

**ALCOTEST CERTIFICATIONS INDEX**

**03-18-2016**

**ARWF-0394**

- ITEM # 1 - NJSP OFFICER'S ALCOTEST CREDENTIALS
- ITEM # 2 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.10
- ITEM # 3 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.04
- ITEM # 4 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.08
- ITEM # 5 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.16
- ITEM # 6 - NIST CERT
- ITEM # 7 - ALCOTEST CU34 SERIAL #DDWES3-0206
- ITEM # 8 - ALCOTEST CU34 SERIAL #DDWFS3-0218
- ITEM # 9 - ALCOTEST CU34 SERIAL #DDWJS3-0334
- ITEM # 10 - ALCOTEST TEMPERATURE PROBE SERIAL # DDXKP2-396
- ITEM # 11 - TRPD ALCOTEST 7110 MK111-C SERIAL # ARWF-0394
- ITEM # 12 - TRPD ALCOTEST CU34 SERIAL # DDWKS3-0387
- ITEM # 13 - TRPD ALCOTEST TEMP PROBE SERIAL # DDWJP2-026
- ITEM # 14 - ALCOTEST 7110 CALIBRATION RECORD
- ITEM # 15 - ALCOTEST 7110 CALIBRATION CONTROL TESTS
- ITEM # 16 - ALCOTEST 7110 CALIBRATION LINEARITY TESTS
- ITEM # 17 - NJSP NEW STANDARD SOLUTION REPORT
- ITEM # 18 - CERTIFICATE OF ANALYSIS SIMULATOR SOLUTION (15D138)
- ITEM # 19 - ALCOTEST CARDS/SOLUTION CHANGE OPERATOR (2PGS.)

Item 1 of 19

ARWF-0394

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

**Kevin W. Alcott**  
Breath Test Coordinator/Instructor

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 MKIII-C**  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 21st DAY OF May  
TWO THOUSAND AND Fifteen

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ACTING 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. 08/13)

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

**KEVIN W. ALCOTT**  
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 MKIII-C**  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 18th DAY OF APRIL  
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. 8-25-10	BCPA	R. Tan
2. 1-12-12	BERGEN CO PA	C.D.
3. 1-16-14	SAYREVILLE PD	R. Tan
4. 1/21/16	Lakehurst	Dean Sanders
5.		
6.		
7.		
8.		
9.		

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

Item 2 of 19

ARWF-0394



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.

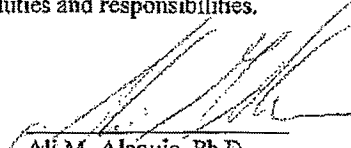
**ANALYSIS DATE:** 09/14/2015

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 15H143

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1226 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 17, 2017.

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 September, 2015.

  
MARY ELIZABETH MCLAUGHLIN

ID # 2062180  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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Item 3 of 19

HRWF 0394



State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL  
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POST OFFICE BOX 7068  
WEST TRENTON, NJ 08623-0068  
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Lt. Governor

JOHN J. HOFFMAN  
Acting 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.

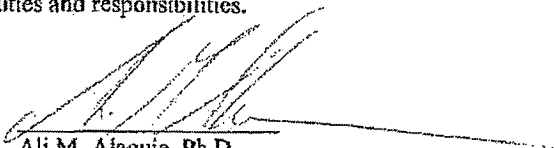
ANALYSIS DATE: 9/10/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H141

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 0.0487 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 11, 2017.

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. Alaoie, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 11<sup>th</sup> day of September, 2015.

Notary

  
MARY ELIZABETH MCLAUGHLIN

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



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item 4 of 19

ARWF 0394



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Acting Attorney General

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: Dräger Safety, Inc.

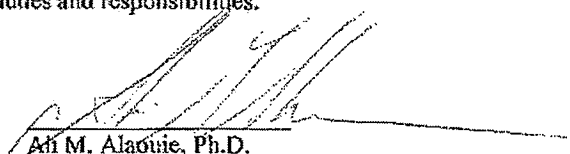
ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H142

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 0.0967 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 13, 2017.

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 September, 2015.

  
Notary  
MARY ELIZABETH MCLAUGHLIN

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



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Item 5 of 19

ARWF-0394



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  
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Governor

KIM GUADAGNO  
Lt. Governor

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.

