



Vermont Department of Health Laboratory
Toxicology Program

195 Colchester Avenue, P.O. Box 1125, Burlington VT 05402-1125
(ph) 802-863-7336; (fax) 802-863-7632

Certificate of Analysis of
DataMaster External Standard Solution

On 11/30/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-17-100 and an expiration date of 11/30/2010.

On 12/1/2009 and 12/3/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.103 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Tuesday, December 08, 2009.

A handwritten signature in black ink, appearing to read 'ABolduc', written over a horizontal line.

Amanda Bolduc



Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of
DataMaster External Standard Solution

On 11/30/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-18-100 and an expiration date of 11/30/2010.

On 12/1/2009 and 12/3/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.101 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Tuesday, December 08, 2009.

A handwritten signature in black ink, appearing to read 'A Bolduc', written over a horizontal line.

Amanda Bolduc



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Certificate of Analysis of DataMaster Certification Solution

On 11/30/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification Solution solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-19-080 and an expiration date of 11/30/2010.

On 12/1/2009 and 12/3/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.081 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification Solution solution.

Dated at Burlington, Vermont on Tuesday, December 08, 2009.

A handwritten signature in black ink, appearing to read 'ABD', written over a horizontal line.

Amanda Bolduc



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Certificate of Analysis of DataMaster Certification Solution

On 11/30/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification Solution solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-20-160 and an expiration date of 11/30/2010.

On 12/1/2009 and 12/3/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.159 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification Solution solution.

Dated at Burlington, Vermont on Tuesday, December 08, 2009.

A handwritten signature in black ink, appearing to read 'A Bolduc', written over a horizontal line.

Amanda Bolduc



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Certificate of Analysis of DataMaster Certification Solution

On 10/7/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-14-400 and an expiration date of 10/7/2010.

On 10/16/2009 and 10/23/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.387 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Wednesday, October 28, 2009.


_____ Darcy Richardson



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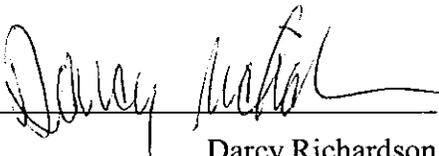
Certificate of Analysis of DataMaster Calibration Solution

On 10/7/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Calibration solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-12-100 and an expiration date of 10/7/2010.

On 10/16/2009 and 10/26/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.099 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Calibration solution.

Dated at Burlington, Vermont on Wednesday, October 28, 2009.



Darcy Richardson



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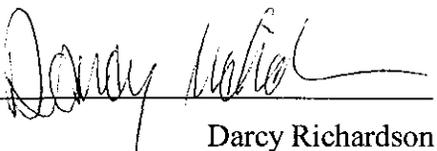
Certificate of Analysis of
DataMaster External Standard Solution

On 10/13/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-15-100 and an expiration date of 10/13/2010.

On 10/23/2009 and 10/27/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.098 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Wednesday, October 28, 2009.



Darcy Richardson



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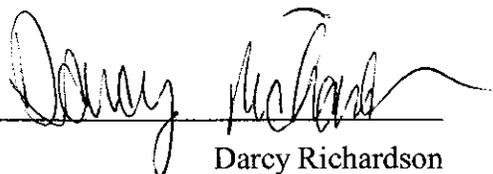
Certificate of Analysis of DataMaster Certification Solution

On 10/7/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-13-020 and an expiration date of 10/7/2010.

On 10/15/2009 and 10/23/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.020 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Wednesday, October 28, 2009.


Darcy Richardson



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Certificate of Analysis of DataMaster Certification Solution

On 8/7/2009, an ^{acetone} ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification Solution solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-05-08A1 and an expiration date of 8/7/2010.

On 8/19/2009 and 8/25/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting ^{0.079} ~~0.080~~ g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification Solution solution. ^{+ .01% Acetone}

Dated at Burlington, Vermont on Tuesday, August 25, 2009.

Amanda Bolduc



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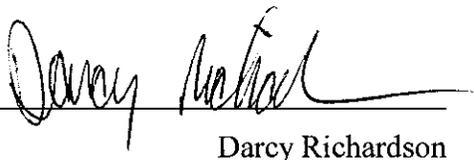
Certificate of Analysis of DataMaster Calibration Solution

On 7/1/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Calibration solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-02-100 and an expiration date of 7/1/2010.

On 7/1/2009 and 7/9/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.101 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Calibration solution.

Dated at Burlington, Vermont on Monday, July 20, 2009.



Darcy Richardson



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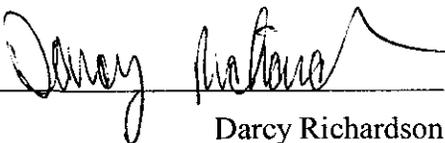
Certificate of Analysis of
DataMaster External Standard Solution

On 7/1/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-01-100 and an expiration date of 7/1/2010.

