

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: SPRING LAKE POLICE  
Calibration File No.: 00237  
Certification File No.: 00222  
Linearity File No.: 00223  
Solution File No.: 00236  
Sequential File No.: 00237

Serial No.: ARXB-0076

Calib. Date: 07/10/2015  
Cert. Date: 01/21/2015  
Lin. Date: 01/21/2015  
Soln. Date: 06/23/2015  
File Date: 07/10/2015

Calib. No.: 00017  
Cert. No.: 00014  
Lin. No.: 00014  
Soln. No.: 00105

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 13I123

Model No.: CU-34

Serial No.: DDYB S3-0002  
Expires: 09/23/2015  
Bottle No.: 1008

## Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature:

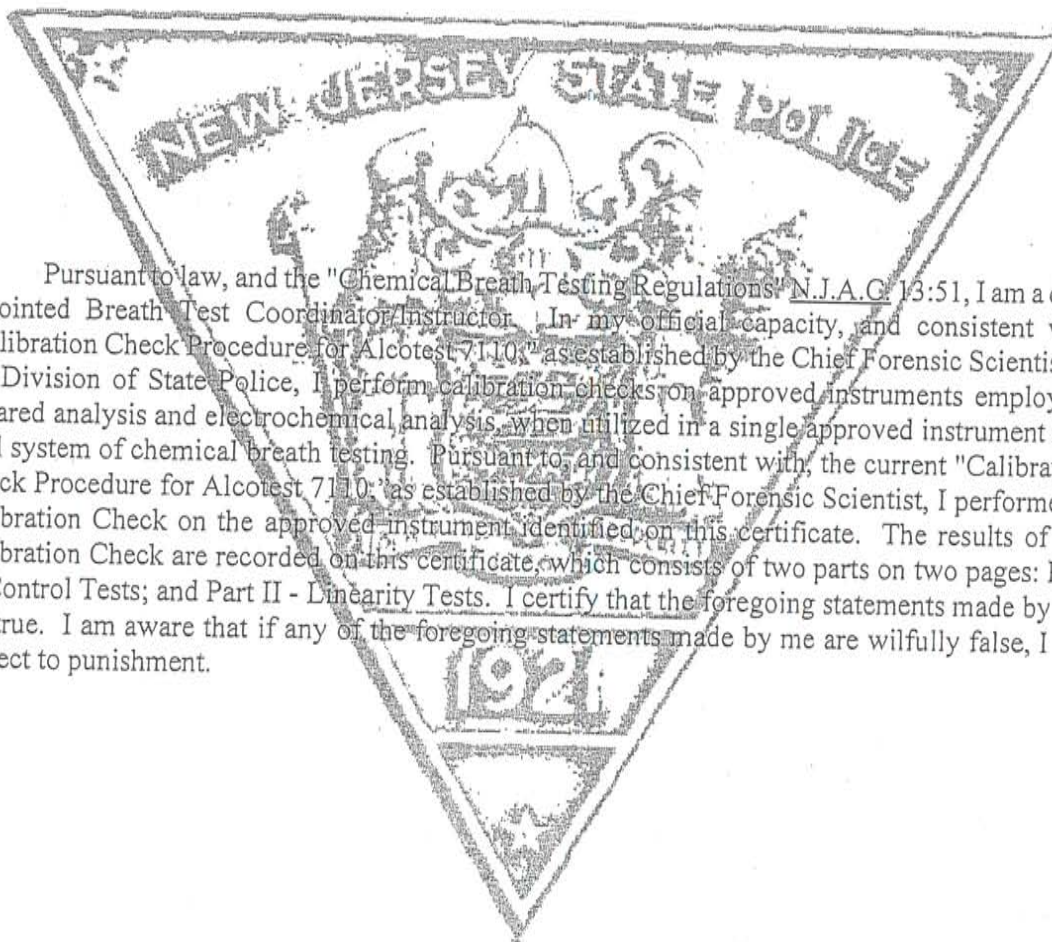
SGT. P. Dennis #5925

Badge No.: 5925

Date: 07/10/2015

\*Black Key Temperature Probe Serial.....# DDXK P2-376 

\*Digital NIST Temperature Measuring System Serial.....# 130754749 



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: SPRING LAKE POLICE  
Serial No.: ARXB-0076  
Calibration File No.: 00237  
Calib. Date: 07/10/2015  
Calib. No.: 00017  
Certification File No.: 00238  
Cert. Date: 07/10/2015  
Cert. No.: 00015  
Linearity File No.: 00223  
Lin. Date: 01/21/2015  
Lin. No.: 00014  
Solution File No.: 00236  
Soln. Date: 06/23/2015  
Soln. No.: 00105  
Sequential File No.: 00238  
File Date: 07/10/2015  
Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDYB S3-0002  
Control Solution %: 0.100%  
Expires: 09/23/2015  
Solution Control Lot: 13I123  
Bottle No.: 1008

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:49D		
Control 1 EC	0.100%	14:49D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:50D		
Control 2 EC	0.099%	14:50D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:51D		
Control 3 EC	0.099%	14:52D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		


All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: 

Badge No.: 5925

Date: 07/10/2015

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 II - Linearity Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARXB-0076
Location:	SPRING LAKE POLICE	
Calibration File No.:	00237	Calib. Date: 07/10/2015
Certification File No.:	00238	Cert. No.: 00017
Linearity File No.:	00239	Cert. Date: 07/10/2015
Solution File No.:	00236	Lin. No.: 00015
Sequential File No.:	00239	Soln. No.: 00105
		File Date: 07/10/2015
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDXD S3-0186
Solution Control Lot:	13I120	Expires: 09/13/2015
		Bottle No.: 0824
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDXD S3-0188
Solution Control Lot:	13I121	Expires: 09/16/2015
		Bottle No.: 0228
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDXD S3-0191
Solution Control Lot:	14H131	Expires: 08/05/2016
		Bottle No.: 1290

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:03D		
Control 1 EC	0.040%	15:04D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	15:04D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:06D		
