

INSTRUMENT PROCESSING SHEET

Agency Leesburg PD

S/N 80-000824

Date In 7/27/16

Date Out 8/23/16

Ship P/U H/D CMI EE

Intake Performed By <u>[Signature]</u>		Quality Checks Performed By <u>[Signature]</u>		Flow Calibration Performed By <u>[Signature]</u>																
<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Return from CMI <input type="checkbox"/> Return from Enforcement Electronics <input type="checkbox"/> Other _____ Visual Inspection: <u>ok</u> Case <u>ok</u> Handle <u>ok</u> Dry Gas Holder <u>ok</u> Feet <u>ok</u> Keyboard/Plug <u>ok</u> Back/Plugs <u>ok</u> Screws tight <u>ok</u> Breath Hose Other Equipment: <input checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Other <u>Static Bag</u>		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>225</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP103</u> 32mm <u>0.156</u> (.139 - .169) 36mm <u>0.167</u> (.156 - .190) 53mm <u>0.238</u> (.228 - .278) 103mm <u>0.488</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>G4444</td> <td>201507A 7/14/17</td> </tr> <tr> <td>0.08</td> <td>G6621</td> <td>201601F 1/26/18</td> </tr> <tr> <td>0.20</td> <td>SD1012</td> <td>201505A 5/12/17</td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td>AG612405 5/3/18</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.05	G4444	201507A 7/14/17	0.08	G6621	201601F 1/26/18	0.20	SD1012	201505A 5/12/17	0.08 DGS	N/A	AG612405 5/3/18	<input checked="" type="checkbox"/> Flow Calibration N/A <input type="checkbox"/> Flow Calibration Complete Flow Column # <u>53mm</u> <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 # 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547)	
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				Suggested Service _____ _____ _____																

RECEIVED
 AUG 24 2016
 FDLE
 Alcohol Testing Program

Optical Bench Calibration Performed By <u>[Signature]</u>				Department Inspection Performed By <u>[Signature]</u>																																											
<input type="checkbox"/> Optical Bench Calibration N/A <input checked="" type="checkbox"/> Optical Bench Calibration Complete #1 Barometric Pressure Gauge 1016 ID# 26932				<input checked="" type="checkbox"/> Barometric Pressure <u>1019</u> Gauge ID# <u>28427</u> <u>1016</u> Instrument Mouth Alcohol Solution Lot # <u>2015-A</u> Acetone Stock Solution Lot # <u>2016-B</u>																																											
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Notes: Optical bench calibration completed to bring values closer to nominal. Values after second calibration were within range, but opted to perform additional calibration to bring values closer to nominal.

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

T. Smith
Quality Control Review

8/24/16
Date

QC [Signature] 8/24/16

INSTRUMENT PROCESSING SHEET

Agency Leesburg P.D. S/N 80-000824
Date In 7/27/16 Date Out 8/23/16 Ship P/U H/D CMI EE

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AUG 24 2016
FDLE
Alcohol Testing Program

Intake	Quality Checks	Flow Calibration															
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Pre-Cal

Stability Checks # 80-000824 Leesburg P.D.

7 PMS 09/28/16 DB BX

ESG

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
07/28/2016
SN 80-000824
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:44
Control Test	0.045	15:45
Air Blank	0.000	15:45
Control Test	0.047	15:46
Air Blank	0.000	15:46
Control Test	0.048	15:47
Air Blank	0.000	15:47
Control Test	0.0470	15:47
Average	0.0470	
Std Dev	0.0010	
Rel Std Dev(%)	2.1277	

DBS

Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
07/28/2016
SN 80-000824
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:48
Control Test	0.048	15:49
Air Blank	0.000	15:49
Control Test	0.047	15:50
Air Blank	0.000	15:50
Control Test	0.046	15:51
Air Blank	0.000	15:52
Control Test	0.0470	15:52
Average	0.0470	
Std Dev	0.0010	
Rel Std Dev(%)	2.1277	

DBS

Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
07/28/2016
SN 80-000824
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:54
Control Test	0.078	15:55
Air Blank	0.000	15:55
Control Test	0.078	15:56
Air Blank	0.000	15:57
Control Test	0.078	15:57
Air Blank	0.000	15:58
Control Test	0.0780	15:58
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DBS

Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
07/28/2016
SN 80-000824
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:59
Control Test	0.196	16:00
Air Blank	0.000	16:01
Control Test	0.197	16:01
Air Blank	0.000	16:02
Control Test	0.197	16:02
Air Blank	0.000	16:03
Control Test	0.1967	16:03
Average	0.1967	
Std Dev	0.0006	
Rel Std Dev(%)	0.2936	

