FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency FHP Orlando S/N 80-006628

Date In 06/12/2020 DI Completion Date 6/28/20 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By RAW

- ☑ 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: See note attached. Printer cover missing, breath tube holder bent, and case severely scratched.

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.07.02 15:30:39 -04'00'

Quality Checks Performed By DS

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 207
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

- 32 mm 0.164 (.139 - .169)
- 36 mm 0.183 (.156 - .190)
- 53 mm 0.250 (.228 - .278)
- 103 mm 0.507 (.447 - .547)

☒ Barometric Pressure Check

Gauge ID # 28427

☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A 05-14-2021
0.080	MP5089	201905B 05-14-2021
0.200	MP5090	201904D 04-30-2021
0.080 DGS	N/A	AG931603 11-12-2021

Flow Calibration Performed By

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 Performed By

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

Temperature Checks Performed By SP

- ☒ Lab Temp °C 22.4
- External Digital Therm. ID#: 300505
- ☒ 34°C +-.2 Serial #: MP5088
- ☒ 34°C +-.2 Serial #: MP5089
- ☒ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By

Barometric Pressure Gauge ID #

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By SP

Barometric Pressure ID# 26932

Gauge 1014 Instrument 1014

Mouth Alcohol Solution Lot # 2019-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

- ☑ Form 41
- ☒ Stability Checks
- ☒ Calibration Certificate
- ☐ Calibration Adjustment
- ☐ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ Other

Notes/Suggested Service:

- ☒ **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**

Michael D Hughey 2020.07.02 12:42:03 -04'00' — Tech Review / Date

Brett Kirkland 2020.07.02 15:24:09 -04'00' — Admin Review / Date

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 80-006628 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006628
Owning Agency:	FHP
Calibration Date:	06/28/2020
Calibration Time:	09:18

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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.

06/28/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

BK 2020.07.02 15:26:04 -04'00'

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP
Time of Inspection: 09:18 Date of Inspection: 06/28/2020
Serial Number: 80-006628
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080
0.000	0.049	0.080	0.199	0.080
Standard Deviations	0.0003	0.0004	0.0003	0.0003

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

Remarks:

MH

BK 2020.07.02 15:27:19 -04'00'

The above instrument complies (X) 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.

Shayla Platt SHAYLA D PLATT
Signature and Printed Name

06/28/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
06/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:49
Control Test	0.049	08:50
Air Blank	0.000	08:51
Control Test	0.050	08:51
Air Blank	0.000	08:52
Control Test	0.050	08:53
Air Blank	0.000	08:53
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
06/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:26
Control Test	0.079	09:27
Air Blank	0.000	09:27
Control Test	0.079	09:28
Air Blank	0.000	09:28
Control Test	0.079	09:29
Air Blank	0.000	09:30
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
06/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:30
Control Test	0.200	09:31
Air Blank	0.000	09:32
Control Test	0.199	09:32
Air Blank	0.000	09:33
Control Test	0.200	09:34
Air Blank	0.000	09:34
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

Operator's Signature

wet

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
06/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:36
Control Test	0.081	09:37
Air Blank	0.000	09:37
Control Test	0.080	09:37
Air Blank	0.000	09:38
Control Test	0.080	09:38
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

MH

BK

Dry

Operator's Signature

80-006628 was in a patrol vehicle that was involved in a traffic crash.

The printer flew off and could not be located.

The cable for the laser jet printer was ripped loose and now the connection is missing the screw/nut.

The entire Intoxilyzer was bounced around in the vehicle

MH

BK 2020.07.02 15:28:05 -04'00'

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency FHP Orlando S/N 80-006628

Date In 3/3/2020 DI Completion Date 3/16/20 ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By DP

- ☑ 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: Middle right foot, back right foot, and front left foot missing.

Final Release Date

FDLE

MAR 16 2020

Alcohol Testing Program

Quality Checks Performed By DP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 208
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

32 mm	0.160	(.139 - .169)
36 mm	0.183	(.156 - .190)
53 mm	0.246	(.228 - .278)
103 mm	0.511	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 26932

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201905A
		05-14-2021
0.080	DR1275	201905B
		05-14-2021
0.200	SD1011	201904D
		04-30-2021
0.080 DGS	N/A	AG931603
		11-12-2021

Flow Calibration Performed By

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 Performed By

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

Temperature Checks Performed By SP

- ☒ Lab Temp °C 22.1
- External Digital Therm. ID#: 300502
- ☒ 34°C +-.2 Serial #: SD1021
- ☒ 34°C +-.2 Serial #: DR1275
- ☒ 34°C +-.2 Serial #: SD1011

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1019 ID # 30793

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3-4-21
0.100	G2879	19160	7-9-21
0.200	G3709	19040	1-29-21
0.300	G8149	19010	1-3-21
0.080 DGS	N/A	08819080A1	6-5-21

