

# ALCOTEST CHECKLIST

Municipality: STRATFORD TWP. Alcotest Ser.#: ARNK-0039

County: CAMDEN Date of Calibration: 07-06-2016

1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.

2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.  
Ser. #: DDUK S3-0133

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDL P1-0015

4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 150 671 438

5.  A. Alcotest 7110 Calibration Record  
 B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**  
 C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**  
 D. **Alcotest Card** of operator/coordinator who performed tests.  
 E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDXK P2-390

6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>15</u>	<u>H</u>	<u>141</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>15</u>	<u>H</u>	<u>142</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>15</u>	<u>H</u>	<u>143</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>15</u>	<u>H</u>	<u>144</u>

7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

A. 0.04% used in Calibration/Linearity Testing. DDAE-0021  
 B. 0.08% used in Calibration/Linearity Testing. DDAE-0023  
 C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]  
 D. 0.16% used in Calibration/Linearity Testing. DDWF S3-0025

8.  A. New Standard Solution Report following Calibration.  
 B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].  
 C. Certificate of Analysis 0.10% solution for same.  
Lot #: 15 H 140  
 D. Alcotest card of operator/coordinator who completed change.

07-20-2016

**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 48884 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:

8-3-12

SERIAL NUMBER:

ARNK-0039

Dräger Safety Diagnostics, Inc.





**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:

DDUK 53-0133

Certification Date

4-4-16

Technician

BC

Re-Certification Due Date

4-4-17

# 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

DDL P1-0015

Certification date:

3-29-16

Next Certification due:

3-29-17

Probe Value

104

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

BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-7039468

**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: 150671438      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: 9/09/15      Due Date: 9/09/17  
 Test Conditions: 24.7°C      45.0 %RH      1014 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.		25.001	25.000	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		50.000	50.000	Y	49.950	50.050	0.014	3.6:1
°C		N.A.		100.002	99.998	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 Justice*  
Aaron Justice, Technical Manager

**Maintaining Accuracy:**

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

**Recalibration:**

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

**CONTROL COMPANY 4455 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-01805-2005-AQ-HDU-RvA.  
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).


# Alcotest 7110 Calibration Record

## Equipment

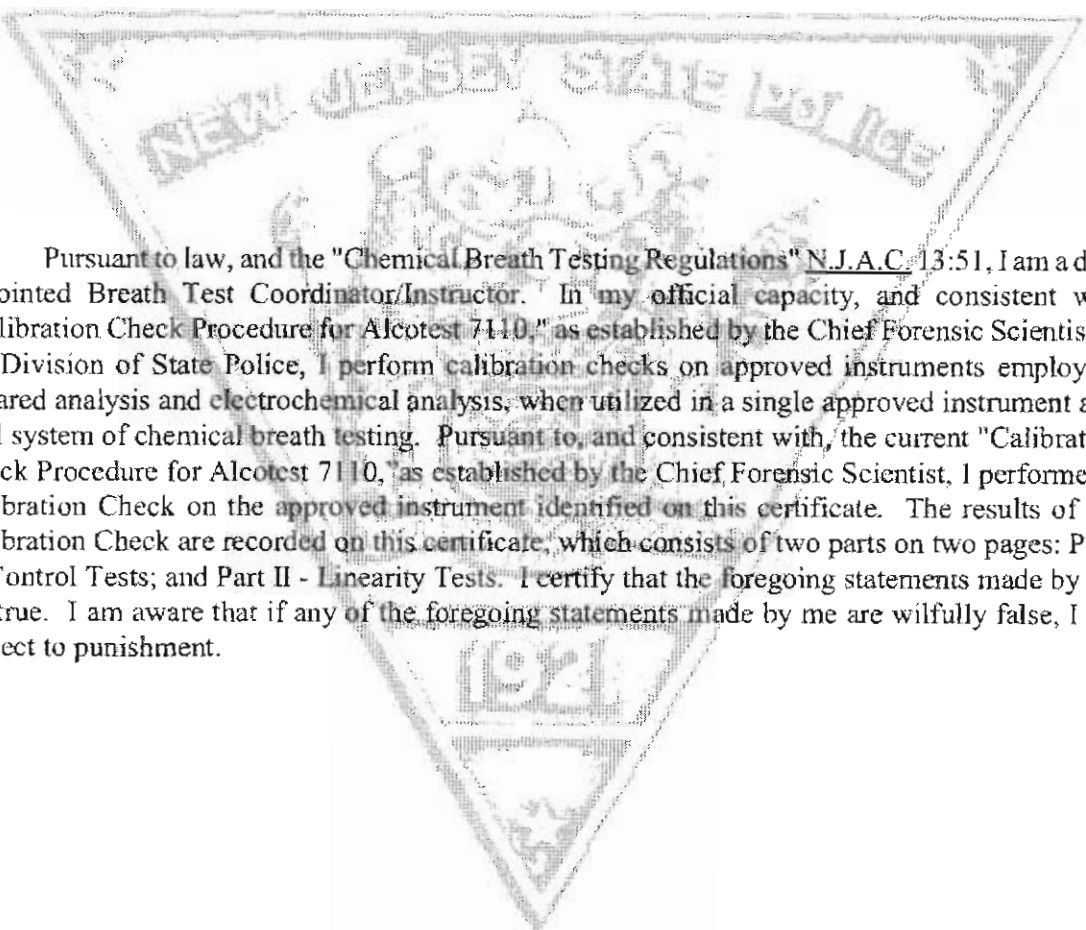
Alcotest 7110 MKIII-C  
Location: STRATFORD POLICE DEPT. Serial No.: ARNK-0039  
Calibration File No.: 02329 Calib. Date: 07/06/2016 Calib. No.: 00034  
Certification File No.: 02250 Cert. Date: 02/11/2016 Cert. No.: 00024  
Linearity File No.: 02251 Lin. Date: 02/11/2016 Lin. No.: 00023  
Solution File No.: 02323 Soln. Date: 06/18/2016 Soln. No.: 00246  
Sequential File No.: 02329 File Date: 07/06/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 08/17/2017  
Solution Control Lot: 15H143 Bottle No.: 0813

