INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Marion County Sheriff's Office SP S/N 80-000813

Date In 04/02/2020 DI Completion Date 4/29/20 ☒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: _____

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.04.15 08:40:06 -04'00'

Quality Checks Performed By DX

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 146
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

32 mm	0.160	(.139 - .169)
36 mm	0.175	(.156 - .190)
53 mm	0.246	(.228 - .278)
103 mm	0.519	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 26932

- ☒ 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 21.14

External Digital Therm. ID#: 300502

- ☑ 34°C +-.2 Serial #: MP5088
- ☑ 34°C +-.2 Serial #: MP5089
- ☑ 34°C +-.2 Serial #: MP5090

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1013 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5086	N/A	N/A
0.040	MP5082	19080	3-4-21
0.100	MP5083	19160	7-9-21
0.200	MP5084	19040	1-29-21
0.300	MP5085	19010	1-3-21
0.080 DGS	N/A	03519080A4	4-5-21

- ☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	5-14-21
0.080	MP5089	201905B	5-14-21
0.200	MP5090	201904D	4-30-21
0.080 DGS	N/A	AG931603	11-12-21

Department Inspection Performed By SP

Barometric Pressure ID# 30793

Gauge 1008 Instrument 1009

Mouth Alcohol Solution Lot # 2019-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5091
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 Haughey 2020.04.15 07:54:05 -04'00' — Tech Review / Date

Brett Kirkland 2020.04.15 08:34:11 -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 80-000813 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000813
Owning Agency:	MARION COUNTY SO
Calibration Date:	04/09/2020
Calibration Time:	10:43

	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.

04/09/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

2020.04.15 08:34:56 -04'00'

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARION COUNTY SO
Time of Inspection: 10:43
Date of Inspection: 04/09/2020
Serial Number: 80-000813
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	0.048	0.079	0.198	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.048	0.079	0.200	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.079
Standard Deviations	0.0005	0.0005	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:

MH

BK

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

04/09/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/07/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:27
Control Test	0.047	07:28
Air Blank	0.000	07:28
Control Test	0.046	07:29
Air Blank	0.000	07:29
Control Test	0.047	07:30
Air Blank	0.000	07:30
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

Operator's Signature

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/07/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:34
Control Test	0.077	07:35
Air Blank	0.000	07:35
Control Test	0.076	07:36
Air Blank	0.000	07:37
Control Test	0.077	07:37
Air Blank	0.000	07:38
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

Operator's Signature

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/07/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:42
Control Test	0.196	07:43
Air Blank	0.000	07:44
Control Test	0.196	07:44
Air Blank	0.000	07:45
Control Test	0.197	07:45
Air Blank	0.000	07:46
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

Operator's Signature

wet

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/07/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:48
Control Test	0.078	07:48
Air Blank	0.000	07:49
Control Test	0.079	07:49
Air Blank	0.000	07:49
Control Test	0.079	07:50
Air Blank	0.000	07:50
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Dry

Operator's Signature

MH

BK 2020.04.15 08:36:32 -04'00'

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/08/2020 08:17:44

Auto Calibration
Max Power Res Value = 83
Auto Range Res Value = 64

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12611, 9um Io = 13342

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0830	(-0.0120)
Sample #2 =	0.0830	(-0.0280)
Sample #3 =	0.0990	(0.0090)
Sample #4 =	0.0870	(0.0160)
Avg % Abs =	0.0897	(-0.0010)
STD DEV =	0.0083	(0.0236)
REL STD DEV =	9.286	(2354.318)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0650	(-0.0130)
Sample #2 =	0.0500	(-0.0190)
Sample #3 =	0.0560	(0.0000)
Sample #4 =	0.0510	(0.0030)
Avg % Abs =	0.0523	(-0.0053)
STD DEV =	0.0032	(0.0119)
REL STD DEV =	6.142	(223.694)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12598, 9um Io = 13334

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8820	(-0.0170)
Sample #2 =	0.8780	(0.0110)
Sample #3 =	0.9200	(0.0000)
Sample #4 =	0.9020	(0.0340)
Avg % Abs =	0.9000	(0.0150)
STD DEV =	0.0211	(0.0173)
REL STD DEV =	2.341	(115.662)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4700	(-0.0080)
Sample #2 =	1.4940	(-0.0170)
Sample #3 =	1.4940	(-0.0170)
Sample #4 =	1.4830	(0.0090)
Avg % Abs =	1.4903	(-0.0083)
STD DEV =	0.0064	(0.0150)
REL STD DEV =	0.426	(180.133)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12585, 9um Io = 13328

