State of North Dakota

County of Burleigh

I, Roberta Grieger-Nimmo, do hereby certify that I am a 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. 34418080A2, Expiration 02/05/2021 (01/22/2019)

hereto attached with the respective original as the same appears of record on file at 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:

22nd day of January, 2019

Roberta Grieger-Nimmo, Forensic Scientist

State of North Dakota

County of Burleigh

On this 22nd day of January, 2019, before me personally appeared Roberta Grieger-Nimmo, known to me to be a Forensic Scientist for the State of North Dakota, and acknowledged to me that he has executed the same.

Subscribed to and sworn before me this:

22nd day of January, 2019

Deanna Dailey, Notary Public
State of North Dakota
My Commission Expires March 23, 2023

(SEAL)
ETHANOL BREATH STANDARD ANALYTICAL REPORT

Ethanol Breath Standard Lot Number 34418080A2 Expiration Date 02-05-2021

This standard was analyzed by ILMO Specialty Gases with a reported result of 208 ppm which is the equivalent of 0.080 AC of Ethanol in Nitrogen. ILMO 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 0.075 to 0.085 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 106-18000).

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.

Roberta Grieger-Nimmo, Forensic Scientist

22 Jan 19
Date Approved
Certificate of Analysis

Certificate ID: 11668
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 34418080A2
Expiration: 2/5/2021

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

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Reported Concentration</th>
<th>Analytical Accuracy (U, k=2):</th>
<th>Analytical Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>200 ppm</td>
<td>+/- 0.002 BAC(6/210L) [5.2 ppm]</td>
<td>NDIR</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>Balance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

*NIST Traceable Reference Material
Cylinder No. CC274523 / Job No. 09160306
Certified 362.2 μmol/mol Ethanol in Nitrogen

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

Specialty Gas Lab Tech

01-03-19 Date

ISO/IEC 17025:2005 Accredited Laboratory

*In calibration results within this certificate were obtained using equipment and standards capable of producing analytical results traceable to NIST, and apply only to the items included on this certificate. ILMO Products Company makes no warranty or representation as to the suitability of the use of any information provided for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of the material or service.
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
0.080 BAC

Lot Number
34418080A2

Manufacture Date
December 10, 2018

Expiration Date
February 5, 2021

Analysis Type/Test Method
NDIR/DMT-1

Lot Average (ppm/BAC)
210 / 0.081

Lot Measurement of Uncertainty [µ, ppm/BAC]
5.2 / 0.002

NTRM Information

<table>
<thead>
<tr>
<th>Batch#</th>
<th>Serial#</th>
</tr>
</thead>
<tbody>
<tr>
<td>09160306</td>
<td>CC274523</td>
</tr>
</tbody>
</table>

Reported NIST Value (ppm)
362.2

01-03-19

Specialty Gas Analytical Lab Technician
ILMO Products Company

Date

* 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 \( U = k \sigma \), where \( \sigma \) 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 tested in the group of cylinders designated by the 'Lot Number' field.