

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. 36314040A1, 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

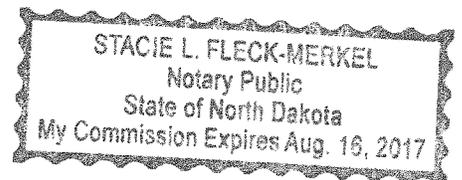
State of North Dakota)
)ss
County of Burleigh)

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 36314040A1 Expiration Date 02/05/2017

This standard was analyzed by ILMO Specialty Gases with a reported result of 103.5 ppm which is the equivalent of 0.040 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 0.035 to 0.045 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.

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: 0.040

LOT#: 36314040A1

EXP. DATE: 2/5/2017

SIMULATOR#: NA

GAS CYL#: 046

Current Standard: Simulator Solution or Gas Cylinder

AC: 0.040

LOT#: 28214040A2

EXP. DATE: 11/5/2016

SIMULATOR#: NA

GAS CYL#: 038

(Attach New Standard Certificate and Intoxilyzer Printouts)

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

Acceptable or Not Acceptable

Notes: _____

Analyst Signature: Charles E. Eden

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: 7602
Part #: BAC105L040T
Cylinder Size: 105L
Lot Number: 36314040A1
Expiration: 2/5/2017

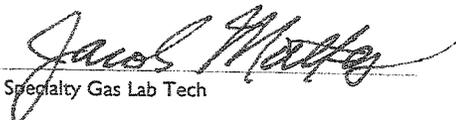
0.040 BAC (For the calibration of instruments used to determine breath alcohol concentration)

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

Component:	Concentration:	Accuracy:	Method:
Ethanol	103.5 ppm	+/- 0.002 or 2%	NDIR
Nitrogen	Balance	BAC whichever is greater	

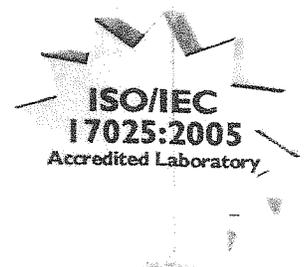
*NIST Standard Reference Material
Cylinder No. CCI4290 / Job No. 09160202
Certified 212.8 µmol/mol Ethanol in Nitrogen
for ILMO Products Co., Jacksonville, IL

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

01/26/15
Date

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





Corporate Office:
P.O. Box 790, 7 Eastgate Drive
Jacksonville, IL 62651
217-245-2183
Fax: 217-243-7634
www.ilmo-products.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 0.040 BAC

Lot Number 36314040A1

Manufacture Date December 29, 2014

Expiration Date February 5, 2017

Analysis Type/Test Method NDIR/DMT-1

Lot Average (ppm/BAC) 106.5/0.041

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

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

Jacob Matthey

Specialty Gas Analytical Lab Technician
ILMO Products Company

01/26/15

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 13:49

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:49
02 Std. Gas	0.041	13:50
03 Room Air	0.000	13:50
04 Std. Gas	0.041	13:50
05 Room Air	0.000	13:51
06 Std. Gas	0.041	13:51
07 Room Air	0.000	13:52

Lot No = 36314040A1
Cyl No = 46
Exp Date = 02/05/2017
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

0.040 AC E.G.S.
STANDARD VERIFICATION CHECK
D. CEE NEW STANDARD

Form 106-I8000

