

# Alcotest 7110 Calibration Record

## Equipment

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXB-0076
Location:	SPRING LAKE POLICE		
Calibration File No.:	00122	Calib. Date:	02/28/2012
Certification File No.:	00113	Cert. Date:	09/01/2011
Linearity File No.:	00114	Lin. Date:	09/01/2011
Solution File No.:	00121	Soln. Date:	02/05/2012
Sequential File No.:	00122	File Date:	02/28/2012
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDYB S3-0002
Solution Control Lot:	101082	Expires:	09/09/2012
		Bottle No.:	1128

## Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

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

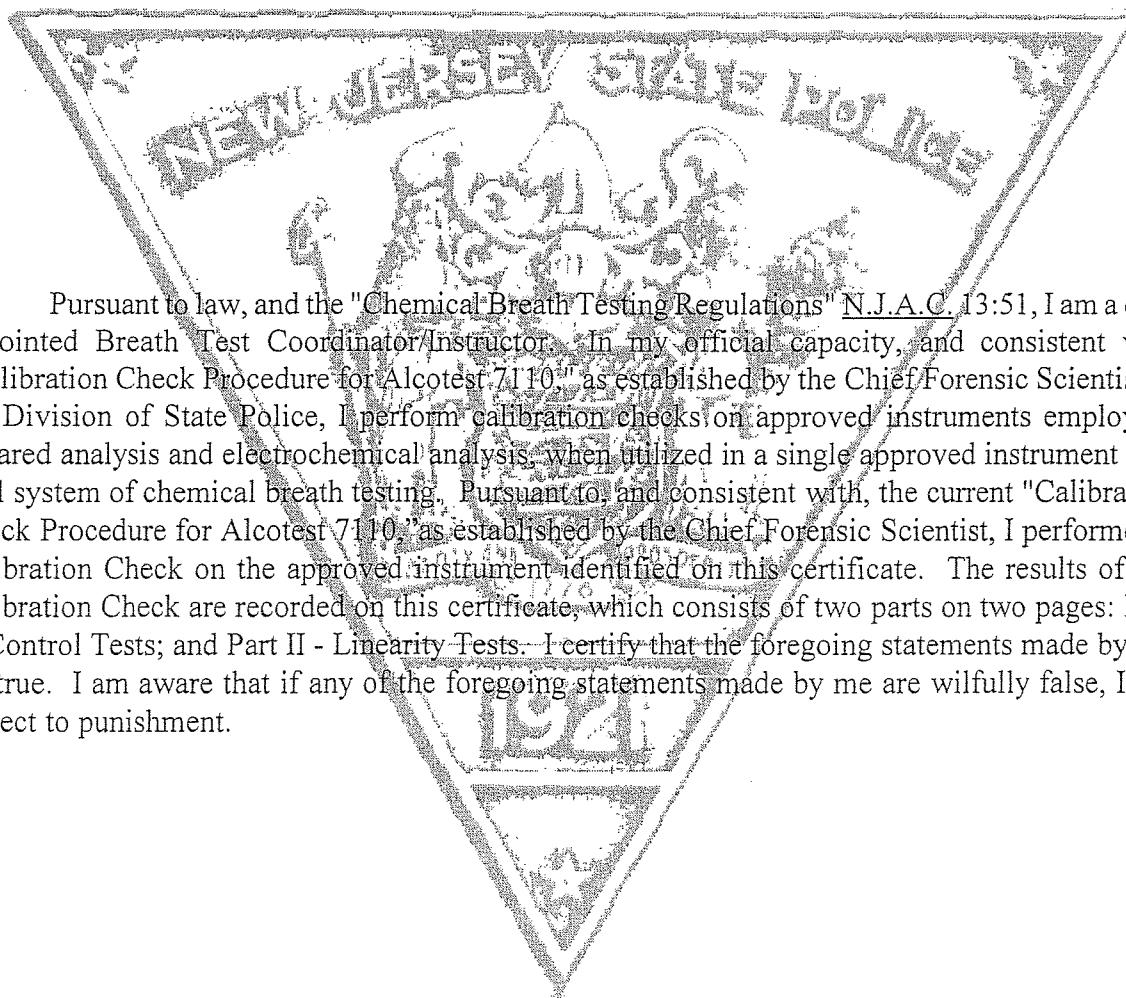
*TPP. I [Signature] #5925*

Badge No.: 5925

Date: 02/28/2012

\*Black Key Temperature Probe Serial .....# DDXK P2-323 (MD)

\*Digital NIST Thermometer Serial.....# 101685685 (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: SPRING LAKE POLICE  
Calibration File No.: 00122  
Certification File No.: 00123  
Linearity File No.: 00114  
Solution File No.: 00121  
Sequential File No.: 00123

