

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Serial No.: ARXA-0056  
Location: LONG BRANCH POLICE DEPT  
Calibration File No.: 00364 Calib. Date: 05/21/2013 Calib. No.: 00016  
Certification File No.: 00351 Cert. Date: 11/30/2012 Cert. No.: 00010  
Linearity File No.: 00352 Lin. Date: 11/30/2012 Lin. No.: 00010  
Solution File No.: 00362 Soln. Date: 04/14/2013 Soln. No.: 00074  
Sequential File No.: 00364 File Date: 05/21/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXN S3-0217  
Control Solution %: 0.100% Expires: 02/20/2014  
Solution Control Lot: 12B099 Bottle No.: 0943

## Coordinator

Last Name: DENNIS First Name: MARC MI: W.  
Signature: A/Sgt. [Signature] #5925 Badge No.: 5925  
Date: 05/21/2013

\*Black Key Temperature Probe Serial.....# DDXK p2-323 (MD)  
\*Digital NIST Temperature Measuring System Serial.....# 122172162 (MD)

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

### Equipment

Alcotest 7110 MKIII-C  
Location: LONG BRANCH POLICE DEPT  
Serial No.: ARXA-0056  
Calibration File No.: 00364 Calib. Date: 05/21/2013 Calib. No.: 00016  
Certification File No.: 00365 Cert. Date: 05/21/2013 Cert. No.: 00011  
Linearity File No.: 00352 Lin. Date: 11/30/2012 Lin. No.: 00010  
Solution File No.: 00362 Soln. Date: 04/14/2013 Soln. No.: 00074  
Sequential File No.: 00365 File Date: 05/21/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXN S3-0217  
Control Solution %: 0.100% Expires: 02/20/2014  
Solution Control Lot: 12B099 Bottle No.: 0943

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:30D		
Control 1 EC	0.099%	14:30D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:31D		
Control 2 EC	0.097%	14:32D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:32D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:33D		
Control 3 EC	0.098%	14:34D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:34D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:34D		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

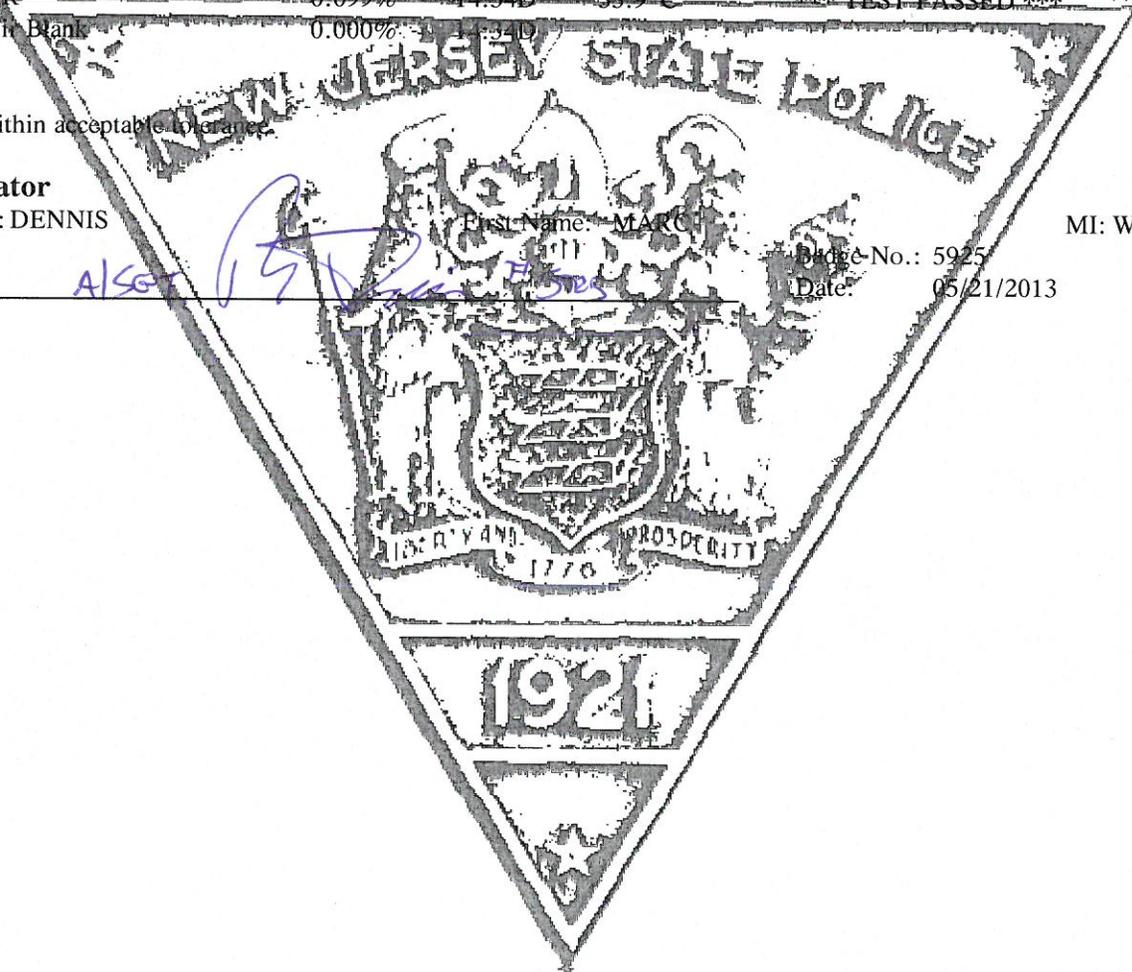
Signature: 

First Name: MARC

MI: W.

