

# Alcotest 7110 Calibration Record

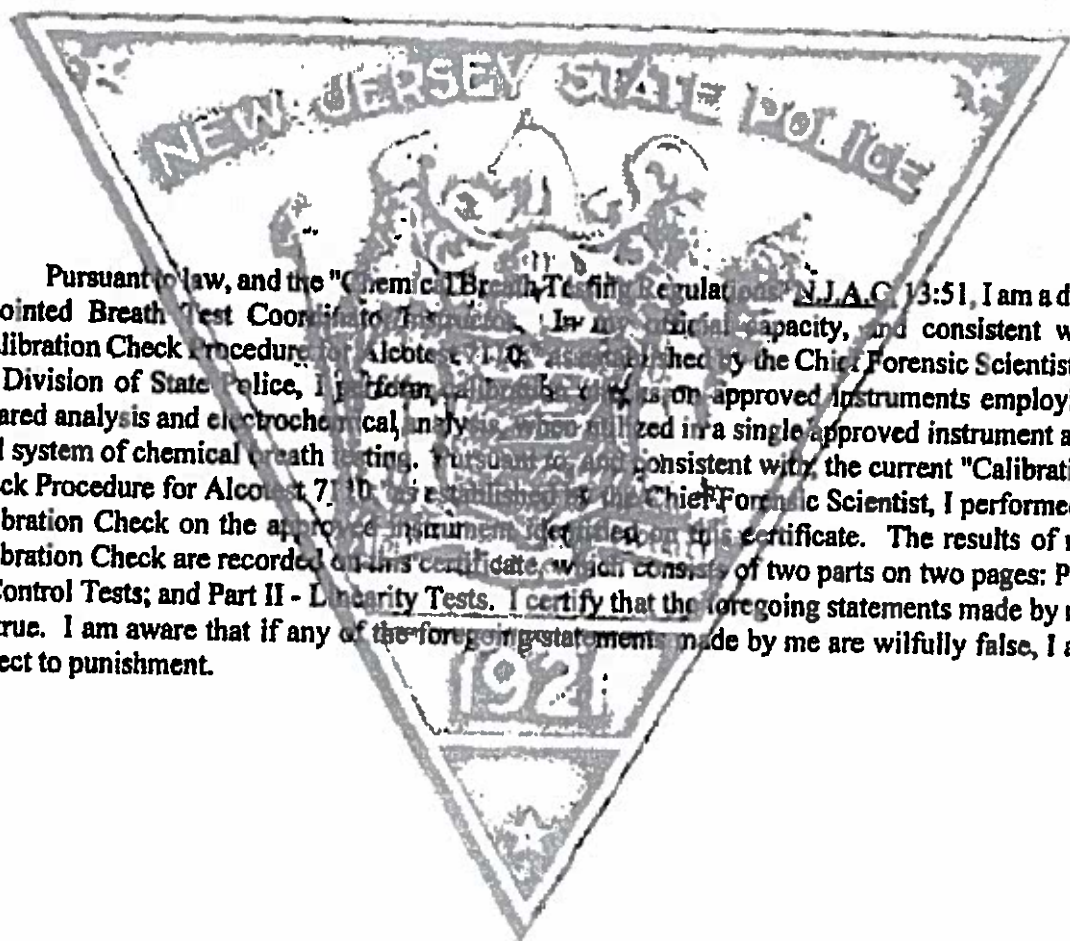
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARZL-0146  
**Location:** WALL TOWNSHIP POLICE  
Calibration File No.: 00833 Calib. Date: 10/10/2014 Calib. No.: 00017  
Certification File No.: 00723 Cert. Date: 04/11/2014 Cert. No.: 00013  
Linearity File No.: 00724 Lin. Date: 04/11/2014 Lin. No.: 00013  
Solution File No.: 00826 Soln. Date: 09/29/2014 Soln. No.: 00162  
Sequential File No.: 00833 File Date: 10/10/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAB-0015  
Control Solution %: 0.100% Expires: 09/17/2015  
Solution Control Lot: 131122 Bottle No.: 0726

## Coordinator

Last Name: DENNIS First Name: MARC MI: W.  
Signature: SGT. [Signature] #5925 Badge No.: 5925  
Date: 10/10/2014

\*Black Key Temperature Probe Serial.....# DDXK P2-323 (40)  
\*Digital NIST Temperature Measuring System Serial.....# 130 754 749 (40)



