

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007008 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007008</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>04/18/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>09:38</u>	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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

04/18/2022

Date

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 09:38

Date of Inspection: 04/18/2022

Serial Number: 80-007008
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG115904 Exp: 06/08/2023
0.000	0.048	0.078	0.200	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.047	0.078	0.199	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.077	0.200	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.048	0.078	0.200	0.079
0.000	0.048	0.077	0.200	0.079
0.000	0.048	0.078	0.201	0.079

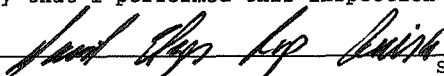
Standard Deviations	0.0003	0.0004	0.0005	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) 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.

 DAVID E REYES-RIVERA
Signature and Printed Name

04/18/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007008	Broward County Sheriff's Office	4/18/2022	DERR <i>[Signature]</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/18/2022 Software: 8100.27 SN 80-007008</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:32</td></tr><tr><td>Control Test</td><td>0.048</td><td>07:33</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:33</td></tr><tr><td>Control Test</td><td>0.048</td><td>07:34</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:34</td></tr><tr><td>Control Test</td><td>0.048</td><td>07:35</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:35</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0480</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	07:32	Control Test	0.048	07:33	Air Blank	0.000	07:33	Control Test	0.048	07:34	Air Blank	0.000	07:34	Control Test	0.048	07:35	Air Blank	0.000	07:35	Control Test Stats			Average	0.0480		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/18/2022 Software: 8100.27 SN 80-007008</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:37</td></tr><tr><td>Control Test</td><td>0.077</td><td>07:37</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:38</td></tr><tr><td>Control Test</td><td>0.078</td><td>07:38</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:39</td></tr><tr><td>Control Test</td><td>0.078</td><td>07:40</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:40</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0777</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7434</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	07:37	Control Test	0.077	07:37	Air Blank	0.000	07:38	Control Test	0.078	07:38	Air Blank	0.000	07:39	Control Test	0.078	07:40	Air Blank	0.000	07:40	Control Test Stats			Average	0.0777		Std Dev	0.0006		Rel Std Dev(%)	0.7434		<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/18/2022 Software: 8100.27 SN 80-007008</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:41</td></tr><tr><td>Control Test</td><td>0.199</td><td>07:42</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:42</td></tr><tr><td>Control Test</td><td>0.199</td><td>07:43</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:44</td></tr><tr><td>Control Test</td><td>0.199</td><td>07:44</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:45</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1990</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	07:41	Control Test	0.199	07:42	Air Blank	0.000	07:42	Control Test	0.199	07:43	Air Blank	0.000	07:44	Control Test	0.199	07:44	Air Blank	0.000	07:45	Control Test Stats			Average	0.1990		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<div>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/18/2022 Software: 8100.27 SN 80-007008</div> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>07:46</td></tr><tr><td>Control Test</td><td>0.079</td><td>07:46</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:47</td></tr><tr><td>Control Test</td><td>0.079</td><td>07:47</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:48</td></tr><tr><td>Control Test</td><td>0.079</td><td>07:48</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:48</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	07:46	Control Test	0.079	07:46	Air Blank	0.000	07:47	Control Test	0.079	07:47	Air Blank	0.000	07:48	Control Test	0.079	07:48	Air Blank	0.000	07:48	Control Test Stats			Average	0.0790		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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Return Material Authorization

Ship to:

☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Anaya Frazier _____ on 2/18/2021

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-007008

Bill To Address:

Broward County Sheriff's Office

200 NW 27TH AVE DUI BAT UNIT FT.
LAUDERDALE, FL 33311

Ship to Address:

FDLE FMROC

4700 Terminal Drive Suite 1

Ft. Myers, FL 33907

Reason for Return:

Instrument has a flow resting value of 76 will be sent to CMI for repair

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to \$_____.

☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Anaya Frazier _____

Phone #: 954 321-4849 _____ Email: Brittany_Armstrong@sheriff.org _____

ATP Contact Name: David Reyes ATP Email: davidreyes@fdle.state.fl.us



INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriff's Office

S/N 80-007008

Florida Department of
Law Enforcement

Date In 10/13/2022 DI Completion Date 10/17/2022

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake By <u>DERR</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: Instrument came with a note "Printer Port Inside". DERR 	Quality Checks By <u>DERR</u> Date <u>10/17/2022</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>178</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.179</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>MP6286</td> <td>202201C 01/11/2024</td> </tr> <tr> <td>0.080</td> <td>MP6287</td> <td>202201D 01/18/2024</td> </tr> <tr> <td>0.200</td> <td>MP6288</td> <td>202201E 01/18/2024</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>00521080A2 02/05/2023</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP6286	202201C 01/11/2024	0.080	MP6287	202201D 01/18/2024	0.200	MP6288	202201E 01/18/2024	0.080 DGS	N/A	00521080A2 02/05/2023	Flow Calibration By _____ Date _____ Flow Column # _____ <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 # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547) Maintenance By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ 																																												
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Alcohol Testing Program
4700 Terminal Drive, Suite 1
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Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/17/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:32</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

