

INSTRUMENT PROCESSING SHEET

Agency Miami Beach Police Department

S/N 80-002232

Date In 9/20/2017

Date Out 9/21/2017

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>MLL</u> ☐ Registration ☒ Annual ☒ Return from CMI ☐ Return from Enforcement Electronics ☐ Other _____ Visual Inspection: ☒ Case ☒ Handle ☒ Dry Gas Holder ☒ Feet ☒ Keyboard/Plug ☒ Back/Plugs ☒ Screws tight ☒ Breath Hose Other Equipment: ☐ Power cord ☐ Printer Cable ☒ Other <u>Anti Static Bag</u> Notes: _____ _____ _____ _____	Quality Checks Performed By <u>MLL</u> ☒ Lab Temp °C <u>22.19</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>240</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32mm <u>.164</u> (.139 - .169) 36mm <u>.179</u> (.156 - .190) 53mm <u>.250</u> (.228 - .278) 103mm <u>.523</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28663</u> ☒ 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>SD3967</td> <td>201603D 03/08/2018</td> </tr> <tr> <td>0.08</td> <td>SD3968</td> <td>201611B 11/15/2018</td> </tr> <tr> <td>0.20</td> <td>SD3969</td> <td>201604C 04/05/2018</td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td>AG626604 09/22/2018</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.05	SD3967	201603D 03/08/2018	0.08	SD3968	201611B 11/15/2018	0.20	SD3969	201604C 04/05/2018	0.08 DGS	N/A	AG626604 09/22/2018	Flow Calibration Performed By <u>MLL</u> ☒ Flow Calibration N/A ☐ Flow Calibration Complete Flow Column # _____ ☐ 5L/min - <u>17mm</u> ☐ 15L/min - <u>53mm</u> ☐ 30L/min - <u>103mm</u> ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547) Maintenance Performed By <u>MLL</u> ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Replaced Printer Paper</u> Quality Checks Cont. Performed By <u>MLL</u> Simulator Temperatures °C External Digital Therm. ID#: <u>300918</u> ☒ 34°C +/- .2 Serial #: <u>SD3967</u> ☒ 34°C +/- .2 Serial #: <u>SD3968</u> ☒ 34°C +/- .2 Serial #: <u>SD3969</u>
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Calibration Adjustment Performed By <u>MLL</u> ☐ Calibration Adjustment N/A ☒ Calibration Adjustment Complete Barometric Pressure Gauge <u>1012</u> ID # <u>68639</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>2235</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td>2236</td> <td>16320</td> <td>10/21/2018</td> </tr> <tr> <td>0.100</td> <td>2237</td> <td>17060</td> <td>02/14/2019</td> </tr> <tr> <td>0.200</td> <td>2238</td> <td>17090</td> <td>02/24/2019</td> </tr> <tr> <td>0.300</td> <td>2239</td> <td>16410</td> <td>12/19/2018</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>34416080A2</td> <td>02/05/2019</td> </tr> </tbody> </table> ☒ Post Calibration Adjustment Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>SD3967</td> <td>201603D</td> <td>03/08/2018</td> </tr> <tr> <td>0.08</td> <td>SD3968</td> <td>201611B</td> <td>11/15/2018</td> </tr> <tr> <td>0.20</td> <td>SD3969</td> <td>201604C</td> <td>04/05/2018</td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td>AG626604</td> <td>09/22/2018</td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	2235	N/A	N/A	0.040	2236	16320	10/21/2018	0.100	2237	17060	02/14/2019	0.200	2238	17090	02/24/2019	0.300	2239	16410	12/19/2018	0.080 DGS	N/A	34416080A2	02/05/2019	Simulator	Serial Number	Lot Number	Expiration	0.05	SD3967	201603D	03/08/2018	0.08	SD3968	201611B	11/15/2018	0.20	SD3969	201604C	04/05/2018	0.08 DGS	N/A	AG626604	09/22/2018	Department Inspection Performed By <u>MLL</u> ☒ Barometric Pressure <u>1015</u> Gauge ID# <u>28663</u> <u>1013</u> Instrument Mouth Alcohol Solution Lot # <u>2016-A</u> Acetone Stock Solution Lot # <u>2016-B</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>SD3965</td> </tr> <tr> <td>Interferent</td> <td>SD3966</td> </tr> <tr> <td>0.05</td> <td>SD3967</td> </tr> <tr> <td>0.08</td> <td>SD3968</td> </tr> <tr> <td>0.20</td> <td>SD3969</td> </tr> </tbody> </table>	Simulator	Serial Number	0.00	SD3965	Interferent	SD3966	0.05	SD3967	0.08	SD3968	0.20	SD3969
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Notes/Suggested Service: Emailed Calibration adjusted to bring values closer to nominal Performed 2nd Cal Adjust to bring values within acceptable range. <u>PA/DC OK</u> <u>10/4/2017</u> <u>DELL</u> <u>10/4/17</u>	☒ 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
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Quality Control Review