Badge No.: 5925

Date: 05/21/2013



# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0056  
Location: LONG BRANCH POLICE DEPT  
Calibration File No.: 00364 Calib. Date: 05/21/2013 Calib. No.: 00016  
Certification File No.: 00365 Cert. Date: 05/21/2013 Cert. No.: 00011  
Linearity File No.: 00366 Lin. Date: 05/21/2013 Lin. No.: 00011  
Solution File No.: 00362 Soln. Date: 04/14/2013 Soln. No.: 00074  
Sequential File No.: 00366 File Date: 05/21/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0186  
Control Solution %: 0.040% Expires: 08/24/2014  
Solution Control Lot: 12H104 Bottle No.: 0528

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0188  
Control Solution %: 0.080% Expires: 08/27/2014  
Solution Control Lot: 12H105 Bottle No.: 0479

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0191  
Control Solution %: 0.160% Expires: 09/10/2014  
Solution Control Lot: 12I106 Bottle No.: 1152

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:46D		
Control 1 EC	0.041%	14:46D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.038%	14:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:48D		
Control 2 EC	0.041%	14:49D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	14:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:50D		
Control 3 EC	0.082%	14:51D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	14:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		
Control 4 EC	0.079%	14:53D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	14:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:55D		
Control 5 EC	0.159%	14:56D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	14:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:57D		
Control 6 EC	0.156%	14:58D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	14:58D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:00D		

All tests within acceptable tolerance.

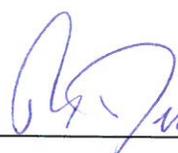
### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: \_\_\_\_\_

ALSGT.  # 5925

Badge No.: 5925

Date: 05/21/2013

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0056
Location:	LONG BRANCH POLICE DEPT		
Calibration File No.:	00364	Calib. Date:	05/21/2013
Certification File No.:	00365	Calib. No.:	00016
Linearity File No.:	00366	Cert. Date:	05/21/2013
Solution File No.:	00367	Cert. No.:	00011
Sequential File No.:	00367	Lin. Date:	05/21/2013
		Lin. No.:	00011
		Soln. Date:	05/21/2013
		Soln. No.:	00075
		File Date:	05/21/2013
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXN S3-0217
Solution Control Lot:	12D101	Expires:	04/25/2014
		Bottle No.:	0941

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	16:07D		
Control 1 EC	0.100%	16:08D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	16:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:09D		
Control 2 EC	0.098%	16:09D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:09D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:10D		
Control 3 EC	0.098%	16:11D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	16:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:12D		

All tests within acceptable tolerance.

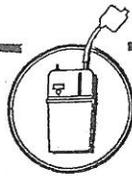
On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDXA P2-115 (4D)

**Changed By:**

Last Name: DENNIS      First Name: MARC      MI: W.

Signature: ASGT. [Signature] #5925      Badge No.: 5925  
 Date: 05/21/2013



**Dräger**

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDXD S3-0186

Certification Date

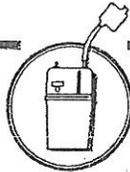
Technician

Re-Certification Due Date

2-6-13

BC

2-6-14



**Dräger**

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDXD S3-0188

Certification Date

Technician

Re-Certification Due Date

2-5-13

BC

2-5-14



**Dräger**

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDXD 53-091

Certification Date

2-5-13

Technician

BC

Re-Certification Due Date

2-5-14

# Dräger

## ALCOTEST® 7110 TEMPERATURE PROBE

# CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

DDXKP2-323

Certification date:

02/05/13

Next Certification due:

02/05/14

Probe Value

103

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

SY



Calibration  
Certificate No. 1750.01

Calibration complies with ISO/IEC  
17025, ANSI/NCSL Z540-1, and 9001



Cert. No.: 4000-4269971

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087

Instrument Identification:

Model: 61220-601      S/N: 122172162      Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-275	A9A237		
Digital Thermometer	B16815	6/06/12	B1606038
PRT Temperature Probe	01641	5/28/12	B1526085
Temperature Calibration Bath TC-256	B01375		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-BL72N-1-1
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-BN9WZ-27-1

Certificate Information:

Technician: 68      Procedure: CAL-06      Cal Date: 3/30/12      Cal Due: 3/30/14  
Test Conditions: 23.0°C      44.0 %RH      1012 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.000	-0.002	Y	-0.050	0.050	0.013	3.8:1
°C		N.A.		25.001	24.999	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		60.000	60.000	Y	59.950	60.050	0.018	2.8:1
°C		N.A.		100.001	100.001	Y	99.951	100.051	0.018	2.8:1

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Wallace Berry*  
Wallace Berry, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey  
 OFFICE OF THE ATTORNEY GENERAL  
 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
 POST OFFICE BOX 7068  
 WEST-TRENTON, NJ 08628-0068  
 (609) 882-2000

CHRIS CHRISTIE  
 Governor

JEFFREY S. CHIESA  
 Attorney General

KIM GUADAGNO  
 Lt. Governor

COLONEL JOSEPH R. FUENTES  
 Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.117 to 0.125 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 3/20/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12B099

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1211 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is February 20, 2014.

