INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Madison County Sheriff's Office S/N 80-001307

Date In 05/28/2020 DI Completion Date 6/10/2020 ☐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: _____

Quality Checks Performed By SP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 160
- ☒ Flow Verification (L/s)

Flow Column # ATP-102

32 mm	0.136	(.139 - .169)
36 mm	0.156	(.156 - .190)
53 mm	0.222	(.228 - .278)
103 mm	0.503	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201905A 05-14-2021
0.080	SD3962	201905B 05-14-2021
0.200	G2078	201904D 04-30-2021
0.080 DGS	N/A	AG931603 11-12-2021

Flow Calibration Performed By SP

Flow Column # ATP103

- ☒ 5L/min – 17mm
- ☒ 15L/min – 53mm
- ☒ 30L/min – 103mm
- ☒ R-Value 157
- ☒ Post Calibration Verification (L/s)

Flow Column # ATP102

32 mm	.148	(.139 - .169)
36 mm	.179	(.156 - .190)
53 mm	.250	(.228 - .278)
103 mm	.503	(.447 - .547)

Maintenance Performed By _____

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

Temperature Checks Performed By SP

- ☒ Lab Temp °C 21.9

External Digital Therm. ID#: 300502

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

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.06.11 15:56:57 -04'00'

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1012/1014 ID # 30793

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	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# 28421

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 X2
- ☑ Post-Stability Checks
- ☑ Flow Calibration
- ☐ Form 40
- ☐ Other _____

Notes/Suggested Service: Cal adjust solutions used for second cal adjust.

0.040 Lot# 20060 2-10-22
0.100 Lot# 20190 4-6-22
0.200 Lot# 20160 3-18-22
0.300 Lot# 20030 1-21-22 SP

- ☑ **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 2020.06.10 14:56:16 -04'00' — Tech Review / Date

Brett Kirkland 2020.06.11 15:52:55 -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 80-001307 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001307	UNCERTAINTY* ±	
Owning Agency:	MADISON COUNTY SO	0.050 g/ 210 L	0.004
Calibration Date:	06/06/2020	0.080 g/ 210 L	0.005
Calibration Time:	13:39	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.

06/06/2020
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

BK 2020.06.11 15:53:27 -04'00'

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MADISON COUNTY SO
Time of Inspection: 13:39
Date of Inspection: 06/06/2020
Serial Number: 80-001307
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	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.198	0.078
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.198	0.079

Standard Deviations	0.0000	0.0000	0.0004	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0001 Number of Simulators Used: 5

Remarks:

MH

BK 2020.06.11 15:53:52 -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

06/06/2020
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

EDISON COUNTY SO
ntoxilyzer - Alcohol Analyzer
odel 8000 SN 80-001307
05/27/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:21
Control Test	0.047	14:21
Air Blank	0.000	14:22
Control Test	0.046	14:22
Air Blank	0.000	14:23
Control Test	0.047	14:24
Air Blank	0.000	14:24

Control Test Stats

Average	0.0467
Std Dev	0.0006
Rel Std Dev(%)	1.2372

Operator's Signature

EDISON COUNTY SO
ntoxilyzer - Alcohol Analyzer
odel 8000 SN 80-001307
5/27/2020
oftware: 8100.27

est	g/210L	Time
ir Blank	0.000	14:26
ontrol Test	0.077	14:26
ir Blank	0.000	14:27
ontrol Test	0.077	14:28
ir Blank	0.000	14:28
ontrol Test	0.077	14:29
ir Blank	0.000	14:29

ontrol Test Stats

verage	0.0770
td Dev	0.0000
el Std Dev(%)	0.0000

wet

Operator's Signature

EDISON COUNTY SO
ntoxilyzer - Alcohol Analyzer
odel 8000 SN 80-001307
5/27/2020
oftware: 8100.27

est	g/210L	Time
ir Blank	0.000	14:31
ontrol Test	0.197	14:32
ir Blank	0.000	14:33
ontrol Test	0.198	14:33
ir Blank	0.000	14:34
ontrol Test	0.198	14:34
ir Blank	0.000	14:35

ontrol Test Stats

verage	0.1977
td Dev	0.0006
el Std Dev(%)	0.2921

Operator's Signature

EDISON COUNTY SO
ntoxilyzer - Alcohol Analyzer
odel 8000 SN 80-001307
5/27/2020
oftware: 8100.27

est	g/210L	Time
ir Blank	0.000	14:37
ontrol Test	0.080	14:38
ir Blank	0.000	14:38
ontrol Test	0.079	14:38
ir Blank	0.000	14:39
ontrol Test	0.079	14:39
ir Blank	0.000	14:40

ontrol Test Stats

verage	0.0793
td Dev	0.0006
el Std Dev(%)	0.7277

Dry

Operator's Signature

MH
BK 2020.06.11 15:54:17 -04'00'