Date 10/4/17

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-002232	Miami Beach Police Department	9/21/2017	<i>Dee</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
SN: SD3967 Temp: 34.06c 0.047 to 0.053 ☒	SN: SD3968 Temp: 34.00c 0.077 to 0.083 ☒	SN: SD3969 Temp: 34.05c 0.194 to 0.206 ☒	Lot AG626604 0.077 to 0.083 ☒																																																																																																																																																
MIAMI BEACH PD Intoxilyzer - Alconol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>06:36</td></tr><tr><td>Control Test</td><td>0.047</td><td>06:36</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:37</td></tr><tr><td>Control Test</td><td>0.047</td><td>06:38</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:38</td></tr><tr><td>Control Test</td><td>0.048</td><td>06:39</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:39</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0473</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.2198</td><td></td></tr></table> Operator's Signature <i>Dee</i>	Test	g/210L	Time	Air Blank	0.000	06:36	Control Test	0.047	06:36	Air Blank	0.000	06:37	Control Test	0.047	06:38	Air Blank	0.000	06:38	Control Test	0.048	06:39	Air Blank	0.000	06:39	Control Test Stats			Average	0.0473		Std Dev	0.0006		Rel Std Dev(%)	1.2198		MIAMI BEACH PD Intoxilyzer - Alconol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>06:40</td></tr><tr><td>Control Test</td><td>0.079</td><td>06:41</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:41</td></tr><tr><td>Control Test</td><td>0.079</td><td>06:42</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:43</td></tr><tr><td>Control Test</td><td>0.079</td><td>06:43</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:44</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0790</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></table> Operator's Signature <i>Dee</i>	Test	g/210L	Time	Air Blank	0.000	06:40	Control Test	0.079	06:41	Air Blank	0.000	06:41	Control Test	0.079	06:42	Air Blank	0.000	06:43	Control Test	0.079	06:43	Air Blank	0.000	06:44	Control Test Stats			Average	0.0790		Std Dev	0.0000		Rel Std Dev(%)	0.0000		MIAMI BEACH PD Intoxilyzer - Alconol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>06:45</td></tr><tr><td>Control Test</td><td>0.193</td><td>06:46</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:46</td></tr><tr><td>Control Test</td><td>0.193</td><td>06:47</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:47</td></tr><tr><td>Control Test</td><td>0.193</td><td>06:48</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:49</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1930</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></table> Operator's Signature <i>Dee</i>	Test	g/210L	Time	Air Blank	0.000	06:45	Control Test	0.193	06:46	Air Blank	0.000	06:46	Control Test	0.193	06:47	Air Blank	0.000	06:47	Control Test	0.193	06:48	Air Blank	0.000	06:49	Control Test Stats			Average	0.1930		Std Dev	0.0000		Rel Std Dev(%)	0.0000		MIAMI BEACH PD Intoxilyzer - Alconol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>06:50</td></tr><tr><td>Control Test</td><td>0.079</td><td>06:50</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:51</td></tr><tr><td>Control Test</td><td>0.080</td><td>06:51</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:51</td></tr><tr><td>Control Test</td><td>0.080</td><td>06:52</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:52</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0797</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7247</td><td></td></tr></table> Operator's Signature <i>Dee</i>	Test	g/210L	Time	Air Blank	0.000	06:50	Control Test	0.079	06:50	Air Blank	0.000	06:51	Control Test	0.080	06:51	Air Blank	0.000	06:51	Control Test	0.080	06:52	Air Blank	0.000	06:52	Control Test Stats			Average	0.0797		Std Dev	0.0006		Rel Std Dev(%)	0.7247	
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MIAMI BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000
09/21/2017
SN 80-002232
07:49:44

