

State of North Dakota     )  
  )ss  
County of Burleigh        )

I, Margaret A. Pearson, do hereby certify that I am a 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. 15410080A1, Expiration 07/01/2012 (July 12, 2010)**

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:

12 day of July, 2010

Margaret A. Pearson  
Margaret A. Pearson, State Toxicologist

State of North Dakota     )  
  )ss  
County of Burleigh        )

On this 12 day of July, 2010, before me personally appeared Margaret A. Pearson, known to me to be a 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:

12 day of July, 2010



Cindy Leingang  
Cindy Leingang, Notary Public, State of North Dakota  
My Commission Expires January 11, 2011

(SEAL)

### ETHANOL BREATH STANDARD ANALYTICAL REPORT

Ethanol Breath Standard Lot Number **15410080A1** Expiration Date **July 1, 2012**

This standard was analyzed by ILMO Specialty Gases with reported results to be: **208.4** 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-I8000).

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



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Margaret A. Pearson, State Toxicologist



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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:** 646

**Part #:** BAC105L080T

**Cylinder Size:** 105L

**Lot Number:** 15410080A1

**Expiration:** 7/1/2012

### 0.080 BAC (For use with breath alcohol testing instruments)

**Contents:** 105 Liters @ 1025 psig 70°F (21°C)

Component:	Concentration:	Accuracy:	Method:
Ethanol	208.4 ppm	+/- 0.002 or 2%	NDIR
Nitrogen	Balance	BAC whichever is greater	

\*NIST Standard Reference Material  
Certification of NTRM Batch No. 091602  
Nominal 210 µmol/mol Ethanol in Nitrogen  
for ILMO Products Co., Jacksonville, IL

Tavis Nelson  
Specialty Gas Lab Manager

6-18-2010  
Date

Distributed by: CMI Inc.  
316 East Ninth Street  
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