

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
 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
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>	07/12/2007
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6.16MT CASE NO: C669127
 Swanson V. _____
 C 677578 DEPT./PETR. EXH. NO. _____
 DEFT./RESP. EXH. NO. _____
 ADMITTED REJECTED _____

Prepared by: Brianna Peterson according to the approved protocol

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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WASHINGTON STATE TOXICOLOGY LABORATORY

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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 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

Brianna Peterson

Brianna Peterson
Forensic Toxicologist

BP/jr
BPQA

CHRISTINE O. GREGOIRE
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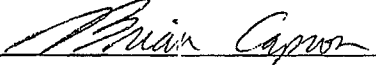
I, Brian Capron, do certify under penalty of perjury that:

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 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



Brian Capron
Forensic Toxicologist

BC/jr
BCQA

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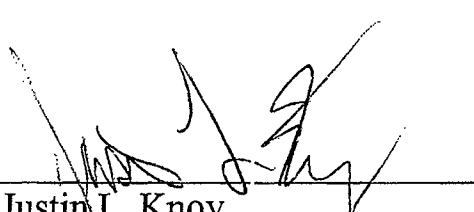
I, Justin L. Knoy, do certify under penalty of perjury that:

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 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