## Coordinator

Last Name: WATSON First Name: MATTHEW MI: R  
Signature: I pr. II  #7078 Badge No.: 7078  
Date: 07/06/2016

\*Black Key Temperature Probe Serial.....# DDXK P2-39A (MRW)  
\*Digital NIST Temperature Measuring System Serial.....# 150671438 (NRW)



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

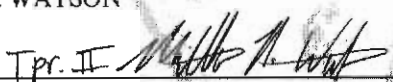
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 02329 Calib. Date: 07/06/2016 Calib. No.: 00034  
Certification File No.: 02330 Cert. Date: 07/06/2016 Cert. No.: 00025  
Linearity File No.: 02251 Lin. Date: 02/11/2016 Lin. No.: 00023  
Solution File No.: 02323 Soln. Date: 06/18/2016 Soln. No.: 00246  
Sequential File No.: 02330 File Date: 07/06/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 08/17/2017  
Solution Control Lot: 15H143 Bottle No.: 0813

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:09D		
Control 1 EC	0.099%	13:09D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:09D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 2 EC	0.098%	13:11D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		
Control 3 EC	0.098%	13:12D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:12D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		

All tests within acceptable tolerance.

### Coordinator

Last Name: WATSON First Name: MATTHEW MI: R  
Signature:  #7078 Badge No.: 7078  
Date: 07/06/2016

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.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 02329 Calib. Date: 07/06/2016 Calib. No.: 00034  
Certification File No.: 02330 Cert. Date: 07/06/2016 Cert. No.: 00025  
Linearity File No.: 02331 Lin. Date: 07/06/2016 Lin. No.: 00024  
Solution File No.: 02323 Soln. Date: 06/18/2016 Soln. No.: 00246  
Sequential File No.: 02331 File Date: 07/06/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0021  
Control Solution %: 0.040% Expires: 08/11/2017  
Solution Control Lot: 15H141 Bottle No.: 1180

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0023  
Control Solution %: 0.080% Expires: 08/13/2017  
Solution Control Lot: 15H142 Bottle No.: 0777

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0225  
Control Solution %: 0.160% Expires: 08/19/2017  
Solution Control Lot: 15H144 Bottle No.: 0371

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:25D		
Control 1 EC	0.040%	13:26D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 2 EC	0.039%	13:28D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29D		
Control 3 EC	0.079%	13:30D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32D		
Control 4 EC	0.078%	13:32D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 5 EC	0.159%	13:35D	34.1°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:35D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		
Control 6 EC	0.158%	13:37D	34.1°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:37D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39D		

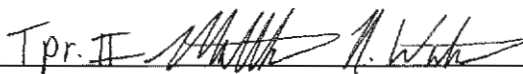
All tests within acceptable tolerance.