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/05/2020 17:26:40

Auto Calibration
Max Power Res Value = 40
Auto Range Res Value = 32

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12805, 9um Io = 12689

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1180	(-0.0120)
Sample #2 =	0.1090	(0.0000)
Sample #3 =	0.0850	(0.0390)
Sample #4 =	0.0860	(0.0540)

Avg % Abs = 0.0933 (0.0310)
STD DEV = 0.0136 (0.0279)
REL STD DEV = 14.547 (89.918)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1410	(-0.0230)
Sample #2 =	0.1030	(0.0070)
Sample #3 =	0.0950	(0.0230)
Sample #4 =	0.0880	(0.0350)

Avg % Abs = 0.0953 (0.0217)
STD DEV = 0.0075 (0.0140)
REL STD DEV = 7.873 (64.835)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12793, 9um Io = 12682

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8620	(-0.0030)
Sample #2 =	0.8350	(0.0090)
Sample #3 =	0.8510	(0.0370)
Sample #4 =	0.8580	(0.0420)

Avg % Abs = 0.8480 (0.0293)
STD DEV = 0.0118 (0.0178)
REL STD DEV = 1.390 (60.633)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5430	(0.0020)
Sample #2 =	1.5080	(0.0230)
Sample #3 =	1.5260	(0.0190)
Sample #4 =	1.5360	(0.0330)

Avg % Abs = 1.5233 (0.0250)
STD DEV = 0.0142 (0.0072)
REL STD DEV = 0.931 (28.844)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12781, 9um Io = 12675

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3600	(-0.0400)
Sample #2 =	5.3490	(0.0040)
Sample #3 =	5.3510	(-0.0080)
Sample #4 =	5.3680	(0.0270)

Avg % Abs = 5.3560 (0.0077)
STD DEV = 0.0104 (0.0178)
REL STD DEV = 0.195 (231.988)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9170	(-0.0240)
Sample #2 =	9.8980	(0.0130)
Sample #3 =	9.9080	(-0.0020)
Sample #4 =	9.8970	(0.0270)

Avg % Abs = 9.9010 (0.0127)
STD DEV = 0.0061 (0.0145)
REL STD DEV = 0.061 (114.496)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12774, 9um Io = 12669

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7100	(-0.0230)
Sample #2 =	3.6900	(-0.0110)
Sample #3 =	3.6680	(0.0190)
Sample #4 =	3.7010	(0.0170)

Avg % Abs = 3.6863 (0.0083)
STD DEV = 0.0168 (0.0168)
REL STD DEV = 0.456 (201.276)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8740	(-0.0150)
Sample #2 =	6.8610	(-0.0100)
Sample #3 =	6.8470	(0.0040)
Sample #4 =	6.8490	(0.0150)

Avg % Abs = 6.8523 (0.0030)
STD DEV = 0.0076 (0.0125)
REL STD DEV = 0.111 (417.666)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12771, 9um Io = 12671

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9160	(-0.0170)
Sample #2 =	1.9170	(0.0190)
Sample #3 =	1.9070	(0.0110)
Sample #4 =	1.9080	(0.0180)

Avg % Abs = 1.9107 (0.0160)
STD DEV = 0.0055 (0.0044)
REL STD DEV = 0.288 (27.243)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5520	(-0.0070)
Sample #2 =	3.5370	(0.0380)
Sample #3 =	3.5570	(0.0180)
Sample #4 =	3.5540	(0.0280)

Avg % Abs = 3.5493 (0.0280)
STD DEV = 0.0108 (0.0100)
REL STD DEV = 0.304 (35.714)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.093
Std Dev = 0.01 Rel Std Dev = 14.55
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.848
Std Dev = 0.01 Rel Std Dev = 1.39
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 5.356
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.686
Std Dev = 0.02 Rel Std Dev = 0.46
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 1.911
Std Dev = 0.01 Rel Std Dev = 0.29
Zero Order Coef = -1745.29
First Order Coef = 9316.82
Second Order Coef = -1535.01
Standard Deviation = 2770.889160

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.095
Std Dev = 0.01 Rel Std Dev = 7.87
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.523
Std Dev = 0.01 Rel Std Dev = 0.93
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 9.901
Std Dev = 0.01 Rel Std Dev = 0.06
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.852
Std Dev = 0.01 Rel Std Dev = 0.11
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 3.549
Std Dev = 0.01 Rel Std Dev = 0.30
Zero Order Coef = -1420.42
First Order Coef = 4940.06
Second Order Coef = -442.21
Standard Deviation = 2737.310059