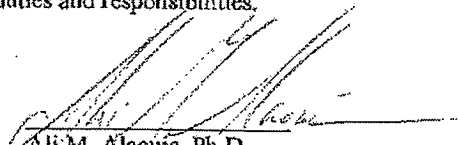
**ANALYSIS DATE:** 8/14/2014

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 14H131

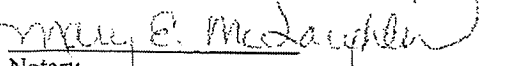
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 grams per 100 milliliters of solution.

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.

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



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item 6 of 19

ARWF 0394



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-7019762

### 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: 150649672 Manufacturer: Control Company

#### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15-A0P2S-20-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

#### Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 8/31/15 Due Date: 8/31/17  
Test Conditions: 23.0°C 47.0 %RH 1017 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	0.000	Y	-0.049	0.051	0.013	3.6:1
°C		N.A.		25.000	25.003	Y	24.950	25.050	0.014	3.6:1
°C		N.A.		50.004	50.000	Y	49.954	50.054	0.014	3.6:1
°C		N.A.		100.002	99.999	Y	99.952	100.052	0.014	3.6:1

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

*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:

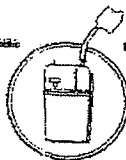
For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 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 (AZLA) 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-RVA,  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Item 7 of 19

ARWF 0394



**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:

DDWES3-0206

Certification Date

10-30-15

Technician

72

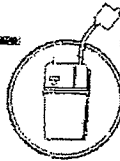
Re-Certification Due Date

10-30-16



item 8 of 19

ARWF 0394



**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:

DDWFS3-0218

Certification Date

10-30-15

Technician

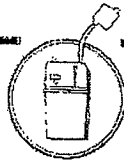
72

Re-Certification Due Date

10-30-16

Item 9 of 19

ARWF 0394



**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:

DDWJS3-0334

Certification Date

10-30-15

Technician

72

Re-Certification Due Date

10-30-16

Item 10 of 19

ARWF 0394

**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

DDXKP2-396

Certification date:

10-30-15

Next Certification due:

10-30-16

Probe Value

106

Dräger Safety Diagnostics, Inc.  
Technical Service Department

72

Item 11 of 19

ARWF-0394

Dräger

Alcotest® 7110 MKIII-C

## CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested and found to be in compliance with the National Highway Traffic Safety Administration Standard for a portable breathalyzer device. The Alcotest MKIII-C is compliant as a "mobile" and "portable" device. The manufacturer recommends accuracy verification and recalibration at the expiration of the calibration date below or sooner according to the State's regulations.

Certification Date:

5-27-15

SERIAL NUMBER:

ARWF-0394

Dräger Safety Diagnostics, Inc.

PC

Item 12 of 19

ARWF0394



**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:

DDWKS3-0387

Certification Date

Technician

Re-Certification Due Date


2-1-16

72

2-1-17

Item 13 of 19

ARWF-0394

		
ALCOTEST® 7110 TEMPERATURE PROBE		
CERTIFICATE OF ACCURACY		
<p>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.</p>		
Serial Number Temp. Probe	Certification date:	Next Certification due:
<u>DDWJP2-026</u>	<u>1-29-16</u>	<u>1-29-17</u>
Probe Value	Dräger Safety Diagnostics, Inc. Technical Service Department	
<u>102</u>	<u>72</u>	

Item 14 of 19

## Alcotest 7110 Calibration Record

ARWF-0394

**Equipment**

Alcotest 7110 MKIII-C  
Location: TOMS RIVER P.D.  
Calibration File No.: 01407  
Certification File No.: 01325  
Linearity File No.: 01326  
Solution File No.: 01396  
Sequential File No.: 01407

Calib. Date: 03/18/2016  
Cert. Date: 10/02/2015  
Lin. Date: 10/02/2015  
Soln. Date: 03/11/2016  
File Date: 03/18/2016

Serial No.: ARWF-0394

Calib. No.: 00033  
Cert. No.: 00023  
Lin. No.: 00023  
Soln. No.: 00219

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 15H143

Model No.: CU-34

Serial No.: DDWK S3-0387  
Expires: 08/17/2017  
Bottle No.: 1051

**Coordinator**

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpr. I K W. #6704

Badge No.: 6704

Date: 03/18/2016

\*Black Key Temperature Probe Serial.....#

ΔΔXKP2- 396

(KA)

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

150 649 672

(KA)

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.

