

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEVIN DRENTON / ROD GULLBERG Date 9-28-07
Location TOX LAB SPATIAL Batch Number 07003

Form Review Criteria

Preparation date precedes all analysis dates: Okay Not Okay ___
Data entry corresponds to all chromatograms: Okay Not Okay ___
All signatures present: Okay Not Okay ___

Computations:


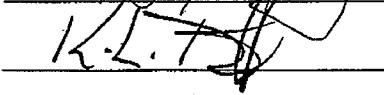
Avg. solution concentration: Correct Not Correct ___
Standard deviation: Correct Not Correct ___
Range: Correct Not Correct ___
Precision: Correct Not Correct ___
Equivalent vapor concent.: Correct Not Correct ___

External Control Information
(lot # and future date): Correct Not Correct ___

Complies with accuracy and precision requirements established by the
State Toxicologist: Yes No ___

Corrections Necessary:

Comments:

Reviewer Signature:  Date: 9-28-07
Reviewer Signature:  Date: 9/28/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
 WASHINGTON STATE PATROL
 2203 AIRPORT WAY S, SUITE 360
 SEATTLE, WASHINGTON 98134-2027
 (206) 262-6100 FAX (206) 262-6145

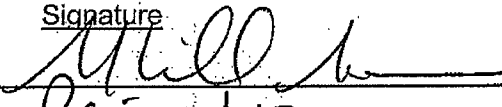
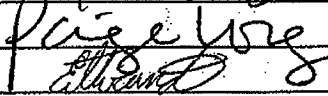
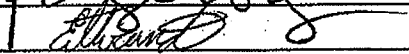
Preparation and certification of **0.08** g/210L Quality Assurance solution
 Batch number **07003** Date: 1/10/2007
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.100	0.097	0.100													
2	0.099	0.099	0.101													
3	0.100	0.099	0.100													
4	0.100	0.098	0.101													
5	0.101	0.099	0.101													
Ctrl	0.101	0.098	0.101													

External Control:
 Lot #: A041837 Exp date: 4/2010
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.0997 g/100 mL
 SD: 0.00118
 Range (3xSD): 0.0962 to 0.1032
 Precision CV (%): 1.1787 %

Equivalent vapor concent.: 0.0811 g/210L

Analyst	Name	Signature	Date
1	Sarah M. Swenson		01/11/2007
2	Paige Long		01/10/2007
3	Estuardo J. Miranda		01/10/2007
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Prepared by: Sarah M. Swenson according to the approved protocol

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Sarah M Swenson, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Chemistry and over three years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0997 grams per 100ml.

Dated: 5/4/2007
Seattle, WA

Sarah M Swenson
Forensic Toxicologist

SMS/jr
SMSQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

10/1/07



CHRISTINE O. GREGOIRE
Governor



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DATAMASTER QUALITY ASSURANCE SOLUTION
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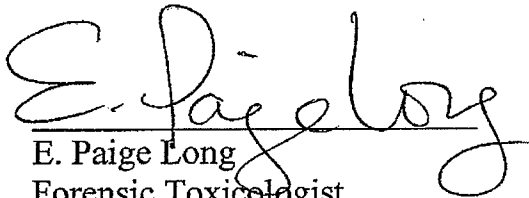
I, E. Paige Long, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

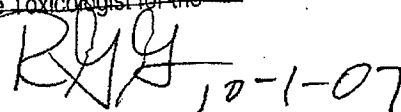
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Dated: 5/4/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
PLQA

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Estuardo J. Miranda, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: Bachelor of Science in Chemistry, Master of Science in Zoology and nine years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0997 grams per 100ml.

Dated: 5/4/2007
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.



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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Sarah Swenson, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Chemistry and over three years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 1/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.08 grams per 100ml.

Dated: 1/18/2007
Seattle, WA

Sarah Swenson
Forensic Toxicologist

SMS/jr
SSQA



CHRISTINE O. GREGOIRE
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JOHN R. BATISTE
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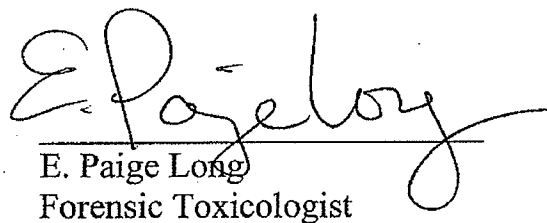
I, E. Paige Long, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

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Dated: 1/18/2007
Seattle, WA


E. Paige Long
Forensic Toxicologist

EPL/jr
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DATAMASTER QUALITY ASSURANCE SOLUTION
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I, Estuardo J. Miranda, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: Bachelor of Science in Chemistry, Master of Science in Zoology, eight years experience in biochemical research and eight years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 07003, was prepared in the Washington State Toxicology Laboratory on 01/10/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.08 grams per 100ml.

Dated: 01/18/2007
Seattle, WA

A handwritten signature in cursive script, appearing to read "Estuardo J. Miranda".

Estuardo J. Miranda
Forensic Toxicologist

EM/jr
EMQA



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SUBJECT: CORRECTION TO QUALITY ASSURANCE SOLUTION CERTIFICATES

DATE: May 4 2007

FROM: Ms. Ann Marie Gordon, Toxicology Laboratory Division

A handwritten signature in black ink, appearing to read "Ann Marie Gordon".

On January 18, 2007, Quality Assurance Solution Certifications were prepared and signed for batch numbers 07002, 07003, 07004 and 07005.

The mean solution concentration was incorrectly annotated for these solutions on the certification letters. The correct numbers are on the certification worksheets and the solutions were properly prepared in accordance with Standard Operating Procedure (SOP) and met all established criteria for acceptance.

This was an administrative error only, and in no way affects the legal or scientific supportability of the QA solutions. The original incorrect certification letters will be removed from the WEBDMS site and replaced with the corrected letters.

