

**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 **07020** Date: **7/12/2007**  
 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	0.096	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
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Prepared by: Brianna Peterson according to the approved protocol

CHRISTINE O. GREGOIRE  
Governor



JOHN R. BATISTE  
Chief

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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. 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



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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 7/12/2007. I examined and tested this solution. The mean concentration of the alcohol was 0.0965 grams per 100ml.

Dated: 7/13/2007  
Seattle, WA

  
\_\_\_\_\_  
Brian Capron  
Forensic Toxicologist

BC/jr  
BCQA



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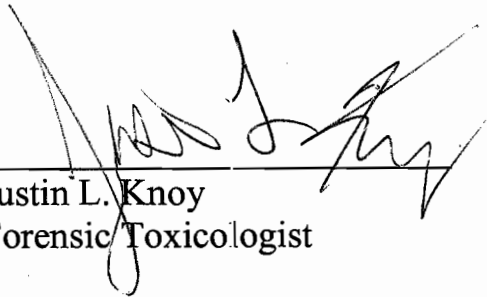
I, Justin L. Knoy, do certify under penalty of perjury that:

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.

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