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.4080 (0.0080)
Sample #2 = 1.4170 (0.0020)
Sample #3 = 1.4340 (0.0070)
Sample #4 = 1.4420 (0.0040)
Avg % Abs = 1.4310 (0.0043)
STD DEV = 0.0128 (0.0025)
REL STD DEV = 0.892 (58.076)

Auto Calibration
Max Power Res Value = 91
Auto Range Res Value = 85

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12610, Sum Io = 13523
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.0340 (-0.0190)
Sample #2 = 0.0420 (-0.0110)
Sample #3 = 0.0300 (0.0170)
Sample #4 = 0.0620 (0.0060)
Avg % Abs = 0.0447 (0.0040)
STD DEV = 0.0162 (0.0141)
REL STD DEV = 36.192 (352.668)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.0710 (-0.0270)
Sample #2 = 0.0680 (-0.0240)
Sample #3 = 0.0870 (-0.0290)
Sample #4 = 0.0840 (-0.0230)
Avg % Abs = 0.0797 (-0.0253)
STD DEV = 0.0102 (0.0032)
REL STD DEV = 12.821 (12.689)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12604, Sum Io = 13525
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.7370 (-0.0080)
Sample #2 = 0.7310 (-0.0080)
Sample #3 = 0.7350 (0.0020)
Sample #4 = 0.7270 (0.0020)
Avg % Abs = 0.7310 (-0.0013)
STD DEV = 0.0040 (0.0058)
REL STD DEV = 0.547 (433.013)

10/4/17

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 6.6200 (-0.0060)
Sample #2 = 6.5880 (-0.0160)
Sample #3 = 6.5870 (0.0030)
Sample #4 = 6.6160 (0.0000)
Avg % Abs = 6.5970 (-0.0043)
STD DEV = 0.0165 (0.0102)
REL STD DEV = 0.250 (235.716)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12594, Sum Io = 13519
***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 5.0910 (-0.0210)
Sample #2 = 5.1130 (-0.0060)
Sample #3 = 5.1010 (0.0010)
Sample #4 = 5.1190 (0.0100)
Avg % Abs = 5.1110 (0.0010)
STD DEV = 0.0092 (0.0090)
REL STD DEV = 0.179 (900.000)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 9.6100 (-0.0120)
Sample #2 = 9.6160 (0.0140)
Sample #3 = 9.6630 (-0.0030)
Sample #4 = 9.6990 (-0.0020)
Avg % Abs = 9.6593 (0.0030)
STD DEV = 0.0416 (0.0095)
REL STD DEV = 0.431 (317.980)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12600, Sum Io = 13520

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.4810 (-0.0130)
Sample #2 = 3.4540 (0.0060)
Sample #3 = 3.4550 (0.0180)
Sample #4 = 3.4660 (0.0260)
Avg % Abs = 3.4583 (0.0167)
STD DEV = 0.0067 (0.0101)
REL STD DEV = 0.193 (60.399)

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.045
Std Dev = 0.02 Rel Std Dev = 36.19
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.731
Std Dev = 0.00 Rel Std Dev = 0.55
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.807
Std Dev = 0.01 Rel Std Dev = 0.44
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.458
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.111
Std Dev = 0.01 Rel Std Dev = 0.18
Zero Order Coef = -110.31
First Order Coef = 2680.56
Second Order Coef = 27.07
Standard Deviation = 42.167835

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.080
Std Dev = 0.01 Rel Std Dev = 12.82
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.431
Std Dev = 0.01 Rel Std Dev = 0.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.489
Std Dev = 0.00 Rel Std Dev = 0.12
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.597
Std Dev = 0.02 Rel Std Dev = 0.25
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.659
Std Dev = 0.04 Rel Std Dev = 0.43
Zero Order Coef = -108.50
First Order Coef = 1369.03
Second Order Coef = 12.70
Standard Deviation = 41.693554

