

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 **05044** Date: 11/21/2005
 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	0.098	0.099	0.097													
2	0.098	0.099	0.098													
3	0.098	0.099	0.098													
4	0.098	0.099	0.098													
5	0.098	0.099	0.098													
Ctrl	0.100	0.101	0.098													

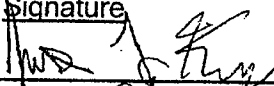
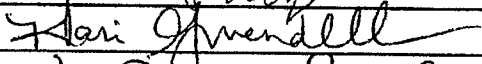

External Control:

Lot #: a028603 Exp date: 12/07
 Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0983 g/100 mL
 SD: 0.00059
 Range (3xSD): 0.0965 to 0.1001
 Precision CV (%): 0.6039 %

Equivalent vapor concent.: 0.0799 g/210L

Analyst	Name	Signature	Date
1	Justin Knoy		11/22/2005
2	Kari Gruendell		11/22/2005
3	William P Marshall		11/23/2005
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14			
15			
16			

CASE NO: 6669127
 PLTF./PETR. EXH. NO. _____
 DEFT./RESP. EXH. NO. _____
 ADMITTED REJECTED 12

Prepared by: Justin Knoy according to the approved protocol



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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

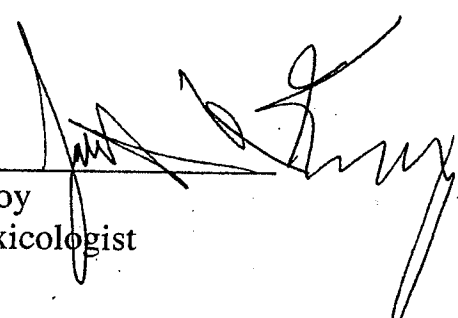
I, Justin L. Knoy, do certify under penalty of perjury as follows:

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 05044, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0983 grams per 100ml.

Dated: 11/21/05
Seattle, WA


Justin L. Knoy
Forensic Toxicologist

JLK/la
JKQA





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CERTIFICATION

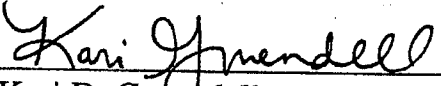
I, Kari D. Gruendell, do certify under penalty of perjury as follows:

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 a minor in Chemistry and two years of analytical laboratory experience.

The quality assurance solution, Lot Number 05044, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0983 grams per 100ml.

Dated: 11/21/05
Seattle, WA


Kari D. Gruendell
Forensic Toxicologist

KDG/la
KDGQA





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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION


I, William P. Marshall, do certify under penalty of perjury as follows:

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 and thirty-one years of analytical laboratory experience including fifteen years of toxicology experience.

The quality assurance solution, Lot Number 05044 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0983 grams per 100ml.

Dated: 11/21/05
Seattle, WA


William P. Marshall
Forensic Toxicologist

WPM/la
WMQA