DBS

Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
07/28/2016
SN 80-000824
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:04
Control Test	0.080	16:04
Air Blank	0.000	16:05
Control Test	0.081	16:05
Air Blank	0.000	16:05
Control Test	0.080	16:05
Air Blank	0.000	16:06
Control Test	0.080	16:06
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DBS

Operator's Signature

Optical Bench Calibration Data #80-00824 Leesburg P.D. 8/1/16 ADS

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/01/2016

SN 80-000824
18:07:36

Auto Calibration
Max Power Res Value = 30
Auto Range Res Value = 14

**** CHANNEL 2 ****
Sample % Abs (% Abs Ref)
Sample #1 = 1.4590 (-0.0030)
Sample #2 = 1.4590 (0.0060)
Sample #3 = 1.4690 (-0.0120)
Sample #4 = 1.4680 (0.0140)
Avg % Abs = 1.4550 (0.0027)
STD DEV = 0.0061 (0.0133)
REL STD DEV = 0.415 (499.375)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12648, Sum Io = 12558
**** CHANNEL 1 ****
Sample % Abs (% Abs Ref)
Sample #1 = 1.9200 (-0.0210)
Sample #2 = 1.9270 (0.0140)
Sample #3 = 1.9230 (0.0140)
Sample #4 = 1.9140 (0.0330)
Avg % Abs = 1.9180 (0.0203)
STD DEV = 0.0123 (0.0110)
REL STD DEV = 0.641 (53.949)

**** CHANNEL 2 ****
Sample % Abs (% Abs Ref)
Sample #1 = 3.4950 (-0.0080)
Sample #2 = 3.5020 (0.0090)
Sample #3 = 3.5060 (0.0100)
Sample #4 = 3.5040 (0.0120)
Avg % Abs = 3.5040 (0.0103)
STD DEV = 0.0020 (0.0015)
REL STD DEV = 0.057 (14.783)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12642, Sum Io = 12554
**** CHANNEL 1 ****
Sample % Abs (% Abs Ref)
Sample #1 = 3.7320 (-0.0150)
Sample #2 = 3.7420 (-0.0010)
Sample #3 = 3.7350 (0.0060)
Sample #4 = 3.7280 (-0.0030)
Avg % Abs = 3.7350 (0.0007)
STD DEV = 0.0070 (0.0047)
REL STD DEV = 0.187 (708.872)

**** CHANNEL 2 ****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1180 (-0.0150)
Sample #2 = 0.1040 (-0.0040)
Sample #3 = 0.1080 (0.0000)
Sample #4 = 0.1160 (-0.0130)
Avg % Abs = 0.1093 (-0.0057)
STD DEV = 0.0061 (0.0067)
REL STD DEV = 5.589 (117.500)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l ****
Samples Taken = 4, Discarded = 1
Sum Io = 12650, Sum Io = 12560
**** CHANNEL 1 ****
Sample % Abs (% Abs Ref)
Sample #1 = 0.8310 (-0.0170)
Sample #2 = 0.8210 (0.0010)
Sample #3 = 0.8150 (-0.0070)
Sample #4 = 0.8130 (0.0240)
Avg % Abs = 0.8163 (0.0060)
STD DEV = 0.0042 (0.0161)
REL STD DEV = 0.510 (266.225)

**** AUTO CAL DATA ****
**** CHANNEL 1 ****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.094
Std Dev = 0.01 Rel Std Dev = 9.02
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.816
Std Dev = 0.00 Rel Std Dev = 0.51
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.918
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.735
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 7.029
Std Dev = 0.02 Rel Std Dev = 0.27
Zero Order Coef = -184.21
First Order Coef = 2479.65
Second Order Coef = 36.25
Standard Deviation = 52.510735

**** CHANNEL 2 ****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.01 Rel Std Dev = 5.59
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.465
Std Dev = 0.01 Rel Std Dev = 0.42
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.594
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.860
Std Dev = 0.00 Rel Std Dev = 0.02
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.689
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -80.89
First Order Coef = 1301.82
Second Order Coef = 16.10
Standard Deviation = 70.55238

