

Washington State Toxicology Laboratory
Simulator Solution Data Entry Review Form

Reviewer KEN DENTON / ROD GUNBERG Date 9-27-07
Location STATE TOX LAB SEATTLE Batch Number 07020

Form Review Criteria

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

Computations:

Avg. solution concentration: Correct X Not Correct ___

Standard deviation: Correct X Not Correct ___

Range: Correct X Not Correct ___

Precision: Correct X Not Correct ___

Equivalent vapor concent.: Correct X Not Correct ___

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

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

Corrections Necessary:

DATE OF ANALYSIS PRECEDES DATE OF PREPARATION

Comments:

Reviewer Signature:  Date: 9-27-07

Reviewer Signature:  Date: 9/27/2007

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 7/11/07

Batch number: **07020**

Date: ~~7/12/2007~~ *BP 7-28-07*

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	0.096	0.096	0.096													
2	0.096	0.097	0.097													
3	0.096	0.097	0.097													
4	0.096	0.096	0.097													
5	0.096	0.097	0.097													
Ctrl	0.097	0.097	0.100													

External Control:

Lot #: A048730 Exp date: 3/2011

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0965 g/100 mL

SD: 0.00052

Range (3xSD): 0.0950 to 0.0980

Precision CV (%): 0.5351 %

Equivalent vapor concent.: 0.0785 g/210L

Analyst	Name	Signature	Date
1	Brianna Peterson	<i>Brianna Peterson</i>	07/11/2007
2	Brian Capron	<i>Brian Capron</i>	07/11/2007
3	Justin L Knoy	<i>Justin L Knoy</i>	07/11/2007
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Brianna Peterson according to the approved protocol

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Brianna Peterson, 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, MS degree in Forensic Science, Ph.D. degree in Toxicology, and two years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07020, was prepared in the Washington State Toxicology Laboratory on ~~7/12/2007~~^{7/11/2007} ~~BP~~^{BP} I examined and tested this solution. The mean concentration of the alcohol was 0.0965 grams per 100ml.

Dated: 7/13/2007
Seattle, WA

Brianna Peterson
Brianna Peterson
Forensic Toxicologist

BP/jr
BPQA

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.

Brianna Peterson 10/1/07



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION


I, Brian Capron, 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 nine years of experience in forensic toxicology.

The quality assurance solution, Lot Number 07020, was prepared in the Washington State Toxicology Laboratory on ⁷⁻¹¹⁻²⁰⁰⁷ ~~7/12/2007~~ ^{(BL) 10-1-07}. I examined and tested this solution. The mean concentration of the alcohol was 0.0965 grams per 100ml.

Dated: 7/13/2007
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/jr
BCQA

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



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Justin L. Knoy, do certify under penalty of perjury that:

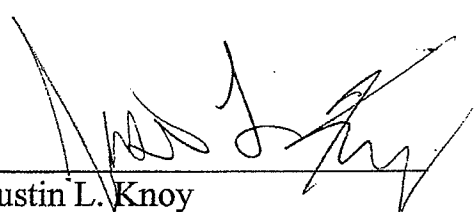
I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

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

7/11/07 JK 901107

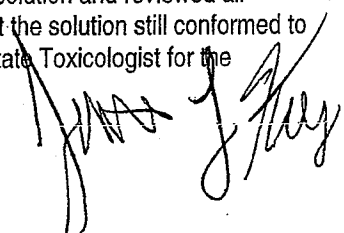
The quality assurance solution, Lot Number 07020, was prepared in the Washington State Toxicology Laboratory on ~~7/12/2007~~. I examined and tested this solution. The mean concentration of the alcohol was 0.0965 grams per 100ml.

Dated: 7/13/2007
Seattle, WA


Justin L. Knoy
Forensic Toxicologist

JLK/jr
JKQA

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.

 10/11/07