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9880	(-0.0180)
Sample #2 =	1.9840	(0.0020)
Sample #3 =	1.9790	(0.0150)
Sample #4 =	1.9820	(0.0460)
Avg % Abs =	1.9817	(0.0210)
STD DEV =	0.0025	(0.0226)
REL STD DEV =	0.127	(107.644)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5380	(-0.0030)
Sample #2 =	3.5390	(0.0060)
Sample #3 =	3.5300	(0.0030)
Sample #4 =	3.5250	(0.0180)
Avg % Abs =	3.5313	(0.0090)
STD DEV =	0.0071	(0.0079)
REL STD DEV =	0.201	(88.192)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12574, 9um Io = 13320

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8550	(-0.0250)
Sample #2 =	3.8680	(-0.0270)
Sample #3 =	3.8450	(-0.0120)
Sample #4 =	3.8430	(-0.0020)
Avg % Abs =	3.8520	(-0.0137)
STD DEV =	0.0139	(0.0126)
REL STD DEV =	0.361	(92.071)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8880	(-0.0120)
Sample #2 =	6.9010	(-0.0130)
Sample #3 =	6.8930	(-0.0150)
Sample #4 =	6.8880	(0.0000)
Avg % Abs =	6.8940	(-0.0093)
STD DEV =	0.0066	(0.0081)
REL STD DEV =	0.095	(87.263)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12568, 9um Io = 13317

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5960	(-0.0190)
Sample #2 =	5.5920	(0.0170)
Sample #3 =	5.5740	(0.0480)
Sample #4 =	5.5760	(0.0330)
Avg % Abs =	5.5807	(0.0327)
STD DEV =	0.0099	(0.0155)
REL STD DEV =	0.177	(47.457)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0110	(-0.0090)
Sample #2 =	9.9900	(0.0210)
Sample #3 =	9.9840	(0.0300)
Sample #4 =	9.9840	(0.0200)
Avg % Abs =	9.9860	(0.0237)
STD DEV =	0.0035	(0.0055)
REL STD DEV =	0.035	(23.271)

CAL ADJUSTMENT #1
SP

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.090
Std Dev = 0.01 Rel Std Dev = 9.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.900
Std Dev = 0.02 Rel Std Dev = 2.34
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.982
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.852
Std Dev = 0.01 Rel Std Dev = 0.36
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.581
Std Dev = 0.01 Rel Std Dev = 0.18
Zero Order Coef = -235.61
First Order Coef = 2420.24
Second Order Coef = 32.20
Standard Deviation = 54.486256

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.052
Std Dev = 0.00 Rel Std Dev = 6.14
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.490
Std Dev = 0.01 Rel Std Dev = 0.43
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.531
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.894
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.986
Std Dev = 0.00 Rel Std Dev = 0.03
Zero Order Coef = -62.45
First Order Coef = 1309.00
Second Order Coef = 12.66
Standard Deviation = 31.143244

Cord dislodged while screwing in DGS. Will repeat cal adjustment.
SP

MK
BK 2020.04.15 08:37:21 -04'00'

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0004
0.040	0.041	-0.0013
0.100	0.098	0.0016
0.200	0.201	-0.0009
0.300	0.300	0.0003

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	-0.0002
0.100	0.099	0.0009
0.200	0.201	-0.0008
0.300	0.300	0.0003

INTOXILYZER 8000
Instrument Initialization
09:07 04/08/2020

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/08/2020 09:19:18

Auto Calibration
Max Power Res Value = 85
Auto Range Res Value = 64

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12556, 9um Io = 13306

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0740	(-0.0190)
Sample #2 =	0.0710	(-0.0240)
Sample #3 =	0.0650	(0.0220)
Sample #4 =	0.0710	(0.0080)

Avg % Abs = 0.0690 (0.0020)
STD DEV = 0.0035 (0.0236)
REL STD DEV = 5.020 (1178.982)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0400	(-0.0110)
Sample #2 =	0.0380	(-0.0160)
Sample #3 =	0.0420	(-0.0050)
Sample #4 =	0.0400	(-0.0100)

Avg % Abs = 0.0400 (-0.0103)
STD DEV = 0.0020 (0.0055)
REL STD DEV = 5.000 (53.299)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12548, 9um Io = 13304

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8780	(-0.0260)
Sample #2 =	0.8770	(-0.0120)
Sample #3 =	0.8760	(-0.0060)
Sample #4 =	0.8570	(0.0320)

Avg % Abs = 0.8700 (0.0047)
STD DEV = 0.0113 (0.0239)
REL STD DEV = 1.295 (511.301)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4620	(-0.0120)
Sample #2 =	1.4640	(-0.0140)
Sample #3 =	1.4900	(-0.0150)
Sample #4 =	1.4820	(0.0030)

Avg % Abs = 1.4787 (-0.0087)
STD DEV = 0.0133 (0.0101)
REL STD DEV = 0.901 (116.723)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12543, 9um Io = 13302

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.0000	(-0.0020)
Sample #2 =	1.9850	(-0.0080)
Sample #3 =	1.9980	(0.0030)
Sample #4 =	1.9690	(0.0160)