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110" established by the Chief Forensic Scientist of the Division of State Police, I perform all breath tests on approved instruments employing infrared analysis and electrochemical analysis which are 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" 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  
WALL TOWNSHIP POLICE  
Serial No.: ARZL-0146

Calibration File No.: 00833  
Certification File No.: 00834  
Linearity File No.: 00724  
Solution File No.: 00826  
Sequential File No.: 00834

Calib. Date: 10/10/2014  
Cert. Date: 10/10/2014  
Lin. Date: 04/11/2014  
Soln. Date: 09/29/2014  
File Date: 10/10/2014

Calib. No.: 00017  
Cert. No.: 00014  
Lin. No.: 00013  
Soln. No.: 00162

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 131122

Model No.: CU-34

Serial No.: DDAB-0015  
Expires: 09/17/2015  
Bottle No.: 0726

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:57D		
Control 1 EC	0.099%	14:57D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:58D		
Control 2 EC	0.099%	14:59D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:59D		
Control 3 EC	0.099%	15:00D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	15:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:00D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: DENNIS

Signature: Sgt. [Signature]

First Name: J. MARC

Badge No.: 5925

Date: 10/10/2014

MI: W.

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Inspector in my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110" 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 Test. 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 II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARZL-0146  
Location: WALL TOWNSHIP POLICE  
Calibration File No.: 00833 Calib. Date: 10/10/2014 Calib. No.: 00017  
Certification File No.: 00834 Cert. Date: 10/10/2014 Cert. No.: 00014  
Linearity File No.: 00835 Lin. Date: 10/10/2014 Lin. No.: 00014  
Solution File No.: 00826 Soln. Date: 09/29/2014 Soln. No.: 00162  
Sequential File No.: 00835 File Date: 10/10/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0186  
Control Solution %: 0.040% Expires: 09/13/2015  
Solution Control Lot: 13I120 Bottle No.: 0026

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0188  
Control Solution %: 0.080% Expires: 09/16/2015  
Solution Control Lot: 13I121 Bottle No.: 0070

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0191  
Control Solution %: 0.160% Expires: 08/05/2016  
Solution Control Lot: 14H131 Bottle No.: 0925

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:13D		
Control 1 EC	0.039%	15:14D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	15:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:15D		
Control 2 EC	0.040%	15:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	15:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:18D		
Control 3 EC	0.079%	15:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	15:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:20D		
Control 4 EC	0.078%	15:21D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	15:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:22D		
Control 5 EC	0.156%	15:23D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	15:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:25D		
Control 6 EC	0.155%	15:25D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	15:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:27D		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: Sgt. Dennis #5925

Badge No.: 5925

Date: 10/10/2014

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARZL-0146
Location:	WALL TOWNSHIP POLICE	
Calibration File No.:	00833	Calib. Date: 10/10/2014
Certification File No.:	00834	Calib. No.: 00017
Linearity File No.:	00835	Cert. Date: 10/10/2014
Solution File No.:	00836	Cert. No.: 00014
Sequential File No.:	00836	Lin. Date: 10/10/2014
		Lin. No.: 00014
		Soln. Date: 10/10/2014
		Soln. No.: 00163
		File Date: 10/10/2014

Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDAB-0015
Solution Control Lot:	131119	Expires: 09/10/2015
		Bottle No.: 0297

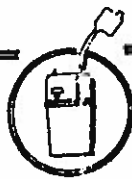
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:32D		
Control 1 EC	0.100%	16:33D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	16:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:34D		
Control 2 EC	0.099%	16:34D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	16:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:35D		
Control 3 EC	0.099%	16:36D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:36D		

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: DDXK P2-393 (14)

**Changed By:**  
 Last Name: DENNIS      First Name: MARC      MI: W.  
 Signature: SGT. [Signature] #5925      Badge No.: 5925  
 Date: 10/10/2014



**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. 24<sup>th</sup> 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

- Model: ALCOTEST<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDAB-0015

Certification Date

7-14-14

Technician

BC

Re-Certification Due Date

7-14-15

# Dräger

## ALCOTEST<sup>®</sup> 7110 TEMPERATURE PROBE

### CERTIFICATE OF ACCURACY

This is to certify that the Alcotest<sup>®</sup> 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<sup>®</sup> 7110.

