

State of North Dakota)
)ss
County of Burleigh)

I, Charles E. Eder, do hereby certify that I am the duly-appointed State Toxicologist 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. 19615080A5, Expiration 09/05/2017
(09/29/2015)

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:

29th day of SEPTEMBER, 2015

Charles E. Eder

Charles E. Eder, State Toxicologist

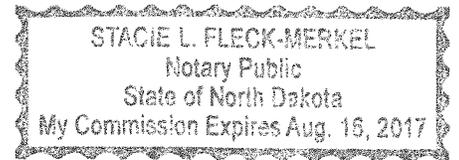
State of North Dakota)
)ss
County of Burleigh)

On this 29 day of September, 2015, before me personally appeared Charles E. Eder, known to me to be the State Toxicologist for the State of North Dakota, and acknowledged to me that he/she has executed the same.

Subscribed to and sworn before me this:

29 day of September, 2015

Stacie L Fleck-Merkel
Stacie L. Fleck-Merkel, Notary Public, State of North Dakota
My Commission Expires August 16, 2017



(SEAL)

ETHANOL BREATH STANDARD ANALYTICAL REPORT

Ethanol Breath Standard Lot Number 19615080A5 Expiration Date 09/05/2017

This standard was analyzed by ILMO Specialty Gases with a reported result of 208 ppm which is the equivalent of 0.08 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-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.



Charles E. Eder, State Toxicologist

9/29/15

Date Approved



ISO/IEC 17025:2005 Accredited Laboratory

Certificate of Analysis

Certificate ID: 8274
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 19615080A5
Expiration: 9/5/2017

0.080 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	208 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

08/19/15
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 62551
217-245-2183
Fax: 217-243-7634
www.ilmo-products.com



Certificate of Analysis

<u>Customer</u>	CMI Calibration Laboratory, CMI Inc. 316 East Ninth Street, Owensboro, KY 42303
<u>Item Description</u>	Ethanol Dry Gas Standard (Ethanol in Nitrogen)
<u>Target Value</u>	0.080 BAC
<u>Lot Number</u>	19615080A5
<u>Manufacture Date</u>	July 15, 2015
<u>Expiration Date</u>	September 5, 2017
<u>Analysis Type/Test Method</u>	NDIR/DMT-1
<u>Lot Average (ppm/BAC)</u>	211.7/0.081
<u>Lot Measurement of Uncertainty [-/+ ppm/BAC]</u>	4.7/0.0018

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

Jared Matley
Specialty Gas Analytical Lab Technician
ILMO Products Company

08/19/15
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.