/l\*10,000) = 355

\*\*\*\* AUTO CAL PASS

80-002231

5/24/18  
JD

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NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/18/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:50
Control Test	0.050	09:50
Air Blank	0.000	09:51
Control Test	0.050	09:52
Air Blank	0.000	09:52
Control Test	0.050	09:53
Air Blank	0.000	09:53
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

*P. Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/18/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:44
Control Test	0.081	09:45
Air Blank	0.000	09:45
Control Test	0.082	09:46
Air Blank	0.000	09:47
Control Test	0.082	09:47
Air Blank	0.000	09:48
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

*P. Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/18/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:39
Control Test	0.199	09:40
Air Blank	0.000	09:41
Control Test	0.200	09:41
Air Blank	0.000	09:42
Control Test	0.202	09:43
Air Blank	0.000	09:43
Control Test Stats		
Average	0.2003	
Std Dev	0.0015	
Rel Std Dev(%)	0.7625	

*P. Murphy*  
Operator's Signature

NEW SMYRNA BEACH PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-002231  
05/18/2018  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:00
Control Test	0.080	10:00
Air Blank	0.000	10:00
Control Test	0.079	10:01
Air Blank	0.000	10:01
Control Test	0.079	10:01
Air Blank	0.000	10:02
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

OGS

*P. Murphy*  
Operator's Signature

Post Stabilities

SP

stabilized  
02