***** CHANNEL 1 *****
Sample #1 = 3545.00
Sample #2 = 3565.00
Sample #3 = 3542.00
Sample #4 = 3550.00
Average Result = 3552.3333
STD DEV = 11.6762
REL STD DEV = 0.329
***** CHANNEL 2 *****
Sample #1 = 3545.00
Sample #2 = 3565.00
Sample #3 = 3542.00
Sample #4 = 3550.00
Average Result = 3552.3333
STD DEV = 11.6762
REL STD DEV = 0.329
***** CHANNEL 1 *****
Dry Gas H2O Adjust Results *****
Barometric Pressure = 10.12
3 um H2O Adjust (mg/l*10,000) = 332
9 um H2O Adjust (mg/l*10,000) = 257
***** AUTO CAL PASS *****

2000

Optical Calibration Continued
SN: 80-002232
Agency: Miami Beach PD
Date: 9/21/2017
Quadratic Fit: +/-0.002g/210L
By: *[Signature]*

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L
0.000 0.000 -0.0000
0.040 0.039 0.0006
0.100 0.101 -0.0013
0.200 0.199 0.0010
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 = 3496.00
Sample #2 = 3524.00
Sample #3 = 3469.00
Sample #4 = 3439.00
Average Result = 3477.3333
STD DEV = 43.1084
REL STD DEV = 1.240
***** CHANNEL 2 *****
Sample #1 = 3545.00
Sample #2 = 3565.00
Sample #3 = 3542.00
Sample #4 = 3550.00
Average Result = 3552.3333
STD DEV = 11.6762
REL STD DEV = 0.329
***** CHANNEL 1 *****
Dry Gas H2O Adjust Results *****
Barometric Pressure = 10.12
3 um H2O Adjust (mg/l*10,000) = 332
9 um H2O Adjust (mg/l*10,000) = 257
***** AUTO CAL PASS *****

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-002232	Miami Beach Police Department	9/21/2017	<i>SKL</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
SN: SD3967 Temp: 34.06c	SN: SD3967 Temp: 34.00c	SN: SD3969 Temp: 34.05c	AG626604																																																																																																																																																
0.047 to 0.053 ☒	0.077 to 0.083 ☒	0.194 to 0.206 ☒	0.077 to 0.083 ☒																																																																																																																																																
MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:38</td></tr><tr><td>Control Test</td><td>0.050</td><td>08:38</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:39</td></tr><tr><td>Control Test</td><td>0.050</td><td>08:40</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:40</td></tr><tr><td>Control Test</td><td>0.051</td><td>08:41</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:41</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0503</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1471</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	08:38	Control Test	0.050	08:38	Air Blank	0.000	08:39	Control Test	0.050	08:40	Air Blank	0.000	08:40	Control Test	0.051	08:41	Air Blank	0.000	08:41	Control Test Stats			Average	0.0503		Std Dev	0.0006		Rel Std Dev(%)	1.1471		MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:42</td></tr><tr><td>Control Test</td><td>0.083</td><td>08:43</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:44</td></tr><tr><td>Control Test</td><td>0.083</td><td>08:44</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:45</td></tr><tr><td>Control Test</td><td>0.083</td><td>08:46</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:46</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0830</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	08:42	Control Test	0.083	08:43	Air Blank	0.000	08:44	Control Test	0.083	08:44	Air Blank	0.000	08:45	Control Test	0.083	08:46	Air Blank	0.000	08:46	Control Test Stats			Average	0.0830		Std Dev	0.0000		Rel Std Dev(%)	0.0000		MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:47</td></tr><tr><td>Control Test</td><td>0.198</td><td>08:48</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:48</td></tr><tr><td>Control Test</td><td>0.199</td><td>08:49</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:50</td></tr><tr><td>Control Test</td><td>0.199</td><td>08:50</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:51</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1987</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2906</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	08:47	Control Test	0.198	08:48	Air Blank	0.000	08:48	Control Test	0.199	08:49	Air Blank	0.000	08:50	Control Test	0.199	08:50	Air Blank	0.000	08:51	Control Test Stats			Average	0.1987		Std Dev	0.0006		Rel Std Dev(%)	0.2906		MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:52</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:52</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:53</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:53</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:53</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:54</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:54</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0790</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	08:52	Control Test	0.079	08:52	Air Blank	0.000	08:53	Control Test	0.079	08:53	Air Blank	0.000	08:53	Control Test	0.079	08:54	Air Blank	0.000	08:54	Control Test Stats			Average	0.0790		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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10/4/17
SKL