Serial Number Temp. Probe

DDXK P2-393

Certification date:

7-14-14

Next Certification due

7-14-15

Probe Value

104

Draeger Safety Diagnostics, Inc.  
Technical Service Department

BC



**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:

DDXDS3-0186

Certification Date

Technician

Re-Certification Due Date

9-22-14

BC

9-22-15



**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:

DDXDS3-0188

Certification Date

Technician

Re-Certification Due Date

9-22-14

BC

9-22-15



**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:

DDXDS3-091

Certification Date

9-19-14

Technician

BC

Re-Certification Due Date

9-19-15

# 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

DDXK P2-323

Certification date:

9-19-14

Next Certification due:

9-19-15

Probe Value

104

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

BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-5574134

**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: 130754749      Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B4829-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B4829-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

**Certificate Information:**

Technician: 68      Procedure: CAL-06      Cal Date: 12/12/13      Cal Due: 12/12/15  
Test Conditions: 24.0°C      33.0%RH      1033 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	25.001	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.000	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	Y	99.961	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/YYYY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Justice*  
Aaron Justice, 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 Rox 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-01805-2008-AQ-HQU-RvA.  
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  
  
 KIM GUADAGNO  
 Lt. Governor

JOHN J. HOFFMAN  
 Acting Attorney General  
  
 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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/23/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131122

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1222 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 17, 2015.

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 28<sup>th</sup> day of October, 2013.

Linda L. DePantis  
 Notary



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State of New Jersey  
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 DEPARTMENT OF LAW AND PUBLIC SAFETY  
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 Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.040 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: Dräger Safety, Inc.

ANALYSIS DATE: 10/25/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131120

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0489 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 13, 2015.

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 25<sup>th</sup> day of October, 2013.

Linda L. Desantis  
 Notary



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State of New Jersey

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Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.080 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:** 10/31/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 131121

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0971 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 16, 2015.

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 1st day of November, 2013.

Mary E. McLaughlin  
Notary

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



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State of New Jersey

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JOHN J. HOFFMAN
Acting 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: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 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 5, 2016.

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 of Ali M. Alaoui]

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

Sworn to and subscribed before me this 18th day of August, 2014.

[Handwritten signature of Mary Elizabeth McLaughlin]
Notary
MARY ELIZABETH MCLAUGHLIN

ID # 2052180
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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Lt. Governor

JOHN J. HOFFMAN
Acting Attorney General

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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/17/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131119

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 0.1218 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, 2015.

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 of Ali M. Alaouie]

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

Sworn to and subscribed before me this 21st day of October, 2013.

[Handwritten signature of Mary E. McLaughlin]
Notary

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



"An Internationally Accredited Agency"

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**Dräger**

**Alcotest® 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: 4-8-14

SERIAL NUMBER: ARZL-0146

Draeger Safety Diagnostics, Inc. BL

DEPARTMENT OF  
**Motor and Public Safety**

This is to certify that  
**Marc W. Dennis**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL TESTS AND ANALYSES SUBJANT TO CHAPTER 143 OF THE LAWS OF 1944 IN THE OPERATION OF THE **Breathalyzer**  
A METHOD TO DETERMINE INTOXICATION

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

*C. P. [Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

Refreshers Course

DATE	PLACE	INSTRUCTOR
1. 11/10/99	O.C.P.A.	Cambria
2. 11-14-04	ACTC	Pat Jaggan
3. 7-17-03	ACTC	Jim Potter
4. 10-6-05	ACTC	John [Signature]
5. 11-14-07	OCPA	C. Potter
6.		
7.		
8.		
9.		

SP-2938 (Rev. 4/00)

DEPARTMENT OF  
**Motor and Public Safety**

This is to certify that  
**Marc W. Dennis**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL TESTS AND ANALYSES SUBJANT TO CHAPTER 143 OF THE LAWS OF 1944 IN THE OPERATION OF THE **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

Refreshers Course

DATE	PLACE	INSTRUCTOR
1. 12-19-07	Ocean Co. PA	Potter
2. 3/12/09	MORRIS CO. PA	M. Potter
3. 2-10-11	SAYREVILLE PD	[Signature]
4. 11/19/13	S.C.E.S.T.A.	[Signature]
5.		
6.		
7.		
8.		
9.		

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

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

**Marc W. Dennis**  
 New Jersey State Police



**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH TESTS PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY

5th 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.		

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