



Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KENDRICK / TRAC GULLBERG Date 9-27-07  
Location TOX LAB SEATTLE Batch Number 07019

Form Review Criteria

Preparation date precedes all analysis dates: Okay \_\_\_ Not Okay X  
Data entry corresponds to all chromatograms: Okay \_\_\_ Not Okay X  
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:

DATES OF ANALYSIS PRECEDE DATE OF PREPARATION  
DATA ENTRY FOR BRIANNA AND BRITA HAVE BEEN  
REVERSED

Comments:

Reviewer Signature: [Signature] Date: 9-27-07  
Reviewer Signature: [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 **0.04** g/210L Quality Assurance solution

Batch number **07019**

Date: ~~7/12/2007~~

Preparation: 11.1 mL of absolute ethyl alcohol diluted to 18 Liters with water

7/11/07 BP  
9-28-07

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	0.048	0.047	0.049													
2	0.047	0.049	0.050													
3	0.047	0.047	0.049													
4	0.049	0.047	0.049													
5	0.049	0.048	0.049													
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.: 0.0483 g/100 mL  
 SD: 0.00103  
 Range (3xSD): 0.0452 to 0.0514  
 Precision CV (%): 2.1383 %

**Equivalent vapor concent.:** 0.0393 g/210L

Analyst	Name	Signature	Date
2	Brianna Peterson	<i>Brianna Peterson</i>	07/11/2007
1	Brian Capron	<i>Brian Capron</i>	07/11/2007
3	Justin L Knoy	<i>Justin L Knoy</i>	07/12/2007
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 07019, was prepared in the Washington State Toxicology Laboratory on <sup>3/18/07</sup>~~7/12/2007~~. I examined and tested this solution. The mean concentration of the alcohol was 0.0483 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 10/11/07



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

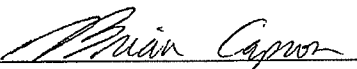
I, Brian Capron, do certify under penalty of perjury that:

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.

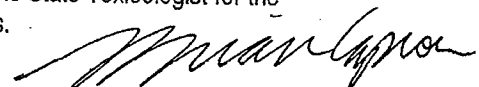
The quality assurance solution, Lot Number 07019, was prepared in the Washington State Toxicology Laboratory on <sup>7-11-07</sup>~~7/12/2007~~<sup>BC</sup> <sub>10-11-07</sub>. I examined and tested this solution. The mean concentration of the alcohol was 0.0483 grams per 100ml.

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 charges 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



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:

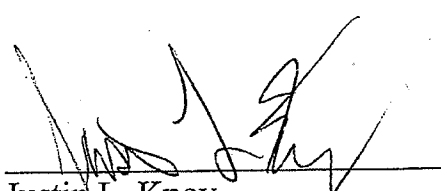
I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

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

7-11-07 JK 101107

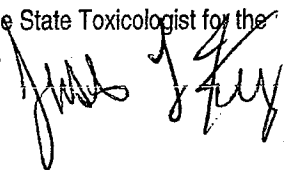
The quality assurance solution, Lot Number 07019, was prepared in the Washington State Toxicology Laboratory on 7/12/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0483 grams per 100ml.

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.

 101107

