



Office use only
7-23-07

WASHINGTON STATE TOXICOLOGY TEST SECTION DATAMASTER QUALITY ASSURANCE PROCEDURE

Instrument Serial Number # 140046 Date 7/17/2007

A. Electrical Checks: within tolerance

C. Simulator Ethanol Tests (Guth Model 34C)

	Conc.	0.04	0.08	0.10	0.15
	St. Ref. Value	<u>0.0400</u>	<u>0.0799</u>	<u>0.1053</u>	<u>0.1520</u>
1. <input checked="" type="checkbox"/>	Solution Batch #	<u>06037</u>	<u>06038</u>	<u>06039</u>	<u>06040</u>
	Simulator #	<u>G2460</u>	<u>G1427</u>	<u>G5334</u>	<u>G1439</u>
2.a) <input checked="" type="checkbox"/>	Simulator Thermometer #	<u>A20012496</u>	<u>B951371</u>	<u>A20012498</u>	<u>U60106</u>
2.b) <input checked="" type="checkbox"/>		<u>0.040</u>	<u>0.082</u>	<u>0.106</u>	<u>0.153</u>
	Calibration				
	Water				
3. <input checked="" type="checkbox"/>	Simulator #	<u>G1308</u>	<u>0.041</u>	<u>0.082</u>	<u>0.107</u>
4. <input checked="" type="checkbox"/>	Simulator Thermometer	<u>A20012497</u>	<u>0.041</u>	<u>0.082</u>	<u>0.107</u>
5. <input checked="" type="checkbox"/>	Ethanol Batch #	<u>06038</u>	<u>0.041</u>	<u>0.082</u>	<u>0.107</u>
	Simulator #	<u>G1427</u>	<u>0.041</u>	<u>0.083</u>	<u>0.108</u>
	Simulator Thermometer #	<u>B951371</u>	<u>0.041</u>	<u>0.082</u>	<u>0.108</u>
<input checked="" type="checkbox"/>	Calibration		<u>0.041</u>	<u>0.082</u>	<u>0.108</u>
<input checked="" type="checkbox"/>	Sim. Temp:34 (+/-2)c		<u>0.041</u>	<u>0.082</u>	<u>0.107</u>
<input checked="" type="checkbox"/>	Accurate (+/- 5.00%)		<u>0.041</u>	<u>0.082</u>	<u>0.108</u>
<input checked="" type="checkbox"/>	Precise (+/-3.00%)		<u>0.041</u>	<u>0.082</u>	<u>0.108</u>
<input checked="" type="checkbox"/>	Complete Breath Test		<u>0.041</u>	<u>0.082</u>	<u>0.107</u>
<input checked="" type="checkbox"/>	Interferant Test		<u>0.041</u>	<u>0.082</u>	<u>0.107</u>
	Mean	<u>0.0409</u>	<u>0.0821</u>	<u>0.1073</u>	<u>0.1535</u>
Acetone	Ethanol Batch #	<u>06038</u>			
	Simulator #	<u>G1427</u>	SD	<u>0.0003</u>	<u>0.0007</u>
	Simulator Thermometer #	<u>B951371</u>	Accuracy %	<u>2.25</u>	<u>1.90</u>
<input checked="" type="checkbox"/>	Filter Error		CV %	<u>0.73</u>	<u>0.65</u>
<input checked="" type="checkbox"/>	Mouth Alcohol Test			<u>0.37</u>	<u>0.33</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.

Dale Johnson