Avg % Abs = 1.9840 (0.0037)
STD DEV = 0.0145 (0.0120)
REL STD DEV = 0.732 (327.651)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5150	(0.0030)
Sample #2 =	3.5310	(-0.0190)
Sample #3 =	3.5340	(-0.0090)
Sample #4 =	3.5390	(-0.0070)

Avg % Abs = 3.5347 (-0.0117)
STD DEV = 0.0040 (0.0064)
REL STD DEV = 0.114 (55.107)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12535, 9um Io = 13299

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.8720	(-0.0380)
Sample #2 =	3.8650	(-0.0260)
Sample #3 =	3.8490	(-0.0200)
Sample #4 =	3.8470	(0.0140)

Avg % Abs = 3.8537 (-0.0107)
STD DEV = 0.0099 (0.0216)
REL STD DEV = 0.256 (202.234)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8780	(-0.0040)
Sample #2 =	6.9110	(-0.0040)
Sample #3 =	6.8950	(-0.0150)
Sample #4 =	6.9200	(-0.0060)

Avg % Abs = 6.9087 (-0.0083)
STD DEV = 0.0127 (0.0059)
REL STD DEV = 0.183 (70.314)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12529, 9um Io = 13296

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.5650	(-0.0320)
Sample #2 =	5.5770	(-0.0380)
Sample #3 =	5.5890	(-0.0100)
Sample #4 =	5.5770	(-0.0140)

Avg % Abs = 5.5810 (-0.0207)
STD DEV = 0.0069 (0.0151)
REL STD DEV = 0.124 (73.276)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9740	(0.0030)
Sample #2 =	9.9980	(-0.0110)
Sample #3 =	10.0010	(0.0040)
Sample #4 =	9.9960	(-0.0040)

Avg % Abs = 9.9983 (-0.0037)
STD DEV = 0.0025 (0.0075)
REL STD DEV = 0.025 (204.697)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.069
Std Dev = 0.00 Rel Std Dev = 5.02

Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.870
Std Dev = 0.01 Rel Std Dev = 1.30

Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.984
Std Dev = 0.01 Rel Std Dev = 0.73

Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.854
Std Dev = 0.01 Rel Std Dev = 0.26

Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.581
Std Dev = 0.01 Rel Std Dev = 0.12

Zero Order Coef = -167.90
First Order Coef = 2385.92
Second Order Coef = 36.12
Standard Deviation = 37.247425

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.040
Std Dev = 0.00 Rel Std Dev = 5.00

Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.479
Std Dev = 0.01 Rel Std Dev = 0.90

Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.535
Std Dev = 0.00 Rel Std Dev = 0.11

Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.909
Std Dev = 0.01 Rel Std Dev = 0.18

Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.998
Std Dev = 0.00 Rel Std Dev = 0.03

Zero Order Coef = -41.46
First Order Coef = 1300.16
Second Order Coef = 13.12
Standard Deviation = 32.378052

CAL ADJUSTMENT #2
#80-000813 SP

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.041	-0.0006
0.100	0.099	0.0011
0.200	0.201	-0.0008
0.300	0.300	0.0003

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	-0.0001
0.100	0.099	0.0009
0.200	0.201	-0.0009
0.300	0.300	0.0003

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3094.00
Sample #2 = 3050.00
Sample #3 = 2987.00
Sample #4 = 3122.00
Average Result = 3053.0000
STD DEV = 67.5500
REL STD DEV = 2.213
****
***** CHANNEL 2
Sample #1 = 3474.00
Sample #2 = 3469.00
Sample #3 = 3461.00
Sample #4 = 3502.00
Average Result = 3477.3333
STD DEV = 21.7332
REL STD DEV = 0.625
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 756
9 um H2O Adjust (mg/l*10,000) = 332
**** AUTO CAL PASS

BK
2020.04.15
08:38:05
-04'00'

Post Cal Adjust Stability Checks #80-000813

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:14
Control Test	0.049	08:14
Air Blank	0.000	08:15
Control Test	0.049	08:15
Air Blank	0.000	08:16
Control Test	0.049	08:17
Air Blank	0.000	08:17
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:02
Control Test	0.080	08:03
Air Blank	0.000	08:03
Control Test	0.079	08:04
Air Blank	0.000	08:05
Control Test	0.079	08:05
Air Blank	0.000	08:06
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

SP
Operator's Signature

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:08
Control Test	0.200	08:09
Air Blank	0.000	08:09
Control Test	0.199	08:10
Air Blank	0.000	08:11
Control Test	0.200	08:11
Air Blank	0.000	08:12
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

SP
Operator's Signature

MARION COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000813
04/09/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.079	08:21
Air Blank	0.000	08:21
Control Test	0.079	08:22
Air Blank	0.000	08:22
Control Test	0.080	08:22
Air Blank	0.000	08:23
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

SP
Operator's Signature

BK 2020.04.15 08:38:55 -04'00'