



788
6-10-05
Office use only

WASHINGTON STATE TOXICOLOGY TEST SECTION DATAMASTER QUALITY ASSURANCE PROCEDURE

Instrument Serial Number # 949226

Date 6/1/2005

A. Electrical Checks: within tolerance

C. Simulator Ethanol Tests (Guth Simulator)

	Conc.	<u>0.04</u>	<u>0.08</u>	<u>0.10</u>	<u>0.15</u>
1. <input checked="" type="checkbox"/>	St. Ref. Value	<u>0.0398</u>	<u>0.0829</u>	<u>0.1046</u>	<u>0.1506</u>
	Solution Batch #	<u>05011</u>	<u>05008</u>	<u>05004</u>	<u>05014</u>
2.a) <input checked="" type="checkbox"/>	Simulator #	<u>G2109</u>	<u>G2234</u>	<u>G2434</u>	<u>G1821</u>
2.b) <input checked="" type="checkbox"/>	Simulator Thermometer #	<u>C20001701</u>	<u>B20001123</u>	<u>20041127</u>	<u>D20034651</u>
	Calibration	<u>0.038</u>	<u>0.082</u>	<u>0.102</u>	<u>0.146</u>
	Water				
3. <input checked="" type="checkbox"/>	Simulator #	<u>G2275</u>	<u>0.038</u>	<u>0.083</u>	<u>0.102</u>
4. <input checked="" type="checkbox"/>	Simulator Thermometer	<u>C20001717</u>	<u>0.039</u>	<u>0.083</u>	<u>0.103</u>
5. <input checked="" type="checkbox"/>	Ethanol Batch #	<u>05008</u>	<u>0.038</u>	<u>0.083</u>	<u>0.102</u>
	Simulator #	<u>G2234</u>	<u>0.039</u>	<u>0.083</u>	<u>0.103</u>
	Simulator Thermometer #	<u>B20001123</u>	<u>0.038</u>	<u>0.083</u>	<u>0.102</u>
<input checked="" type="checkbox"/>	Calibration		<u>0.083</u>	<u>0.102</u>	<u>0.145</u>
<input checked="" type="checkbox"/>	Sim. Temp:34 (+/- .2)c	<u>0.039</u>	<u>0.083</u>	<u>0.102</u>	<u>0.145</u>
<input checked="" type="checkbox"/>	Accurate (+/- 5.00%)	<u>0.038</u>	<u>0.083</u>	<u>0.103</u>	<u>0.146</u>
<input checked="" type="checkbox"/>	Precise (+/- 3.00%)	<u>0.039</u>	<u>0.083</u>	<u>0.101</u>	<u>0.146</u>
<input checked="" type="checkbox"/>	Complete Breath Test	<u>0.039</u>	<u>0.083</u>	<u>0.102</u>	<u>0.147</u>
<input checked="" type="checkbox"/>	Interferant Test		<u>0.083</u>	<u>0.102</u>	<u>0.147</u>
Acetone	Ethanol Batch #	<u>05012</u>	Mean <u>0.0385</u>	<u>0.0829</u>	<u>0.1022</u>
	Simulator #	<u>G1703</u>	SD <u>0.0005</u>	<u>0.0003</u>	<u>0.0006</u>
	Simulator Thermometer #	<u>C20001730</u>	Accuracy % <u>-3.27</u>	<u>0.00</u>	<u>-2.29</u>
<input checked="" type="checkbox"/>	Filter Error		CV % <u>1.30</u>	<u>0.36</u>	<u>0.59</u>
<input checked="" type="checkbox"/>	Mouth Alcohol Test			<u>0.59</u>	<u>0.48</u>
<input checked="" type="checkbox"/>	RFI Test				
<input checked="" type="checkbox"/>	Diagnostic Test				

A check mark indicates successful completion of the test, or compliance with Datamaster Quality Assurance Protocol. I swear under penalty of perjury that in regards to the above listed instrument, I have complied with the DataMaster Quality Assurance Procedure approved by the Washington State Toxicologist.

Doug Jones

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481.BTS