

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. 28814160A1, Expiration 11/05/2016

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

Deb Kashur
Deb Kashur, Forensic Scientist

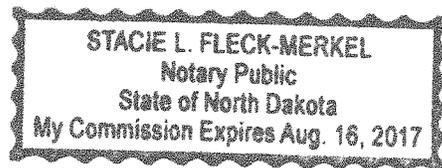
State of North Dakota)
)ss
County of Burleigh)

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

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 28814160A1 Expiration Date 11/05/2016

This standard was analyzed by ILMO Specialty Gases with a reported result of 417 ppm which is the equivalent of 0.160 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 0.152 to 0.168 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).

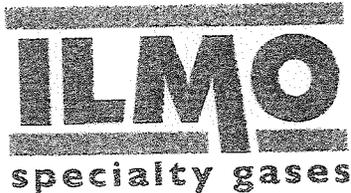
The number of cylinders sent to each location will be based on need. The standard may be used until the date of expiration as indicated by the manufacturer's Certificate of Analysis.

Deb Kashur

Deb Kashur; Forensic Scientist

23 Dec 2014

Date Approved



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: 7315
Part #: BAC105L160T
Cylinder Size: 105L
Lot Number: 28814160A1
Expiration: 11/5/2016

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

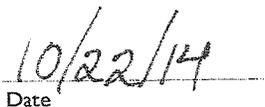
Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component:	Concentration:	Accuracy:	Method:
Ethanol	417 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

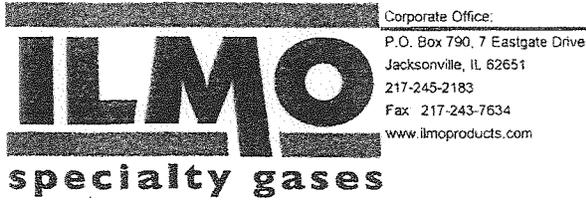
Store in dry area, away from sources of heat, ignition
and direct sunlight. Do not allow storage area to
exceed 52 °C (125 °F).


Specialty Gas Lab Tech


Date

Distributed by: CMI Inc.
316 East Ninth Street
Owensboro, KY 42303
Phone 866-835-0690
www.alcoholtest.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 0.160 BAC

Lot Number 28814160A1

Manufacture Date October 15, 2014

Expiration Date November 5, 2016

Analysis Type/Test Method NDIR/DMT-1

Lot Average (ppm/BAC) 417.8/0.160

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 Motley

Specialty Gas Analytical Lab Technician
ILMO Products Company

10/22/14

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.