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1021 SP	201905A	5-14-21
0.080	DR1275	201905B	5-14-21
0.200	SD1011	201904D	4-30-21
0.080 DGS	N/A	AG931603	11-12-21

SD1021

Department Inspection Performed By SP

Barometric Pressure ID# 28421

Gauge 1024 Instrument 1021

Mouth Alcohol Solution Lot # 2019-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G8144
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1011

Attachments

- ☑ Form 41
- ☑ Stability Checks
- ☑ Calibration Certificate
- ☑ Calibration Adjustment
- ☑ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ Other

Notes/Suggested Service:

- ☑ **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**

DJM 3/16/20 Brett Kirkland 3/16/2020

Tech Review / Date Admin Review / Date

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 80-006628 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006628
Owning Agency:	FHP
Calibration Date:	03/16/2020
Calibration Time:	11:58

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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).

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.

03/16/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

RBM BK 3/16/2020

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP
Time of Inspection: 11:58
Date of Inspection: 03/16/2020
Serial Number: 80-006628
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.046	0.076	0.196	0.081
0.000	0.047	0.077	0.197	0.081
0.000	0.048	0.078	0.197	0.081
0.000	0.048	0.078	0.197	0.081
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.049	0.078	0.197	0.081
0.000	0.048	0.079	0.197	0.081
0.000	0.048	0.079	0.197	0.081
0.000	0.048	0.079	0.197	0.081
Standard Deviations	0.0007	0.0009	0.0003	0.0004

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

Remarks:

GBM
BK
3/16/2020

The above instrument complies (X) 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.

Shayla Platt
SHAYLA D PLATT
Signature and Printed Name

03/16/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:33
Control Test	0.046	10:34
Air Blank	0.000	10:34
Control Test	0.046	10:35
Air Blank	0.000	10:35
Control Test	0.047	10:36
Air Blank	0.000	10:37
Control Test Stats		
Average	0.0463	
Std Dev	0.0006	
Rel Std Dev(%)	1.2461	

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:40
Control Test	0.075	10:40
Air Blank	0.000	10:41
Control Test	0.076	10:42
Air Blank	0.000	10:42
Control Test	0.076	10:43
Air Blank	0.000	10:43
Control Test Stats		
Average	0.0757	
Std Dev	0.0006	
Rel Std Dev(%)	0.7630	

wet

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005628
03/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:46
Control Test	0.195	10:47
Air Blank	0.000	10:47
Control Test	0.196	10:48
Air Blank	0.000	10:49
Control Test	0.196	10:49
Air Blank	0.000	10:50
Control Test Stats		
Average	0.1957	
Std Dev	0.0006	
Rel Std Dev(%)	0.2951	

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/13/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.078	10:52
Air Blank	0.000	10:53
Control Test	0.079	10:53
Air Blank	0.000	10:53
Control Test	0.078	10:54
Air Blank	0.000	10:54
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Dry

Operator's Signature

PBM
3/16/2020

02/27/2020

80-006628 – Intoxilyzer 8000

Please return to:

Sergeant D.K. Hawkins

133 S. Semoran Boulevard, Suite A

Orlando, Florida 32807

Repairs Needed:

Missing feet on the bottom of the instrument

BK
3/16/2020

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/13/2020 11:47:10

Auto Calibration
Max Power Res Value = 98
Auto Range Res Value = 67

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12572, 9um Io = 12795

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	-0.0080	(-0.0070)
Sample #2 =	-0.0140	(0.0230)
Sample #3 =	-0.0190	(0.0340)
Sample #4 =	0.0220	(0.0330)
Avg % Abs =	-0.0037	(0.0300)
STD DEV =	0.0224	(0.0061)
REL STD DEV =	610.040	(20.276)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1090	(-0.0080)
Sample #2 =	0.1030	(0.0060)
Sample #3 =	0.0980	(0.0110)
Sample #4 =	0.1210	(0.0110)
Avg % Abs =	0.1073	(0.0093)
STD DEV =	0.0121	(0.0029)
REL STD DEV =	11.270	(30.929)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12560, 9um Io = 12786

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.6800	(0.0040)
Sample #2 =	0.7380	(-0.0060)
Sample #3 =	0.7080	(0.0160)
Sample #4 =	0.7250	(0.0070)
Avg % Abs =	0.7210	(0.0057)
STD DEV =	0.0193	(0.0111)
REL STD DEV =	2.679	(195.184)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5080	(0.0060)
Sample #2 =	1.5380	(-0.0060)
Sample #3 =	1.5330	(-0.0010)
Sample #4 =	1.5400	(-0.0110)
Avg % Abs =	1.5370	(-0.0060)
STD DEV =	0.0036	(0.0050)
REL STD DEV =	0.235	(83.333)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12555, 9um Io = 12783

