State of North Dakota  
)  
)ss  
County of Burleigh  
)

I, Deb Kashur, do hereby certify that I am a duly-appointed Forensic Scientist for the State of North Dakota and an official custodian of the records and files of the office thereof, that I have carefully compared the

**Ethanol Breath Standard Analytical Report, Lot No. 26614100A6, Expiration 10/05/2016**

hereto attached with the respective original as the same appears of record on file in the Office of Attorney General, Crime Laboratory Division, in the County of Burleigh, North Dakota, and find the same to be a true and correct copy thereof and of the whole thereof. In witness whereof I have set my hand at the city of Bismarck, in said county this:

23 day of **December**, 2014

[Signature]

Deb Kashur, Forensic Scientist

State of North Dakota  
)  
)ss  
County of Burleigh  
)

On this 23 day of **December**, 2014, before me personally appeared Deb Kashur, known to me to be the Forensic Scientist for the State of North Dakota, and acknowledged to me that she has executed the same.

Subscribed to and sworn before me on this:

23 day of **December**, 2014

[Signature]

Stacie L. Fleck-Merkel  
Notary Public, State of North Dakota  
My Commission Expires August 16, 2017  
Notary seal/stamp
ETHANOL BREATH STANDARD ANALYTICAL REPORT

Ethanol Breath Standard Lot Number 26614100A6 Expiration Date 10/05/2016

This standard was analyzed by ILMO Specialty Gases with a reported result of 260 ppm which is the equivalent of 0.100 AC of Ethanol in Nitrogen. ILMC Specialty Gases has provided a Certificate of Analysis traceable to N.I.S.T. SRM Ethanol Standards.

A proper result for the standard test using a cylinder of this lot number would be the range of 0.095 to 0.105 g ethanol/210 L of vapor (g/100 ml of blood or g/210 L of end expiratory breath).

The Intoxilyzer® will print out the value of the standard test in 3 digits on Intoxilyzer® Test Record (Form 106-I8000).

The number of cylinders sent to each location will be based on need. The standard may be used until the date of expiration as indicated by the manufacturer’s Certificate of Analysis.

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Deb Kashur
Deb Kashur; Forensic Scientist

23 Dec 2014
Date Approved
Certificate of Analysis

Certificate ID: 7232
Part #: BAC105L100T
Cylinder Size: 105L
Lot Number: 26614100A6
Expiration: 10/5/2016

0.100 BAC (For the calibration of instruments used to determine breath alcohol concentration)

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>Accuracy</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>260 ppm balance</td>
<td>+/- 0.002 or 2% BAC whichever is greater</td>
<td>NDIR</td>
</tr>
<tr>
<td>Nitrogen</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contents: 105 Liters @ 1000 psig 70°F (21°C)

*NIST Standard Reference Material
Cylinder No. CC14290 / Job No. 09160202
Certified 212.8 μmol/mol Ethanol in Nitrogen
for ILMO Products Co., Jacksonville, IL

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 ºC (125 ºF).

Specialty Gas Lab Tech
Distributed by: CMI Inc.
316 East Ninth Street
Owensboro, KY 42303
Phone 866-835-0690
www.alcoholtest.com

ISO/IEC 17025:2005 Accredited Laboratory
Certificate of Analysis

Customer
CMI Calibration Laboratory, CMI Inc.
316 East Ninth Street, Owensboro, KY 42303

Item Description
Ethanol Dry Gas Standard (Ethanol in Nitrogen)

Target Value
0.100 BAC

Lot Number
26614100A8

Manufacture Date
September 23, 2014

Expiration Date
October 5, 2016

Analysis Type/Test Method
NDIR/DMT-1

Lot Average (ppm/BAC)
263.30\pm101

Lot Measurement of Uncertainty [\pm ppm/BAC]
4.70\pm0.0018

NTRM Information
Batch# 09160202
Serial# CC14290
Reported NIST Value (ppm)
212.8

\[\text{Date: } 10/24/14\]

Specialty Gas Analytical Lab Technician
ILMO Products Company

* The stated expanded uncertainty was determined from the combined uncertainty associated with the following: calibration standard, equipment accuracy, repeatability and random variability (instrument readability).
* The uncertainty is expressed as \(U = u\), where \(u\) is the combined standard uncertainty and the coverage factor \(k\) is equal to 2, yielding a level of confidence of approximately 95%.

* The results on this report relate only to the items listed in the group of cylinders designated by the "Lot Number" field.