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l ****
Samples Taken = 4, Discarded = 1
**** CHANNEL 1 ****
Sample #1 = 3180.00
Sample #2 = 3125.00
Sample #3 = 3106.00
Sample #4 = 3099.00
Average Result = 3110.0000
STD DEV = 13.4536
REL STD DEV = 0.433
**** CHANNEL 2 ****
Sample #1 = 3364.00
Sample #2 = 3352.00
Sample #3 = 3352.00
Sample #4 = 3355.00
Average Result = 3353.0000
STD DEV = 1.7321
REL STD DEV = 0.052

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 699
9 um H2O Adjust (mg/l*10,000) = 456
**** AUTO CAL PASS

AK

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0011
0.040 0.039 0.0009
0.100 0.099 0.0012
0.200 0.201 -0.0012
0.400 0.400 0.0003

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0013
0.040 0.039 0.0009
0.100 0.098 0.0018
0.200 0.202 -0.0017
0.400 0.400 0.0004

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l ****
Samples Taken = 4, Discarded = 1
**** CHANNEL 1 ****
Sample #1 = 3180.00
Sample #2 = 3125.00
Sample #3 = 3106.00
Sample #4 = 3099.00
Average Result = 3110.0000
STD DEV = 13.4536
REL STD DEV = 0.433
**** CHANNEL 2 ****
Sample #1 = 3364.00
Sample #2 = 3352.00
Sample #3 = 3352.00
Sample #4 = 3355.00
Average Result = 3353.0000
STD DEV = 1.7321
REL STD DEV = 0.052

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 699
9 um H2O Adjust (mg/l*10,000) = 456
**** AUTO CAL PASS

Post-Cal Stability Checks # 8D-000824 Leesburg P.D. 8/1/16 *RMS*

BK

RMS

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/01/2016
Software: 8100.27

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
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Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/01/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	19:30
Control Test	0.081	19:30
Air Blank	0.000	19:31
Control Test	0.081	19:31
Air Blank	0.000	19:31
Control Test	0.080	19:32
Air Blank	0.000	19:32
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Test	g/210L	Time
Air Blank	0.000	19:25
Control Test	0.197	19:25
Air Blank	0.000	19:26
Control Test	0.198	19:27
Air Blank	0.000	19:27
Control Test	0.197	19:28
Air Blank	0.000	19:28
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

Test	g/210L	Time
Air Blank	0.000	19:20
Control Test	0.077	19:20
Air Blank	0.000	19:21
Control Test	0.078	19:22
Air Blank	0.000	19:22
Control Test	0.078	19:23
Air Blank	0.000	19:23
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Test	g/210L	Time
Air Blank	0.000	19:15
Control Test	0.076	19:16
Air Blank	0.000	19:16
Control Test	0.077	19:17
Air Blank	0.000	19:17
Control Test	0.077	19:18
Air Blank	0.000	19:19
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

Test	g/210L	Time
Air Blank	0.000	19:10
Control Test	0.049	19:11
Air Blank	0.000	19:11
Control Test	0.049	19:12
Air Blank	0.000	19:13
Control Test	0.050	19:13
Air Blank	0.000	19:14
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

RMS

Operator's Signature

RMS

Operator's Signature

Cold Counter - *RMS*
Retesting. *RMS*

RMS

Operator's Signature

RMS

Operator's Signature

RMS

Operator's Signature

Additional Stability Checks # 80-000824 Leesburg P.D. 8/2/16 *DB*

to determine if simulators or cold environment was impacting results *BK*

DB

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/02/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:13
Control Test	0.048	16:14
Air Blank	0.000	16:15
Control Test	0.048	16:15
Air Blank	0.000	16:16
Control Test	0.049	16:16
Air Blank	0.000	16:17
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

DB
Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/02/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:09
Control Test	0.077	16:09
Air Blank	0.000	16:10
Control Test	0.078	16:11
Air Blank	0.000	16:11
Control Test	0.078	16:12
Air Blank	0.000	16:12
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

DB
Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/02/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:02
Control Test	0.192	16:03
Air Blank	0.000	16:04
Control Test	0.195	16:04
Air Blank	0.000	16:05
Control Test	0.195	16:05
Air Blank	0.000	16:06
Control Test Stats		
Average	0.1940	
Std Dev	0.0017	
Rel Std Dev(%)	0.8928	

DB
Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/02/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:22
Control Test	0.194	16:22
Air Blank	0.000	16:23
Control Test	0.194	16:24
Air Blank	0.000	16:24
Control Test	0.194	16:25
Air Blank	0.000	16:25
Control Test Stats		
Average	0.1940	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DB
Operator's Signature

