

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 **0.15** g/210L Quality Assurance solution
 Batch number **07022** Date: 7/12/2007
 Preparation: 42.3 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	0.185	0.184	0.191													
2	0.185	0.185	0.193													
3	0.184	0.186	0.189													
4	0.186	0.186	0.191													
5	0.185	0.184	0.191													
Ctrl	0.097	0.098	0.101													

External Control:

Lot #: A048730 Exp date: 3/2011
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1870 g/100 mL
 SD: 0.00309
 Range (3xSD): 0.1777 to 0.1963
 Precision CV (%): 1.6544 %

Equivalent vapor concent.: 0.1520 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
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 07022, 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 0.1870 grams per 100ml.

Dated: 7/13/2007
Seattle, WA

Brianna Peterson
Brianna Peterson
Forensic Toxicologist

BP/jr
BPQA



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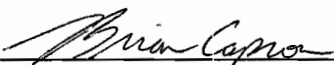
I, Brian Capron, do certify under penalty of perjury that:

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 07022, 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 0.1870 grams per 100ml.

Dated: 7/13/2007
Seattle, WA



Brian Capron
Forensic Toxicologist

BC/jr
BCQA

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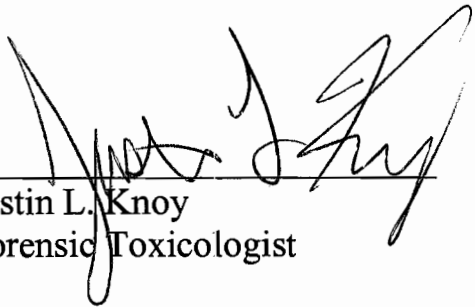
I, Justin L. Knoy, do certify under penalty of perjury that:

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 07022, 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 0.1870 grams per 100ml.

Dated: 7/13/2007
Seattle, WA


Justin L. Knoy
Forensic Toxicologist

JLK/jr
JKQA