Serial No.: ARXB-0076

Calib. Date: 02/28/2012  
Cert. Date: 02/28/2012  
Lin. Date: 09/01/2011  
Soln. Date: 02/05/2012  
File Date: 02/28/2012

Calib. No.: 00009  
Cert. No.: 00008  
Lin. No.: 00007  
Soln. No.: 00052

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 10I082

Model No.: CU-34

Serial No.: DDYB S3-0002  
Expires: 09/09/2012  
Bottle No.: 1128

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:19S		
Control 1 EC	0.099%	14:19S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:20S		
Control 2 EC	0.099%	14:21S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:22S		
Control 3 EC	0.097%	14:22S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:23S		


All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: 

Badge No.: 5925

Date: 02/28/2012

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.:	00122	Calib. Date: 02/28/2012
Certification File No.:	00123	Calib. No.: 00009
Linearity File No.:	00124	Cert. Date: 02/28/2012
Solution File No.:	00121	Cert. No.: 00008
Sequential File No.:	00124	Lin. Date: 02/28/2012
		Lin. No.: 00008
		Soln. Date: 02/05/2012
		Soln. No.: 00052
		File Date: 02/28/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDxD S3-0186
Solution Control Lot:	11F090	Expires: 06/27/2013
		Bottle No.: 1086
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDxD S3-0188
Solution Control Lot:	11F091	Expires: 06/30/2013
		Bottle No.: 1358
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDxD S3-0191
Solution Control Lot:	11G092	Expires: 07/03/2013
		Bottle No.: 1159

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:36S		
Control 1 EC	0.042%	14:37S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	14:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:39S		
Control 2 EC	0.042%	14:39S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	14:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:41S		
Control 3 EC	0.082%	14:41S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	14:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:43S		
Control 4 EC	0.079%	14:44S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	14:44S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:45S		
Control 5 EC	0.160%	14:46S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	14:46S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:48S		
Control 6 EC	0.158%	14:48S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	14:48S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:50S		

All tests within acceptable tolerance.

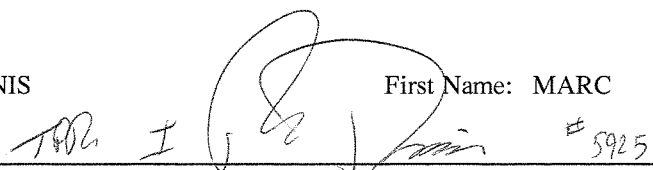
### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

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



Badge No.: 5925

Date: 02/28/2012

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXB-0076
Location:	SPRING LAKE POLICE		
Calibration File No.:	00122	Calib. Date:	02/28/2012
Certification File No.:	00123	Cert. Date:	02/28/2012
Linearity File No.:	00124	Lin. Date:	02/28/2012
Solution File No.:	00125	Soln. Date:	02/28/2012
Sequential File No.:	00125	File Date:	02/28/2012
		Calib. No.:	00009
		Cert. No.:	00008
		Lin. No.:	00008
		Soln. No.:	00053
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDYB S3-0002
Solution Control Lot:	11K096	Expires:	11/23/2013
		Bottle No.:	1398

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:59S		
Control 1 EC	0.103%	15:59S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:00S		
Control 2 EC	0.100%	16:01S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	16:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:02S		
Control 3 EC	0.100%	16:02S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:03S		

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 # DDXA P2-117

### Changed By:

Last Name: DENNIS

First Name: MARC

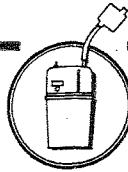
MI: W.

Signature:

*[Handwritten Signature]* #5925

Badge No.: 5925

Date: 02/28/2012



**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

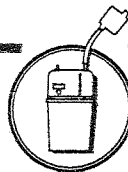
Technician

Re-Certification Due Date

2/2/12

DM

2/2/13



**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

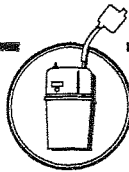
Technician

Re-Certification Due Date

2/2/12

DM

2/2/13



**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:

DDXDS3-0191

Certification Date

Technician

Re-Certification Due Date

2/2/12

DM

2/2/13

**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:

DDXKP2-323

2/3/12

2/3/13

Probe Value

10.3

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

DM



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-2924462

### Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, P.O. Box 2158, Secaucus, NJ 07094 U.S.A.