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000824
08/02/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:18
Control Test	0.081	16:18
Air Blank	0.000	16:19
Control Test	0.081	16:19
Air Blank	0.000	16:20
Control Test	0.080	16:20
Air Blank	0.000	16:21
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DB
Operator's Signature

Retested due to fluctuation *DB*

2nd Calibration # 80-000824 Leesburg P.D. 8/23/16 QDS

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
SN 80-000824
15:46:50
10/23/2016

Auto Calibration
Max Power Res Value = 29
Auto Range Res Value = 16

Sol Value = 0.00 g/210L ***
Fit value = 0.000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 13089, Sum Io = 12773

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.1160 (-0.0100)
Sample #2 = 0.1040 (-0.0070)
Sample #3 = 0.0850 (-0.0230)
Sample #4 = 0.0970 (-0.0550)
Avg % Abs = 0.0953 (-0.0283)
STD DEV = 0.0096 (-0.0244)
REL STD DEV = 10.079 (96.260)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 0.1000 (-0.0140)
Sample #2 = 0.1070 (-0.0140)
Sample #3 = 0.0950 (-0.0150)
Sample #4 = 0.1010 (-0.0160)
Avg % Abs = 0.1010 (-0.0117)
STD DEV = 0.0060 (-0.0049)
REL STD DEV = 5.941 (42.262)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 13088, Sum Io = 12773

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 0.8020 (-0.0210)
Sample #2 = 0.8210 (-0.0040)
Sample #3 = 0.8120 (-0.0020)
Sample #4 = 0.8180 (-0.0150)
Avg % Abs = 0.8170 (-0.0057)
STD DEV = 0.0046 (-0.0086)
REL STD DEV = 0.561 (152.147)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 1.4510 (-0.0020)
Sample #2 = 1.4760 (-0.0110)
Sample #3 = 1.4850 (-0.0060)
Sample #4 = 1.4840 (-0.0110)
Avg % Abs = 1.4817 (-0.0053)
STD DEV = 0.0049 (-0.0098)
REL STD DEV = 0.333 (184.030)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 13080, Sum Io = 12769

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 1.9180 (-0.0260)
Sample #2 = 1.9240 (-0.0120)
Sample #3 = 1.9310 (-0.0260)
Sample #4 = 1.9420 (-0.0010)
Avg % Abs = 1.9323 (-0.0123)
STD DEV = 0.0091 (-0.0135)
REL STD DEV = 0.470 (109.484)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 3.4970 (-0.0280)
Sample #2 = 3.5360 (-0.0230)
Sample #3 = 3.5300 (-0.0200)
Sample #4 = 3.5260 (-0.0260)
Avg % Abs = 3.5307 (-0.0230)
STD DEV = 0.0050 (-0.0030)
REL STD DEV = 0.143 (13.043)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 13076, Sum Io = 12772

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 3.7450 (-0.0210)
Sample #2 = 3.7530 (-0.0140)
Sample #3 = 3.7710 (-0.0090)
Sample #4 = 3.7910 (-0.0170)
Avg % Abs = 3.7717 (-0.0073)
STD DEV = 0.0190 (-0.0142)
REL STD DEV = 0.504 (193.969)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 6.8650 (-0.0070)
Sample #2 = 6.8890 (-0.0050)
Sample #3 = 6.8780 (-0.0120)
Sample #4 = 6.9530 (-0.0230)
Avg % Abs = 6.9167 (-0.0133)
STD DEV = 0.0405 (-0.0091)
REL STD DEV = 0.566 (66.053)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 13078, Sum Io = 12768

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 7.0090 (-0.0210)
Sample #2 = 7.0540 (-0.0380)
Sample #3 = 7.0920 (-0.0260)
Sample #4 = 7.0970 (-0.0520)
Avg % Abs = 7.0810 (-0.0387)
STD DEV = 0.0235 (-0.0130)
REL STD DEV = 0.332 (33.654)

Channel 2
Sample % Abs (% Abs Ref)
Sample #1 = 12.6770 (-0.0240)
Sample #2 = 12.7430 (-0.0230)
Sample #3 = 12.8280 (-0.0000)
Sample #4 = 12.8450 (-0.0070)
Avg % Abs = 12.8053 (-0.0100)
STD DEV = 0.0546 (-0.0118)
REL STD DEV = 0.427 (117.898)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 13075, Sum Io = 12772