MH

BK 2020.06.11 15:54:41 -04'00'

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.019	0.0187
0.040	0.106	-0.0661
0.100	0.087	0.0135
0.200	0.247	-0.0465
0.300	0.219	0.0805

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.020	0.0200
0.040	0.107	-0.0657
0.100	0.087	0.0130
0.200	0.245	-0.0450
0.300	0.221	0.0786

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 7788.00
Sample #2 = 7638.00
Sample #3 = 7756.00
Sample #4 = 7802.00
Average Result = 7732.0000
STD DEV = 84.5931
REL STD DEV = 1.094
****
***** CHANNEL 2
Sample #1 = 8487.00
Sample #2 = 8390.00
Sample #3 = 8430.00
Sample #4 = 8509.00
Average Result = 8443.0000
STD DEV = 60.5558
REL STD DEV = 0.717
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1012
3 um H20 Adjust (mg/l*10,000) = -3922
9 um H20 Adjust (mg/l*10,000) = -4633
**** AUTO CAL PASS

Cal Adjustment #1

Sims not prepared propeely will Repeat cal adjustsp

Post Cal Adjust Stability Checks

.05

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	19:12
Control Test	0.128	19:13
Air Blank	0.000	19:13
Control Test	0.128	19:14
Air Blank	0.000	19:14
Control Test	0.128	19:15
Air Blank	0.000	19:15
Control Test Stats		
Average	0.1280	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

.08

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	18:24
Control Test	0.191	18:25
Air Blank	0.000	18:25
Control Test	0.190	18:26
Air Blank	0.000	18:26
Control Test	0.191	18:27
Air Blank	0.000	18:28
Control Test Stats		
Average	0.1907	
Std Dev	0.0006	
Rel Std Dev(%)	0.3028	

SP
Operator's Signature

.200

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	18:18
Control Test	0.245	18:19
Air Blank	0.000	18:19
Control Test	0.246	18:20
Air Blank	0.000	18:21
Control Test	0.245	18:21
Air Blank	0.000	18:22
Control Test Stats		
Average	0.2453	
Std Dev	0.0006	
Rel Std Dev(%)	0.2353	

SP
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/05/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	18:37
Control Test	0.078	18:38
Air Blank	0.000	18:38
Control Test	0.079	18:38
Air Blank	0.000	18:39
Control Test	0.078	18:39
Air Blank	0.000	18:40
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

SP
Operator's Signature

MM
BK 2020.06.11 15:55:05 -04'00'

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/06/2020 09:08:39

Auto Calibration
Max Power Res Value = 41
Auto Range Res Value = 33

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12901, 9um Io = 12732

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1160	(0.0000)
Sample #2 =	0.1250	(-0.0010)
Sample #3 =	0.0990	(0.0090)
Sample #4 =	0.1050	(0.0190)

Avg % Abs = 0.1097 (0.0090)
STD DEV = 0.0136 (0.0100)
REL STD DEV = 12.414 (111.111)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1100	(-0.0220)
Sample #2 =	0.0920	(-0.0120)
Sample #3 =	0.1260	(-0.0300)
Sample #4 =	0.1010	(-0.0180)

Avg % Abs = 0.1063 (-0.0200)
STD DEV = 0.0176 (0.0092)
REL STD DEV = 16.567 (45.826)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12896, 9um Io = 12732

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8540	(-0.0020)
Sample #2 =	0.8690	(-0.0010)
Sample #3 =	0.8340	(-0.0030)
Sample #4 =	0.8360	(0.0240)

Avg % Abs = 0.8463 (0.0067)
STD DEV = 0.0197 (0.0150)
REL STD DEV = 2.322 (225.666)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5150	(0.0020)
Sample #2 =	1.5200	(-0.0100)
Sample #3 =	1.4750	(0.0010)
Sample #4 =	1.5190	(-0.0040)

Avg % Abs = 1.5047 (-0.0043)
STD DEV = 0.0257 (0.0055)
REL STD DEV = 1.708 (127.098)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12894, 9um Io = 12731

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9530	(-0.0130)
Sample #2 =	1.9220	(-0.0020)
Sample #3 =	1.9060	(0.0170)
Sample #4 =	1.9280	(0.0000)

Avg % Abs = 1.9187 (0.0050)
STD DEV = 0.0114 (0.0104)
REL STD DEV = 0.593 (208.806)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5980	(-0.0170)
Sample #2 =	3.5860	(-0.0160)
Sample #3 =	3.5530	(-0.0030)
Sample #4 =	3.5660	(-0.0060)