Control 2 EC	0.040%	15:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	15:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:08D		
Control 3 EC	0.080%	15:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	15:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:10D		
Control 4 EC	0.080%	15:10D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	15:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:12D		
Control 5 EC	0.157%	15:12D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.156%	15:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:14D		
Control 6 EC	0.156%	15:15D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.156%	15:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:16D		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

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

*SGT. [Signature] #5925*

Badge No.: 5925

Date: 07/10/2015

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXB-0076  
**Location:** SPRING LAKE POLICE  
**Calibration File No.:** 00237 **Calib. Date:** 07/10/2015 **Calib. No.:** 00017  
**Certification File No.:** 00238 **Cert. Date:** 07/10/2015 **Cert. No.:** 00015  
**Linearity File No.:** 00239 **Lin. Date:** 07/10/2015 **Lin. No.:** 00015  
**Solution File No.:** 00240 **Soln. Date:** 07/10/2015 **Soln. No.:** 00106  
**Sequential File No.:** 00240 **File Date:** 07/10/2015  
  
**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDYB S3-0002  
**Control Solution %:** 0.100% **Expires:** 12/31/2016  
**Solution Control Lot:** 14L135 **Bottle No.:** 0799

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:21D		
Control 1 EC	0.102%	16:22D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.102%	16:22D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:22D		
Control 2 EC	0.101%	16:23D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.101%	16:23D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:24D		
Control 3 EC	0.102%	16:24D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.101%	16:24D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:25D		

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 P2-117 (P10)

**Changed By:**

Last Name: DENNIS

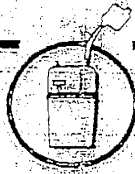
First Name: MARC

MI: W.

Signature: SGT. P. J. Dennis #5925

Badge No.: 5925

Date: 07/10/2015



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)

Dräger Safety Diagnostics, Inc.

☒ Model: ALCOTEST® CU34

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDXDS3-0186

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

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)

Dräger Safety Diagnostics, Inc.

☒ Model: ALCOTEST® CU34

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDXDS3-0188

Certification Date

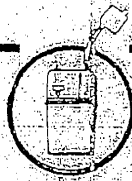
9-22-14

Technician

BC

Re-Certification Due Date

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)

Dräger Safety Diagnostics, Inc.