Am 15 of 19

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

ARWF-0394

### Equipment

Alcotest 7110 MKIII-C  
Location: TOMS RIVER P.D.  
Calibration File No.: 01407  
Certification File No.: 01408  
Linearity File No.: 01326  
Solution File No.: 01396  
Sequential File No.: 01408

Serial No.: ARWF-0394

Calib. Date: 03/18/2016  
Cert. Date: 03/18/2016  
Lin. Date: 10/02/2015  
Soln. Date: 03/11/2016  
File Date: 03/18/2016

Calib. No.: 00033  
Cert. No.: 00024  
Lin. No.: 00023  
Soln. No.: 00219

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 15H143

Model No.: CU-34

Serial No.: DDWK S3-0387  
Expires: 08/17/2017  
Bottle No.: 1051

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:56S	11:56 Δ KA	
Control 1 EC	0.100%	10:57S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:58S		
Control 2 EC	0.099%	10:58S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:59S		
Control 3 EC	0.100%	11:00S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:01S	12:01 Δ KA	

All tests within acceptable tolerance.

### Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature:

*Tpr. I K W. Q #6704*

Badge No.: 6704

Date: 03/18/2016

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.



Hcm 16 of 19

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

ARWF-0394

**Equipment** Alcotest 7110 MKIII-C  
**Location:** TOMS RIVER P.D.  
**Calibration File No.:** 01407  
**Certification File No.:** 01408  
**Linearity File No.:** 01409  
**Solution File No.:** 01396  
**Sequential File No.:** 01409

**Calib. Date:** 03/18/2016  
**Cert. Date:** 03/18/2016  
**Lin. Date:** 03/18/2016  
**Soln. Date:** 03/11/2016  
**File Date:** 03/18/2016

Serial No.: ARWF-0394

**Calib. No.:** 00033  
**Cert. No.:** 00024  
**Lin. No.:** 00024  
**Soln. No.:** 00219

**Calibrating Unit:** WET  
**Control Solution %:** 0.040%  
**Solution Control Lot:** 15H141

Model No.: CU-34

**Serial No.:** DDWE S3-0206  
**Expires:** 08/11/2017  
**Bottle No.:** 0800

**Calibrating Unit:** WET  
**Control Solution %:** 0.080%  
**Solution Control Lot:** 15H142

Model No.: CU-34

**Serial No.:** DDWF S3-0218  
**Expires:** 08/13/2017  
**Bottle No.:** 1026

**Calibrating Unit:** WET  
**Control Solution %:** 0.160%  
**Solution Control Lot:** 14H131

Model No.: CU-34

**Serial No.:** DDWJ S3-0334  
**Expires:** 08/05/2016  
**Bottle No.:** 0375

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:18S	12:18 Δ KA	
Control 1 EC	0.041%	11:19S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	11:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:21S		
Control 2 EC	0.041%	11:21S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	11:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:23S		
Control 3 EC	0.079%	11:23S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	11:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:25S		
Control 4 EC	0.079%	11:26S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	11:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:27S		
Control 5 EC	0.157%	11:28S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.155%	11:28S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:30S		
Control 6 EC	0.157%	11:30S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.154%	11:30S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:32S	12:32 Δ KA	

All tests within acceptable tolerance.

**Coordinator**

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature:

Tpr. I K W. #6704

Badge No.: 6704

Date: 03/18/2016

Item 17 of 19

# Calibrating Unit New Standard Solution Report

ARWF-0394  
Sol. #220  
3/18/16

**Equipment** Alcotest 7110 MKIII-C  
Location: TOMS RIVER P.D.  
Calibration File No.: 01407  
Certification File No.: 01408  
Linearity File No.: 01409  
Solution File No.: 01410  
Sequential File No.: 01410

Serial No.: ARWF-0394

Calib. Date: 03/18/2016  
Cert. Date: 03/18/2016  
Lin. Date: 03/18/2016  
Soln. Date: 03/18/2016  
File Date: 03/18/2016

Calib. No.: 00033  
Cert. No.: 00024  
Lin. No.: 00024  
Soln. No.: 00220

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 15D138

Model No.: CU-34

Serial No.: DDWK S3-0387  
Expires: 04/13/2017  
Bottle No.: 0211

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:43S	13:43 Δ KA	
Control 1 EC	0.100%	12:44S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:44S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:45S		
Control 2 EC	0.100%	12:45S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:45S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:46S		
Control 3 EC	0.100%	12:47S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:47S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:47S	13:47 Δ KA	

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: ΔΔWJ PZ - 026 (KA)

## Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpr. I RK W. #6704

Badge No.: 6704

Date: 03/18/2016

Item 18 of 19



ARWF 0394

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

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

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.

