

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 following

**Ethanol Breath Standard Analytical Report, Lot No. 01215020A4, Expiration 02/05/2017**

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:

02 day of March, 2015

Deb Kashur  
Deb Kashur, Forensic Scientist

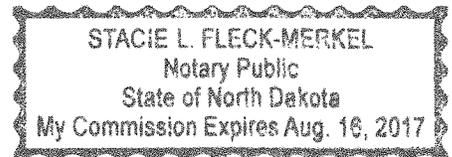
State of North Dakota     )  
  )ss  
County of Burleigh         )

On this 02 day of March, 2015, 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 he has executed the same.

Subscribed to and sworn before me on this:

02 day of March, 2015

Stacie L Fleck-Merkel  
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 01215020A4 Expiration Date 02/05/2017

This standard was analyzed by ILMO Specialty Gases with a reported result of 52 ppm which is the equivalent of 0.020 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 0.015 to 0.025 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.

Deb Kashur  
Deb Kashur; Forensic Scientist

02 March 2015  
Date Approved

**SIMULATOR SOLUTION AND GAS STANDARD VERIFICATION CHECK**

New Standard: Simulator Solution or Gas Cylinder

AC: 0.020

LOT#: 0121502044

EXP. DATE: 02/05/2017

SIMULATOR#: NA

GAS CYL#: 002

Current Standard: Simulator Solution or Gas Cylinder

AC: 0.020

LOT#: 32114020A3

EXP. DATE: 12/5/2016

SIMULATOR#: NA

GAS CYL#: 001

(Attach New Standard Certificate and Intoxilyzer Printouts)

New Standard is within  $\pm 0.005$  or  $\pm 5\%$  (whichever is greater) of stated value:

Acceptable or Not Acceptable

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Analyst Signature: Charles E. Eda

Date: 3/2/15

Reviewer Signature: Deb Kashner

Date: 02 Mar 2015



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790  
217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

## Certificate of Analysis

Certificate ID: 7648  
Part #: BAC105L020T  
Cylinder Size: 105L  
Lot Number: 01215020A4  
Expiration: 2/5/2017

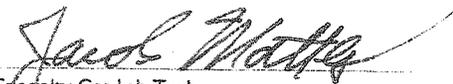
0.020 BAC (For the calibration of instruments used to determine breath alcohol concentration)

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

Component:	Concentration:	Accuracy:	Method:
Ethanol	52 ppm	+/- 0.002 or 2%	NDIR
Nitrogen	Balance	BAC whichever is greater	

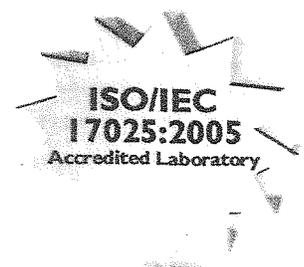
\*NIST Standard Reference Material  
Cylinder No. CC14290 / Job No. 09160202  
Certified 212.8 µmol/mol Ethanol in Nitrogen  
for ILMO Products Co., Jacksonville, IL

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

  
Specialty Gas Lab Tech

01/20/15  
Date

Distributed by: CMI Inc.  
316 East Ninth Street  
Owensboro, KY 42303  
Phone 866-835-0690  
[www.alcoholtest.com](http://www.alcoholtest.com)





Corporate Office:  
P.O. Box 790, 7 Eastgate Drive  
Jacksonville, IL 62651  
217-245-2183  
Fax: 217-243-7834  
www.ilmoproducts.com



### 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** 0.020 BAC

**Lot Number** 01215020A4

**Manufacture Date** January 12, 2015

**Expiration Date** February 5, 2017

**Analysis Type/Test Method** NDIR/DMT-1

**Lot Average (ppm/BAC)** 56.0/0.021

**Lot Measurement of Uncertainty [+/- ppm/BAC]** 4.7/0.0018

<u>NTRM Information</u>	
Batch#	09160202
Serial#	CC14290
Reported NIST Value (ppm)	212.8

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  $U = ku$ , 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 tested in the group of cylinders designated by the 'Lot Number' field.

Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003066  
Location = TOXL      8164.13.00 06/09  
02/26/2015      13:36

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:37
02 Std. Gas	0.021	13:37
03 Room Air	0.000	13:38
04 Std. Gas	0.021	13:38
05 Room Air	0.000	13:39
06 Std. Gas	0.021	13:39
07 Room Air	0.000	13:39

Lot No = 01215020A4

Cyl No = 2

Exp Date = 02/05/2017

County = 08

Oper No. = 666666



Operator Signature

CHARLES EDER

Remarks:

0.020 AC E.G.S.

STANDARD VERIFICATION CHECK

NEW STANDARD

Form 106-I8000

Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003066  
Location = TOXL      8164.13.00 06/09  
02/26/2015      13:42

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:42
02 Std. Gas	0.022	13:43
03 Room Air	0.000	13:43
04 Std. Gas	0.022	13:43
05 Room Air	0.000	13:44
06 Std. Gas	0.022	13:44
07 Room Air	0.000	13:45

Lot No = 32114020A3  
Cyl No = 1  
Exp Date = 12/05/2016  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks:      0.020 AC E.G.S.  
STANDARD VERIFICATION CHECK  
CURRENT STANDARD

Form 106-I8000