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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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

10/17/2022

Date


DAVID E REYES-RIVERA,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 10:32

Date of Inspection: 10/17/2022

Serial Number: 80-007008
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:00521080A2 Exp: 02/05/2023
0.000	0.048	0.077	0.200	0.080
0.000	0.048	0.077	0.200	0.079
0.000	0.048	0.077	0.200	0.080
0.000	0.048	0.078	0.199	0.080
0.000	0.048	0.078	0.200	0.079
0.000	0.048	0.077	0.200	0.079
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.077	0.200	0.080
0.000	0.048	0.078	0.199	0.080
0.000	0.048	0.078	0.200	0.079


Standard Deviations	0.0004	0.0005	0.0004	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:





The above instrument complies (☒) 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.

 DAVID E REYES-RIVERA
Signature and Printed Name

10/17/2022
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007008	Broward County Sheriff's Office	10/17/2022	DERR <i>[Signature]</i>

0.05g/210L 0.047 to 0.053 <input checked="" type="checkbox"/>	0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>	0.20g/210L 0.194 to 0.206 <input checked="" type="checkbox"/>	DGS 0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
<p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007008 10/17/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:17</td></tr><tr><td>Control Test</td><td>0.048</td><td>08:18</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:18</td></tr><tr><td>Control Test</td><td>0.048</td><td>08:19</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:20</td></tr><tr><td>Control Test</td><td>0.049</td><td>08:20</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:21</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.0483</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1945</td><td></td></tr></table> <p> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	08:17	Control Test	0.048	08:18	Air Blank	0.000	08:18	Control Test	0.048	08:19	Air Blank	0.000	08:20	Control Test	0.049	08:20	Air Blank	0.000	08:21	Control Test Stats			Average	0.0483		Std Dev	0.0006		Rel Std Dev(%)	1.1945		<p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007008 10/17/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:22</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:23</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:23</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:24</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:25</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:25</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:26</td></tr><tr><td colspan="3">Control Test Stats</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> <p> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	08:22	Control Test	0.079	08:23	Air Blank	0.000	08:23	Control Test	0.079	08:24	Air Blank	0.000	08:25	Control Test	0.079	08:25	Air Blank	0.000	08:26	Control Test Stats			Average	0.0790		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007008 10/17/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:27</td></tr><tr><td>Control Test</td><td>0.201</td><td>08:28</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:28</td></tr><tr><td>Control Test</td><td>0.200</td><td>08:29</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:29</td></tr><tr><td>Control Test</td><td>0.200</td><td>08:30</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:31</td></tr><tr><td colspan="3">Control Test Stats</td></tr><tr><td>Average</td><td>0.2003</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2882</td><td></td></tr></table> <p> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	08:27	Control Test	0.201	08:28	Air Blank	0.000	08:28	Control Test	0.200	08:29	Air Blank	0.000	08:29	Control Test	0.200	08:30	Air Blank	0.000	08:31	Control Test Stats			Average	0.2003		Std Dev	0.0006		Rel Std Dev(%)	0.2882		<p>BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007008 10/17/2022 Software: 8100.27</p> <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>08:31</td></tr><tr><td>Control Test</td><td>0.079</td><td>08:32</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:32</td></tr><tr><td>Control Test</td><td>0.080</td><td>08:33</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:33</td></tr><tr><td>Control Test</td><td>0.080</td><td>08:33</td></tr><tr><td>Air Blank</td><td>0.000</td><td>08:34</td></tr><tr><td colspan="3">Control Test Stats</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> <p> Operator's Signature</p>	Test	g/210L	Time	Air Blank	0.000	08:31	Control Test	0.079	08:32	Air Blank	0.000	08:32	Control Test	0.080	08:33	Air Blank	0.000	08:33	Control Test	0.080	08:33	Air Blank	0.000	08:34	Control Test Stats			Average	0.0797		Std Dev	0.0006		Rel Std Dev(%)	0.7247	
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