#### Instrument Identification:

Model: 61220-601

S/N: 101685685

Manufacturer : Control Company

#### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	11/19/10	A9B21010
Temperature Probe	128	12/10/10	A9B23079
Temperature Calibration Bath TC-231	A79341		
Temperature Probe	3039	12/10/10	A9B23080-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	7/09/10	1000264338
Temperature Probe	5202	3/11/11	B0310050
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	157	7/27/10	A9708011-4

#### Certificate Information:

Technician: 68

Procedure: CAL-06

Cal Date: 5/17/10

Cal Due: 5/17/12

Test Conditions: 23.5°C 47.0 %RH 1017 mBar

#### Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±uc	TUR
°C		N.A.		0.002	0.000	Y	-0.048	0.052	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.013	3.8:1
°C		N.A.		60.002	59.999	Y	59.952	60.052	0.018	2.8:1
°C		N.A.		100.000	99.999	Y	99.950	100.050	0.013	3.8:1

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; ±uc=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = Nominal(Rounded) - Tolerance; Max = 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  
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Governor

KIM GUADAGNO  
Lt. Governor

PAULA T. DOW  
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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

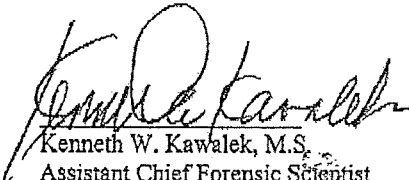
ANALYSIS DATE: 9/23/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10I082


Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1190 to 0.1194 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 September 9, 2012.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

  
Kenneth W. Kawalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 28<sup>th</sup> day of September 2010.

  
Notary

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



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# State of New Jersey

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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 0.045 to 0.051 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc.

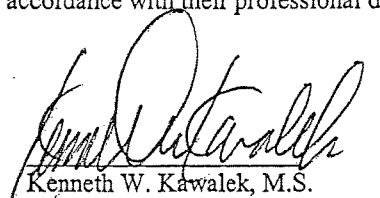
ANALYSIS DATE: 7/21/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F090

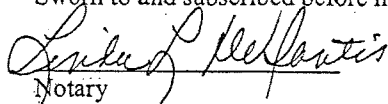
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0485 grams per 100 milliliters of solution.

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 June 27, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

  
Kenneth W. Kawalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 1<sup>st</sup> day of August, 2011.

  
Notary

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





# State of New Jersey

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Attorney General

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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 0.094 to 0.099 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc.

ANALYSIS DATE: 7/22/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F091

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0973 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 June 30, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Kenneth W. Kawalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 1<sup>st</sup> day of August, 2011.

  
Notary

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





# State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

POST OFFICE BOX 7068

WEST TRENTON NJ 08628-0068

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Governor

KIM GUADAGNO  
Lt. Governor

PAULA T. DOW  
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 0.188 to 0.199 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc.

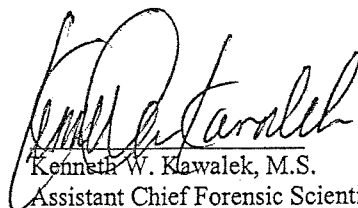
ANALYSIS DATE: 7/25/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11G092

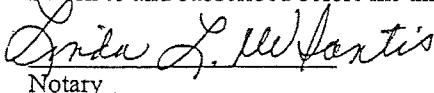
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1917 to 0.1927 grams per 100 milliliters of solution.

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 July 3, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

  
Kenneth W. Krawalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 1<sup>st</sup> day of August, 2011.

  
Notary

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



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State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

PAULA T. DOW  
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 0.117 to 0.125 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 12/16/2011

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 11K096

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1217 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 November 23, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Kenneth W. Kawalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 3rd day of January, 2012.

Notary

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



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Dräger safety

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:

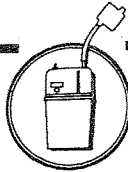
02/21/2007

SERIAL NUMBER:

ARXB-0076

Draeger Safety Diagnostics, Inc.  
Durango, CO

CRD



**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

Technician

Re-Certification Due Date

12/29/11

2M

12/29/12

**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:

DDXA P2-117

12/29/11

12/29/12

Probe Value

101

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

2M

DEPARTMENT OF  
*Law 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 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, 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. 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 142 OF THE LAWS OF 1966 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

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

Refresher Course

DATE	PLACE	INSTRUCTOR
1. <u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambria</u>
2. <u>11-14-01</u>	<u>ACTC</u>	<u>Mr. J. J. J.</u>
3. <u>1-17-03</u>	<u>ACTC</u>	<u>Mr. J. J. J.</u>
4. <u>10-6-05</u>	<u>ACTC</u>	<u>Mr. J. J. J.</u>
5. <u>11-14-07</u>	<u>OCPA</u>	<u>C. Potter</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

SP-293B (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 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE **ALCOTEST 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

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

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