Channel 1
Sample % Abs (% Abs Ref)
Sample #1 = 3.7450 (-0.0210)
Sample #2 = 3.7530 (-0.0140)
Sample #3 = 3.7710 (-0.0090)
Sample #4 = 3.7910 (-0.0170)
Avg % Abs = 3.7717 (-0.0073)
STD DEV = 0.0190 (-0.0142)
REL STD DEV = 0.504 (193.969)

AUTO CAL DATA
Channel 1
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.095
Std Dev = 0.01 Rel Std Dev = 10.08
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.817
Std Dev = 0.00 Rel Std Dev = 0.56
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.932
Std Dev = 0.01 Rel Std Dev = 0.47

Channel 2
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.772
Std Dev = 0.02 Rel Std Dev = 0.50
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 7.081
Std Dev = 0.02 Rel Std Dev = 0.33
Zero Order Coef = -172.76
First Order Coef = 2448.78
Second Order Coef = 37.22
Standard Deviation = 62.150870

Channel 2
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.101
Std Dev = 0.01 Rel Std Dev = 5.94
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.482
Std Dev = 0.00 Rel Std Dev = 0.33
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.531
Std Dev = 0.01 Rel Std Dev = 0.14
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.907
Std Dev = 0.04 Rel Std Dev = 0.59
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.805
Std Dev = 0.05 Rel Std Dev = 0.43
Zero Order Coef = -79.50
First Order Coef = 1294.44
Second Order Coef = 15.46
Standard Deviation = 62.550289

Channel 1
Sol Val = 0.0400 mg/l or 0.000 g/210L
% Abs = 0.001
Std Dev = 0.039
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.039
Std Dev = 0.200
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 0.400

Channel 2
Sol Val = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
Channel 1
Sample #1 = 3128.00
Sample #2 = 3156.00
Sample #3 = 3041.00
Sample #4 = 3185.00
Average Result = 3127.3333
STD DEV = 76.1599
REL STD DEV = 2.435
Channel 2
Sample #1 = 3338.00
Sample #2 = 3357.00
Sample #3 = 3336.00
Sample #4 = 3366.00
Average Result = 3353.0000
STD DEV = 15.3948
REL STD DEV = 0.459
Dry Gas H2O Adjust Results *****
Barometric Pressure = 1016
3 um H2O Adjust (mg/l*10,000) = 682
9 um H2O Adjust (mg/l*10,000) = 456
**** AUTO CAL PRESS

Post 2nd Calibration Adjustment Stability Checks #80-000824 Leesburg P.D. 8/23/16 *ADS*

ASK

ADS

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/23/2016
Software: 8100.27

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/23/2016
Software: 8100.27

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Intoxilyzer - Alcohol Analyzer
Model 8000
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Software: 8100.27

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/23/2016
Software: 8100.27

LEESBURG P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/23/2016
Software: 8100.27

Test	9/21/0L	Time
Air Blank	0.000	16:44
Control Test	0.049	16:44
Air Blank	0.000	16:45
Control Test	0.050	16:45
Air Blank	0.000	16:46
Control Test	0.050	16:47
Air Blank	0.000	16:47
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Test	9/21/0L	Time
Air Blank	0.000	16:49
Control Test	0.077	16:50
Air Blank	0.000	16:51
Control Test	0.079	16:51
Air Blank	0.000	16:52
Control Test	0.079	16:52
Air Blank	0.000	16:53
Control Test Stats		
Average	0.0783	
Std Dev	0.0012	
Rel Std Dev(%)	1.4741	

Test	9/21/0L	Time
Air Blank	0.000	16:57
Control Test	0.193	16:58
Air Blank	0.000	16:58
Control Test	0.196	16:59
Air Blank	0.000	17:00
Control Test	0.196	17:00
Air Blank	0.000	17:01
Control Test Stats		
Average	0.1950	
Std Dev	0.0017	
Rel Std Dev(%)	0.8882	

Test	9/21/0L	Time
Air Blank	0.000	17:02
Control Test	0.196	17:03
Air Blank	0.000	17:03
Control Test	0.197	17:04
Air Blank	0.000	17:05
Control Test	0.196	17:05
Air Blank	0.000	17:06
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

Test	9/21/0L	Time
Air Blank	0.000	17:08
Control Test	0.080	17:09
Air Blank	0.000	17:09
Control Test	0.080	17:09
Air Blank	0.000	17:10
Control Test	0.080	17:10
Air Blank	0.000	17:11
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

ADS
Operator's Signature

ADS
Operator's Signature

ADS
Operator's Signature

ADS
Operator's Signature

ADS
Operator's Signature

Repeated due to cold counter top numbers climbing after 1st control test. *ADS*