SKL

MIAMI BEACH PD

Intoxilyzer - Alconol Analyzer

Model 8000

SN 80-002232

09/21/2017

08:57:53

Auto Calibration

Max Power Res Value = 89

Auto Range Res Value = 86

Sol Value = 0.000 g/210L ***

Fit Value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12684, Sum Io = 13548

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0550 (-0.0190)

Sample #2 = 0.0400 (-0.0090)

Sample #3 = 0.0520 (-0.0030)

Sample #4 = 0.0470 (-0.0100)

Avg % Abs = 0.0463 (-0.0007)

STD DEV = 0.0060 (-0.0097)

REL STD DEV = 13.009 (1456.880)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0820 (-0.0120)

Sample #2 = 0.1040 (-0.0190)

Sample #3 = 0.0910 (-0.0300)

Sample #4 = 0.0900 (-0.0170)

Avg % Abs = 0.0950 (-0.0220)

STD DEV = 0.0078 (-0.0070)

REL STD DEV = 8.221 (31.818)

Sol Value = 0.040 g/210L ***

Fit Value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12681, Sum Io = 13551

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 0.7550 (-0.0120)

Sample #2 = 0.7490 (-0.0000)

Sample #3 = 0.7680 (-0.0110)

Sample #4 = 0.7560 (-0.0080)

Avg % Abs = 0.7577 (-0.0010)

STD DEV = 0.0096 (-0.0095)

REL STD DEV = 1.268 (953.935)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 1.4430 (-0.0030)

Sample #2 = 1.4610 (-0.0000)

Sample #3 = 1.4780 (-0.0030)

Sample #4 = 1.4860 (-0.0060)

Avg % Abs = 1.4750 (-0.0030)

STD DEV = 0.0128 (-0.0030)

REL STD DEV = 0.866 (100.000)

Sol Value = 0.100 g/210L ***

Fit Value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12679, Sum Io = 13548

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 1.8200 (-0.0250)

Sample #2 = 1.8160 (-0.0100)

Sample #3 = 1.8120 (-0.0040)

Sample #4 = 1.8170 (-0.0010)

Avg % Abs = 1.8150 (-0.0023)

STD DEV = 0.0026 (-0.0071)

REL STD DEV = 0.146 (304.054)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 3.5140 (-0.0290)

Sample #2 = 3.5230 (-0.0130)

Sample #3 = 3.5080 (-0.0050)

Sample #4 = 3.5380 (-0.0250)

Avg % Abs = 3.5230 (-0.0110)

STD DEV = 0.0150 (-0.0151)

REL STD DEV = 0.426 (137.270)

Sol Value = 0.200 g/210L ***

Fit Value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12678, Sum Io = 13547

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 3.5100 (-0.0160)

Sample #2 = 3.4910 (-0.0030)

Sample #3 = 3.4660 (-0.0060)

Sample #4 = 3.4840 (-0.0150)

Avg % Abs = 3.4770 (-0.0060)

STD DEV = 0.0096 (-0.0090)

REL STD DEV = 0.277 (150.000)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 6.6920 (-0.0170)

Sample #2 = 6.6680 (-0.0060)

Sample #3 = 6.6510 (-0.0080)

Sample #4 = 6.6400 (-0.0150)

Avg % Abs = 6.6530 (-0.0033)

STD DEV = 0.0141 (-0.0127)

REL STD DEV = 0.212 (3822.306)

Sol Value = 0.300 g/210L ***

Fit Value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12675, Sum Io = 13545

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 5.0980 (-0.0080)

Sample #2 = 5.1180 (-0.0060)

Sample #3 = 5.1360 (-0.0000)

Sample #4 = 5.1310 (-0.0030)

Avg % Abs = 5.1283 (-0.0030)

STD DEV = 0.0093 (-0.0030)

REL STD DEV = 0.181 (100.000)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 9.6410 (-0.0070)

Sample #2 = 9.6930 (-0.0070)

Sample #3 = 9.7320 (-0.0050)

Sample #4 = 9.7030 (-0.0120)