☒ Model: ALCOTEST® CU34

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDXDS3-0191

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 P2-376

Certification date:

9-2-14

Next Certification due:

9-2-15

Probe Value

106

Dräger Safety Diagnostics, Inc.  
Technical Service Department

BC



Calibration  
Certificate No. 1750.01

Calibration complies with ISO/IEC  
17025, ANSI/NCCL 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-B48Z9-30-1
Temperature Calibration Bath TC-231	A78341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
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-276	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	99.951	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/YYYY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Judice*  
Aaron Judice, 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-01505-2008-AC-HOU-RWA.  
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  
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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.

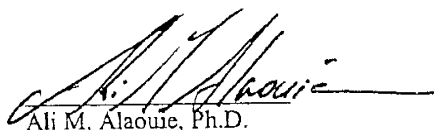
**ANALYSIS DATE:** 10/24/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 13I123

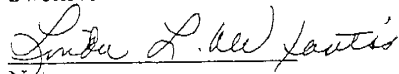
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1186 to 0.1192 grams per 100 milliliters of solution.

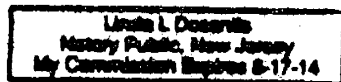
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 23, 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 24<sup>th</sup> day of October, 2013.

  
Notary



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Governor

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Lt. Governor

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Acting Attorney General

COLONEL JOSEPH R. FUENTES  
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:** Draeger Safety, Inc.

**ANALYSIS DATE:** 10/25/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 13I120

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.

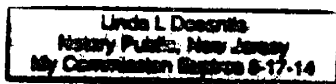
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration 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. Alaouie, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28<sup>th</sup> day of October, 2013.

Notary



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**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.

Notary

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



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Governor

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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.

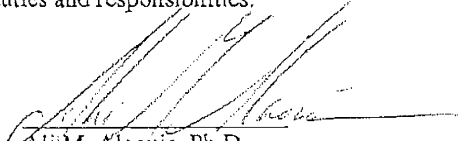
**ANALYSIS DATE:** 8/14/2014

**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.

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

Sworn to and subscribed before me this 18<sup>th</sup> day of August, 2014.

  
Notary  
**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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(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:** 1/21/2015

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 14L135

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 0.1219 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 December 31, 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.

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

Sworn to and subscribed before me this 23rd day of January, 2015.

  
Notary

**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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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:

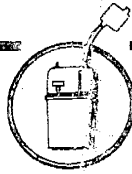
7-15-14

SERIAL NUMBER:

ARXB-DD 76

Draeger Safety Diagnostics, Inc.

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:

DDYB53-0002

Certification Date

6-15-15

Technician

BC

Re-Certification Due Date

6-15-16

**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

DDXAP2-117

Certification date:

6-12-15

Next Certification due:

6-12-16

Probe Value

104

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

BC

## DEPARTMENT OF

and Public Safety  
This is to certify that

Marc J. Dennis

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT AND ANALYZE FURTHER TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE 1-B Breathalyzer  
A METHOD TO DETERMINE INTOXICATION

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

*C. P. P.*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*J. P. P.*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

## Refresher Course

DATE	PLACE	INSTRUCTOR
1. 11/10/99	O.C.P.A.	Cambria
2. 11-14-01	ACTC	R. Thompson
3. 1-17-03	ACTC	C. Potter
4. 10-6-05	ACTC	C. Potter
5. 11-18-07	O.C.P.A.	C. Potter
6.		
7.		
8.		
9.		

SP-2938 (Rev. 4/00)

## DEPARTMENT OF

and Public Safety  
This is to certify that

Marc J. Dennis  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT AND ANALYZE FURTHER TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE 1-B Breathalyzer  
A METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 28th DAY OF April

*C. P. P.*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*J. P. P.*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

## Refresher 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	A. Potter
4. 11/19/13	S.C.E.S.T.A.	C. Potter
5.		
6.		
7.		
8.		
9.		

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

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 BREATHALYSES PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1964 IN THE OPERATION OF THE Breath Test Coordinator/Instructor  
 A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 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)