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7830	(-0.0310)
Sample #2 =	1.7980	(-0.0140)
Sample #3 =	1.7720	(0.0120)
Sample #4 =	1.7660	(0.0230)
Avg % Abs =	1.7787	(0.0070)
STD DEV =	0.0170	(0.0190)
REL STD DEV =	0.956	(271.429)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5440	(-0.0090)
Sample #2 =	3.5970	(-0.0100)
Sample #3 =	3.6000	(-0.0020)
Sample #4 =	3.5770	(0.0050)
Avg % Abs =	3.5913	(-0.0023)
STD DEV =	0.0125	(0.0075)
REL STD DEV =	0.348	(321.667)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12551, 9um Io = 12780

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4280	(0.0050)
Sample #2 =	3.4930	(0.0040)
Sample #3 =	3.4670	(0.0140)
Sample #4 =	3.4860	(0.0270)
Avg % Abs =	3.4820	(0.0150)
STD DEV =	0.0135	(0.0115)
REL STD DEV =	0.386	(76.884)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7860	(-0.0050)
Sample #2 =	6.8060	(0.0010)
Sample #3 =	6.8140	(0.0090)
Sample #4 =	6.8370	(-0.0070)
Avg % Abs =	6.8190	(0.0010)
STD DEV =	0.0161	(0.0080)
REL STD DEV =	0.236	(800.000)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12548, 9um Io = 12777

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1350	(-0.0270)
Sample #2 =	5.0980	(0.0100)
Sample #3 =	5.1130	(-0.0080)
Sample #4 =	5.0980	(0.0100)
Avg % Abs =	5.1030	(0.0040)
STD DEV =	0.0087	(0.0104)
REL STD DEV =	0.170	(259.808)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8740	(-0.0080)
Sample #2 =	9.8990	(0.0030)
Sample #3 =	9.8670	(0.0020)
Sample #4 =	9.8520	(0.0090)
Avg % Abs =	9.8727	(0.0047)
STD DEV =	0.0240	(0.0038)
REL STD DEV =	0.243	(81.127)

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

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = -0.004
Std Dev = 0.02 Rel Std Dev = 610.04
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.721
Std Dev = 0.02 Rel Std Dev = 2.68
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.779
Std Dev = 0.02 Rel Std Dev = 0.96
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.482
Std Dev = 0.01 Rel Std Dev = 0.39
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.103
Std Dev = 0.01 Rel Std Dev = 0.17
Zero Order Coef = 11.38
First Order Coef = 2598.15
Second Order Coef = 38.92
Standard Deviation = 4.633235

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.107
Std Dev = 0.01 Rel Std Dev = 11.27
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.537
Std Dev = 0.00 Rel Std Dev = 0.23
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.591
Std Dev = 0.01 Rel Std Dev = 0.35
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.819
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.873
Std Dev = 0.02 Rel Std Dev = 0.24
Zero Order Coef = -146.71
First Order Coef = 1315.08
Second Order Coef = 14.90
Standard Deviation = 7.226373

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0000
0.040	0.040	-0.0000
0.100	0.100	0.0001
0.200	0.200	-0.0001
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	0.0001
0.040	0.040	-0.0001
0.100	0.100	-0.0001
0.200	0.200	0.0002
0.300	0.300	-0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3459.00
Sample #2 = 3504.00
Sample #3 = 3376.00
Sample #4 = 3427.00
Average Result = 3435.6667
STD DEV = 64.4386
REL STD DEV = 1.876
****
***** CHANNEL 2
Sample #1 = 3278.00
Sample #2 = 3287.00
Sample #3 = 3261.00
Sample #4 = 3267.00
Average Result = 3271.6667
STD DEV = 13.6137
REL STD DEV = 0.416
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1019
3 um H2O Adjust (mg/l*10,000) = 374
9 um H2O Adjust (mg/l*10,000) = 538
**** AUTO CAL PASS

Room BK 3/16/2020

Post Cal Adjust Stability Checks #80-006628

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:59
Control Test	0.048	09:59
Air Blank	0.000	10:00
Control Test	0.048	10:01
Air Blank	0.000	10:01
Control Test	0.049	10:02
Air Blank	0.000	10:02
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SP
Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:04
Control Test	0.078	10:04
Air Blank	0.000	10:05
Control Test	0.078	10:05
Air Blank	0.000	10:06
Control Test	0.078	10:07
Air Blank	0.000	10:07
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/16/2020
Software: 8100.27

Test	'g/210L	Time
Air Blank	0.000	10:10
Control Test	0.195	10:11
Air Blank	0.000	10:11
Control Test	0.196	10:12
Air Blank	0.000	10:12
Control Test	0.197	10:13
Air Blank	0.000	10:14
Control Test Stats		
Average	0.1960	
Std Dev	0.0010	
Rel Std Dev(%)	0.5102	

SP
Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006628
03/16/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.081	09:46
Air Blank	0.000	09:47
Control Test	0.081	09:47
Air Blank	0.000	09:48
Control Test	0.080	09:48
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

SP
Operator's Signature

Adam BK 3/16/2020