On 7/10/2009 and 7/16/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.098 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Monday, July 20, 2009.



Darcy Richardson



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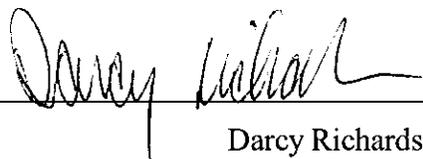
Certificate of Analysis of DataMaster Certification Solution

On 5/12/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-42-050 and an expiration date of 5/12/2010.

On 6/1/2009 and 6/9/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.052 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Tuesday, June 09, 2009.



Darcy Richardson



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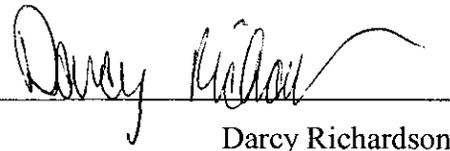
Certificate of Analysis of
DataMaster External Standard Solution

On 5/12/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-39-100 and an expiration date of 5/12/2010.

On 5/21/2009 and 5/29/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.101 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Monday, June 01, 2009.


Darcy Richardson



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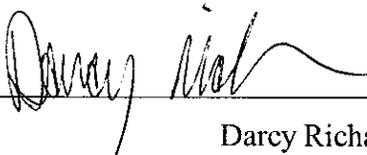
Certificate of Analysis of
DataMaster External Standard Solution

On 5/12/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-40-100 and an expiration date of 5/12/2010.

On 5/22/2009 and 5/29/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.100 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Monday, June 01, 2009.



Darcy Richardson



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Certificate of Analysis of DataMaster Certification Solution

On 5/4/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-38-160 and an expiration date of 5/4/2010.

On 5/4/2009 and 5/7/09, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting ^{0.159 @ 5/8/09}~~0.160~~ g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Friday, May 08, 2009.

Amanda Bolduc



Vermont Department of Health Laboratory
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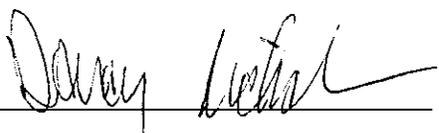
Certificate of Analysis of DataMaster Certification Solution

On 4/2/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-36-400 and an expiration date of 4/2/2010.

On 4/16/09 and 4/24/09, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.382 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on April 25th, 2009.



Darcy Richardson



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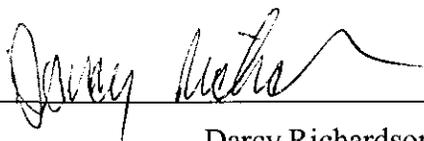
Certificate of Analysis of DataMaster Certification Solution

On 4/2/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-34-020 and an expiration date of 4/2/2010.

On 4/2/2009 and 4/16/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.021 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on April 17th, 2009.



Darcy Richardson



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Certificate of Analysis of
DataMaster External Standard Solution

On 2/20/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-26-080 and an expiration date of 2/20/2010.

On 3/16/2009 and 3/18/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.079 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Monday, March 23, 2009.



Darcy Richardson



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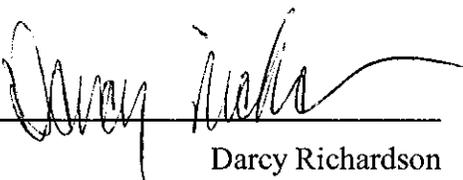
Certificate of Analysis of DataMaster Certification Solution

On 2/20/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-27-040 and an expiration date of 2/20/2010.

On 3/13/2009 and 3/19/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.040 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Friday, March 20, 2009.



Darcy Richardson



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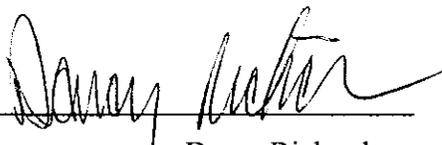
Certificate of Analysis of DataMaster Certification Solution

On 2/20/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-25-080 and an expiration date of 2/20/2010.

On 3/16/2009 and 3/18/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.080 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Friday, March 20, 2009.



Darcy Richardson



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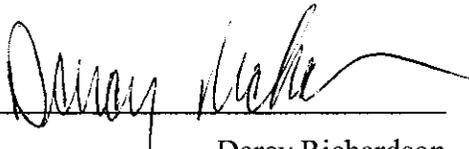
Certificate of Analysis of DataMaster Calibration Solution

On 2/20/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Calibration solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-24-100 and an expiration date of 2/20/2010.

On 3/13/2009 and 3/19/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.100 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Calibration solution.

Dated at Burlington, Vermont on Friday, March 20, 2009.



Darcy Richardson



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Certificate of Analysis of
DataMaster External Standard Solution

On 1/16/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-19-100 and an expiration date of 1/16/2010.

On 2/5/2009 and 2/9/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.099 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Wednesday, February 11, 2009.



Darcy Richardson