Avg % Abs = 9.7093 (-0.0033)

STD DEV = 0.0203 (-0.0096)

REL STD DEV = 0.209 (288.271)

**** AUTO CAL DATA ****

**** CHANNEL 1 ****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.046

Std Dev = 0.01 Rel Std Dev = 13.01

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.758

Std Dev = 0.01 Rel Std Dev = 1.27

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.815

Std Dev = 0.00 Rel Std Dev = 0.15

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.477

Std Dev = 0.01 Rel Std Dev = 0.28

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.128

Std Dev = 0.01 Rel Std Dev = 0.18

Zero Order Coef = -134.16

First Order Coef = 2666.24

Second Order Coef = 28.87

Standard Deviation = 28.375010

**** CHANNEL 2 ****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.095

Std Dev = 0.01 Rel Std Dev = 8.22

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.475

Std Dev = 0.01 Rel Std Dev = 0.87

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.523

Std Dev = 0.02 Rel Std Dev = 0.43

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.653

Std Dev = 0.01 Rel Std Dev = 0.21

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.709

Std Dev = 0.02 Rel Std Dev = 0.21

Zero Order Coef = -135.47

First Order Coef = 1355.66

Second Order Coef = 13.50

Standard Deviation = 32.815369

Optical Calibration 2nd

SN: 80-002232

Agency: Miami Beach PD

Date: 9/21/2017

Quadratic Fit: +/-0.002g/210L

By: *[Signature]*

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.000
0.040 0.040 0.0002
0.100 0.101 -0.0010
0.200 0.199 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 = 3430.00
Sample #2 = 3403.00
Sample #3 = 3388.00
Sample #4 = 3370.00
Average Result = 3387.0000
STD DEV = 16.5227
REL STD DEV = 0.486

**** CHANNEL 2 ****
Sample #1 = 3503.00
Sample #2 = 3480.00
Sample #3 = 3476.00
Sample #4 = 3449.00
Average Result = 3468.3333
STD DEV = 16.8622
REL STD DEV = 0.486

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 422
9 um H2O Adjust (mg/l*10,000) = 341
**** AUTO CAL PASS

pgm

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0002
0.040 0.040 0.0000
0.100 0.101 -0.0008
0.200 0.199 0.0008
0.300 0.300 -0.0003

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities 2	80-002232	Miami Beach Police Department	9/21/2017	<i>ML</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.06c	SN: SD3967 Temp: 34.00c	SN: SD3969 Temp: 34.05c	AG626604
0.047 to 0.053 ☒	0.077 to 0.083 ☒	0.194 to 0.206 ☒	0.077 to 0.083 ☒
MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:40 Control Test 0.048 09:41 Air Blank 0.000 09:41 Control Test 0.049 09:42 Air Blank 0.000 09:43 Control Test 0.049 09:43 Air Blank 0.000 09:44 Control Test Stats Average 0.0487 Std Dev 0.0006 Rel Std Dev(%) 1.1863 Operator's Signature <i>ML</i>	MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:45 Control Test 0.082 09:45 Air Blank 0.000 09:46 Control Test 0.081 09:47 Air Blank 0.000 09:47 Control Test 0.081 09:48 Air Blank 0.000 09:48 Control Test Stats Average 0.0813 Std Dev 0.0006 Rel Std Dev(%) 0.7099 Operator's Signature <i>ML</i>	MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:50 Control Test 0.197 09:50 Air Blank 0.000 09:51 Control Test 0.198 09:51 Air Blank 0.000 09:52 Control Test 0.198 09:53 Air Blank 0.000 09:53 Control Test Stats Average 0.1977 Std Dev 0.0006 Rel Std Dev(%) 0.2921 Operator's Signature <i>ML</i>	MIAMI BEACH PD Intoxilyzer - Alcohol Analyzer Model 8000 09/21/2017 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:54 Control Test 0.078 09:54 Air Blank 0.000 09:55 Control Test 0.079 09:55 Air Blank 0.000 09:56 Control Test 0.079 09:56 Air Blank 0.000 09:57 Control Test Stats Average 0.0787 Std Dev 0.0006 Rel Std Dev(%) 0.7339 Operator's Signature <i>ML</i>

ML

10/4/17
JD