Avg % Abs = 3.5683 (-0.0083)
STD DEV = 0.0166 (0.0068)
REL STD DEV = 0.466 (81.682)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12893, 9um Io = 12732

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6820	(-0.0060)
Sample #2 =	3.6570	(-0.0070)
Sample #3 =	3.6580	(0.0260)
Sample #4 =	3.6490	(0.0060)

Avg % Abs = 3.6547 (0.0083)
STD DEV = 0.0049 (0.0166)
REL STD DEV = 0.135 (199.479)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8340	(-0.0010)
Sample #2 =	6.8030	(0.0080)
Sample #3 =	6.8080	(0.0220)
Sample #4 =	6.8170	(0.0080)

Avg % Abs = 6.8093 (0.0127)
STD DEV = 0.0071 (0.0081)
REL STD DEV = 0.104 (63.812)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12892, 9um Io = 12730

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3050	(-0.0150)
Sample #2 =	5.3280	(0.0000)
Sample #3 =	5.2870	(0.0120)
Sample #4 =	5.2900	(0.0350)

Avg % Abs = 5.3017 (0.0157)
STD DEV = 0.0229 (0.0178)
REL STD DEV = 0.431 (113.526)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7930	(-0.0110)
Sample #2 =	9.8170	(-0.0060)
Sample #3 =	9.7930	(-0.0040)
Sample #4 =	9.7860	(0.0170)

Avg % Abs = 9.7987 (0.0023)
STD DEV = 0.0163 (0.0127)
REL STD DEV = 0.166 (546.043)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.110
Std Dev = 0.01 Rel Std Dev = 12.41
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.846
Std Dev = 0.02 Rel Std Dev = 2.32
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.919
Std Dev = 0.01 Rel Std Dev = 0.59
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.655
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.302
Std Dev = 0.02 Rel Std Dev = 0.43
Zero Order Coef = -277.45
First Order Coef = 2549.04
Second Order Coef = 37.18
Standard Deviation = 8.497903

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.106
Std Dev = 0.02 Rel Std Dev = 16.57
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.505
Std Dev = 0.03 Rel Std Dev = 1.71
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.568
Std Dev = 0.02 Rel Std Dev = 0.47
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.809
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.799
Std Dev = 0.02 Rel Std Dev = 0.17
Zero Order Coef = -121.29
First Order Coef = 1306.75
Second Order Coef = 16.59
Standard Deviation = 19.262873

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	-0.0000
0.100	0.100	0.0002
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	-0.0004
0.040	0.040	0.0005
0.100	0.100	0.0002
0.200	0.200	-0.0005
0.300	0.300	0.0002

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3043.00
Sample #2 = 3031.00
Sample #3 = 3109.00
Sample #4 = 2984.00
Average Result = 3041.3333
STD DEV = 63.1374
REL STD DEV = 2.076
****
***** CHANNEL 2
Sample #1 = 3357.00
Sample #2 = 3359.00
Sample #3 = 3381.00
Sample #4 = 3350.00
Average Result = 3366.6667
STD DEV = 12.4231
REL STD DEV = 0.369
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1014
3 um H20 Adjust (mg/l*10,000) = 768
9 um H20 Adjust (mg/l*10,000) = 443
**** AUTO CAL PASS

Cal Adjust #2
SP

MH

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Post Cal Adjust Stability Checks

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/06/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:17
Control Test	0.048	10:18
Air Blank	0.000	10:18
Control Test	0.048	10:19
Air Blank	0.000	10:20
Control Test	0.048	10:20
Air Blank	0.000	10:21
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/06/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:30
Control Test	0.078	10:30
Air Blank	0.000	10:31
Control Test	0.078	10:32
Air Blank	0.000	10:32
Control Test	0.078	10:33
Air Blank	0.000	10:33
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/06/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:46
Control Test	0.199	10:46
Air Blank	0.000	10:47
Control Test	0.200	10:47
Air Blank	0.000	10:48
Control Test	0.198	10:49
Air Blank	0.000	10:49
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

SP
Operator's Signature

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/06/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:27
Control Test	0.080	10:27
Air Blank	0.000	10:27
Control Test	0.080	10:28
Air Blank	0.000	10:28
Control Test	0.079	10:29
Air Blank	0.000	10:29
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

SP
Operator's Signature

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Flow Cal Adjust
SP

MADISON COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001307
06/06/2020
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 3.160
2: Rate (Liters/min) = 15
SQRT(Diff)) = 9.695
3: Rate (Liters/min) = 30
SQRT(Diff)) = 19.973
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 580
Rounded Intercept = 42180
Correlation = 0.99992

MA

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