### Coordinator

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature: Tpr. II  # 7078

Badge No.: 7078

Date: 07/06/2016

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

**Matthew R. Watson**  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE  
**Alcotest 7110 MKIII-C**  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 8th DAY OF June

TWO THOUSAND AND Sixteen  
*[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. 08/13)

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

**Matthew R. Watson**  
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  
**Alcotest 7110 MKIII-C**  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 19th DAY OF August

TWO THOUSAND AND 19th  
*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>11-8-12</u>	<u>CCPA</u>	<u>Wm Cross</u>
2. <u>7/14/15</u>	<u>CCPA</u>	<u>Adam Gander</u>
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 03/10)





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

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Governor

KIM GUADAGNO  
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. Alaouie, 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 # 2062190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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Governor

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Lt. Governor

JOHN J. HOFFMAN  
Selling 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. Alaride, 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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 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
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 (609) 862-2000

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:** Dräger 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 16<sup>th</sup> day of September, 2015.

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



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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.

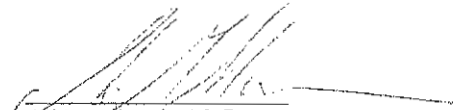
ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H144

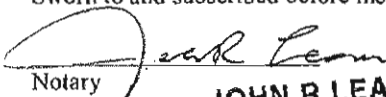
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1952 grams per 100 milliliters of solution.

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 19, 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 18 day of September, 2015.

  
 Notary  
**JOHN R LEAVER**  
 ID # 2207138  
 NOTARY PUBLIC  
 STATE OF NEW JERSEY  
 My Commission Expires Dec. 14, 2017



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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 2/19/94 Notices)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST<sup>®</sup> CU34

Serial Number:

Model: MARK IIA

DDAE - 0021

Other: \_\_\_\_\_

Certification Date

Technician

Re-Certification Due Date

8-18-15

*J.P.C.*

8-18-16



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<sup>®</sup> CU34

Serial Number:

Model: MARK IIA

DDAE - 0023

Other: \_\_\_\_\_

Certification Date

Technician

Re-Certification Due Date

8-18-15

*J.P.C.*

8-18-16



**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<sup>®</sup> CU34
- Model: MARK IA
- Other: \_\_\_\_\_

Serial Number:

DDWFS3-0225

Certification Date

8-18-15

Technician

[Signature]

Re-Certification Due Date

8-18-16

**Dräger**

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

## CERTIFICATE OF ACCURACY

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

Serial Number Temp. Probe

DDXKP2-390

Certification date:

10-30-15

Next Certification due:

10-30-16

Probe Value

107

Dräger Safety Diagnostics, Inc.  
Technical Service Department

72

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARNK-0039
Location:	STRATFORD POLICE DEPT.		
Calibration File No.:	02329	Calib. Date:	07/06/2016
Certification File No.:	02330	Cert. Date:	07/06/2016
Linearity File No.:	02331	Lin. Date:	07/06/2016
Solution File No.:	02332	Soln. Date:	07/06/2016
Sequential File No.:	02332	File Date:	07/06/2016
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUK S3-0133
Solution Control Lot:	15H140	Expires:	08/04/2017
		Bottle No.:	0174

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:46D		
Control 1 EC	0.101%	14:47D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:48D		
Control 2 EC	0.100%	14:49D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:49D		
Control 3 EC	0.099%	14:50D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:51D		


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: DDLL P1-0015 MRW

**Changed By:**

Last Name: WATSON      First Name: MATTHEW      MI: R

Signature: Tpr. II  #7078      Badge No.: 7078

Date: 07/06/2016



State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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: 09/02/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H140

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1209 to 0.1215 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 04, 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.

[Handwritten signature]

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

Sworn to and subscribed before me this 11th day of September, 2015.

[Handwritten signature: Mary E. McLaughlin]
Notary
MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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