As Forensic Scientist III for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Monica L. Tramontin  
 Forensic Scientist III  
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 22nd day of March, 2012.

Notary

MARY ELIZABETH MCLAUGHLIN  
 NOTARY PUBLIC OF NEW JERSEY  
 MY COMMISSION EXPIRES 12-24-2013



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer  
 Printed on Recycled Paper and Recyclable





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JEFFREY S. CHIESA
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 9/26/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H104

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0487 to 0.0491 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 24, 2014.

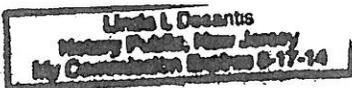
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

[Handwritten signature]

Ali M. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of October, 2012.

[Handwritten signature: Linda L. Desantis]
Notary



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable





State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

CHRIS CHRISTIE  
Governor

JEFFREY S. CHIESA  
Attorney General

KIM GUADAGNO  
Lt. Governor

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 9/27/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12H105

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 27, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Ali M. Alaouié, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5<sup>th</sup> day of October, 2012.

Notary

**Linda L. DeFonzo**  
Notary Public, New Jersey  
My Commission Expires 8-17-14



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer  
Printed on Recycled Paper and Recyclable





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

POST OFFICE BOX 7068

WEST TRENTON, NJ 08628-0068

(609) 882-2000

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

JEFFREY S. CHIESA  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

CERTIFICATION OF ANALYSIS  
0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 121106

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 grams per 100 milliliters of solution.

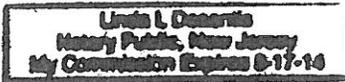
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 10, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Ali M. Alaoui, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5<sup>th</sup> day of October, 2012.

Joseph R. Fuentes  
Notary



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer  
Printed on Recycled Paper and Recyclable





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

CHRIS CHRISTIE
Governor

JEFFREY S. CHIESA
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 5/8/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12D101

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1216 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is April 25, 2014.

As Forensic Scientist III for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Handwritten signature of Monica L. Tramontin
Monica L. Tramontin
Forensic Scientist III
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15th day of May, 2012.

Handwritten signature of Linda L. Desantis
Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 8-17-14



"An Internationally Accredited Agency"
New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable





**Dräger**

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDXNS3-0217

Certification Date

Technician

Re-Certification Due Date

12-17-12

JS

12-17-13

# Dräger

## ALCOTEST® 7110 TEMPERATURE PROBE

# CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

Certification date:

Next Certification due:

DDXAP2-115

12-17-12

12-17-13

Probe Value

108

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

JS

Drägersafety

Alcotest<sup>®</sup> 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

SERIAL NUMBER:

01/28/2009

ARXA-0056

Draeger Safety Diagnostics, Inc.

A handwritten signature in black ink, appearing to be 'J. K. H.', is written over a horizontal line.

DEPARTMENT OF  
*Motor and Public Safety*

This is to certify that

Marc W. Dennis  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSIS PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1946 IN THE OPERATION OF THE Breath Test Coordinator/Instructor  
 A METHOD TO DETERMINE INTOXICATION  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this DAY OF November

TWO THOUSAND AND Eight

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

B.P. 293B (Rev. 07/07)

DEPARTMENT OF  
**Traffic and Public Safety**  
 This is to certify that

Marc W. Dennis  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF THE LAWS OF 1964 IN THE OPERATION OF THE 7-B Breathalyzer  
 A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 26th DAY OF Sept.  
 TWO THOUSAND AND 01

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES 8/18 - 8/22/97

Refresher Course

1.	DATE	PLACE	INSTRUCTOR
	11/10/99	O.C.P.A.	Cambria
2.	11-14-01	ACTC	Mr. Zimmerman
3.	7-17-07	ACTC	G. Potter
4.	10-6-05	ACTC	G. Potter
5.	11-14-07	OCPA	C Potter
6.			
7.			
8.			
9.			

SP-2938 (Rev. 4/00)

DEPARTMENT OF  
**Traffic and Public Safety**  
 This is to certify that

Marc W. Dennis  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF THE LAWS OF 1964 IN THE OPERATION OF THE ALCOHESZ/7110 MK III-C  
 A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 30th DAY OF April  
 TWO THOUSAND AND Eight

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

Refresher Course

1.	DATE	PLACE	INSTRUCTOR
	12-19-07	Ocean Co. PA	Potter
2.	3/12/09	MORRIS CO. PA	M. Potter
3.	2-10-11	SAYREVILLE PD	A. In
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 07/07)