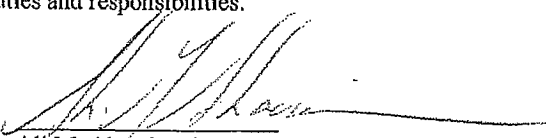
**ANALYSIS DATE:** 5/6/2015

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 15D138

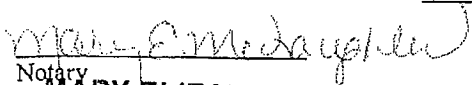
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 to 0.1220 grams per 100 milliliters of solution.

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 13, 2017.

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 7<sup>th</sup> day of may, 2015.

  
Notary  
**MARY ELIZABETH MCLAUGHLIN**  
ID # 2052190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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Item 14 of 19

ARWF-0394

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

**Guy E. Maine**  
Dover Township

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 MKIII-C** A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 23rd DAY OF November TWO THOUSAND AND FIVE

*[Signature]* SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]* ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 11/29/07	OCPA	WM hoon
2. 7-4-09	OCPA	WM hoon
3. 2-22-11	OCPA	WM hoon
4. 1-28-13	OCPA	WM hoon
5. 3/4/15	OCPA	WM hoon
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 05/03)

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

**Timothy A. Syso**  
Dover Township

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 MKIII-C** A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 7th DAY OF December TWO THOUSAND AND FIVE

*[Signature]* SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]* ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-10-07	OCPA	WM hoon
2. 7-30-09	OCPA	WM hoon
3. 1-31-11	OCPA	WM hoon
4. 1-22-13	OCPA	WM hoon
5. 2-4-15	OCPA	WM hoon
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 05/03)

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

**Kenneth J. Thomas Jr.**  
Toms River Township

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 MKIII-C** A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 3rd DAY OF September TWO THOUSAND AND NINE

*[Signature]* SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]* ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1-18-11	OCPA	WM hoon
2. 1-22-13	OCPA	WM hoon
3. 2-4-15	OCPA	WM hoon
4.		
5.		
6.		
7.		
8.		
9.		

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

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

**Christopher W. Anderson**  
Toms River Police Department

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 13th DAY OF November TWO THOUSAND AND Seven

*[Signature]* SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]* ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 11-28-2005

DATE	Refresher Course PLACE	INSTRUCTOR
1. 11/28/05	OCPA	WM hoon
2. 12/4/09	OCPA	WM hoon
3. 1-3-11	OCPA	WM hoon
4. 9/4/13	OCPA	WM hoon
5. 1-20-15	OCPA	WM hoon
6.		
7.		
8.		
9.		

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

item 19 of 19

ARWF 0394

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

**David Bartoshek**  
Toms River Township Police Department

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 28th DAY OF February  
TWO THOUSAND AND Fourteen

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

**Robert Westfall**  
Toms River Township Police Department

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 14th DAY OF June  
TWO THOUSAND AND Ten

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

**Adam M. Koeppen**  
Toms River Township

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 31st DAY OF March  
TWO THOUSAND AND Eleven

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 1/3/2006

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1/6/2014	Lakehurst	Cross
2. 2-16-16	LAKEHURST	Cum Lora
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 08/13)

ORIGINAL COURSE DATES 1/4/2006

DATE	Refresher Course PLACE	INSTRUCTOR
1. 2/8/2010	Ocean Co. P.A.	Stanks
2. 1/5/11	OLCPA	Adam Stank
3. 1-29-13	OLCPA	Wm Lora
4. 3-2-15	OLCPA	Wm Lora
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 03/10)

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1/17/13	OLCPA	Adam Stank
2. 1-22-15	OLCPA	Wm Lora
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 03/10)