

# ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser.#: ARUM-0073

County: BURLINGTON Date of Calibration: 01-20-2017

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. #: DDWA S3-0011

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDKJ P2-168

4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 150671438

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>16</u>	<u>230</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>16</u>	<u>250</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>16</u>	<u>220</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>16</u>	<u>260</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. DDCB-0001  
 B. 0.08% used in Calibration/Linearity Testing. DDCB-0002  
 C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]  
 D. 0.16% used in Calibration/Linearity Testing. DDBN-0007

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 #: 16330  
 D. Alcotest card of operator/coordinator who completed change.

**Dräger**

**Alcotest® 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

3-9-12

SERIAL NUMBER:

ARUM-0073

Dräger Safety Diagnostics, Inc.

AS



**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:

DDWAS3-0011

Certification Date

10-27-16

Technician

KAG

Re-Certification Due Date

10-27-17

# 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

DDUTPL-168

Certification date:

10-28-16

Next Certification due:

10-28-17

Probe Value

99

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

KAG



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-01805-2006-AQ-HOU-RvA.  
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

# Alcotest 7110 Calibration Record

## Equipment

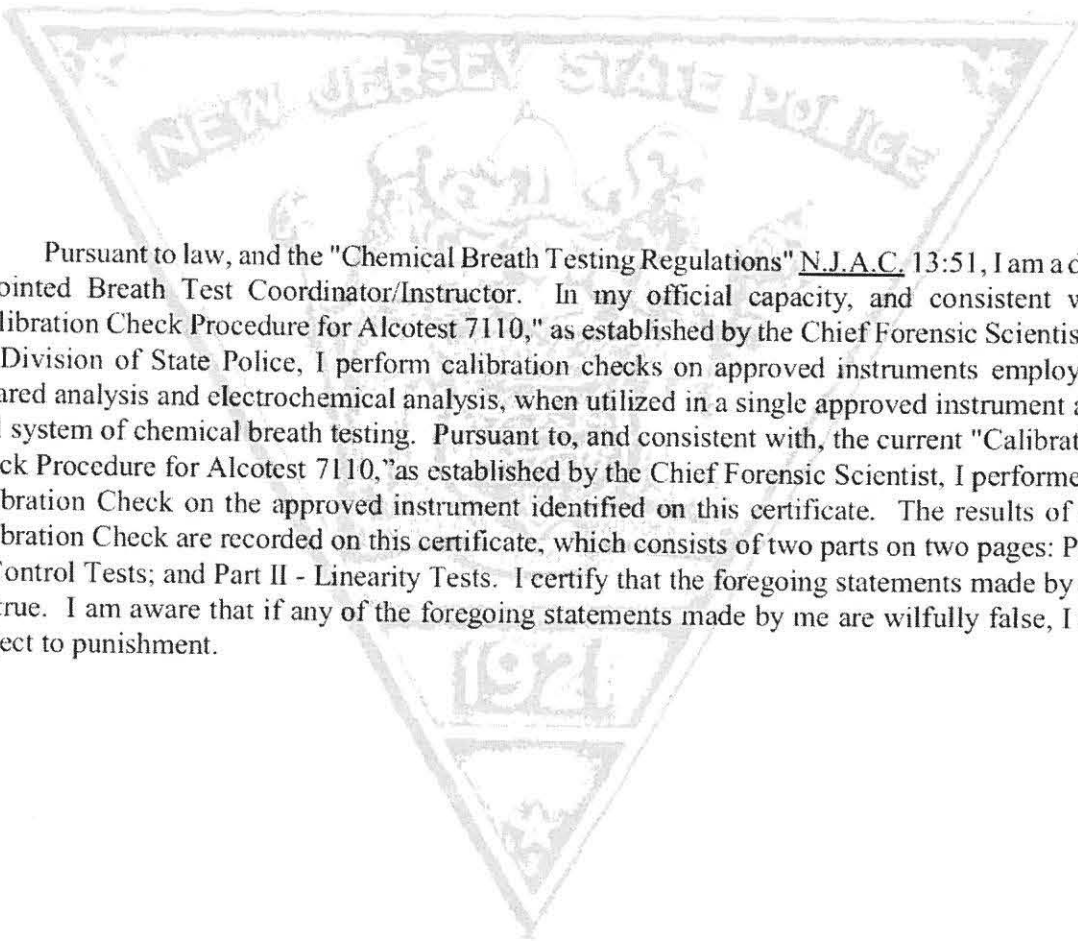
Alcotest 7110 MKIII-C  
Location: MERCHANTVILLE POLICE  
Serial No.: ARUM-0073  
Calibration File No.: 00862  
Calib. Date: 01/20/2017  
Calib. No.: 00032  
Certification File No.: 00845  
Cert. Date: 07/28/2016  
Cert. No.: 00025  
Linearity File No.: 00846  
Lin. Date: 07/28/2016  
Lin. No.: 00025  
Solution File No.: 00861  
Soln. Date: 01/18/2017  
Soln. No.: 00214  
Sequential File No.: 00862  
File Date: 01/20/2017

Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDWA S3-0011  
Control Solution %: 0.100%  
Expires: 09/07/2018  
Solution Control Lot: 16220  
Bottle No.: 1205

## Coordinator

Last Name: WATSON  
First Name: MATTHEW  
MI: R  
Signature: *Mr. II [Signature]* # 7078  
Badge No.: 7078  
Date: 01/20/2017

\*Black Key Temperature Probe Serial.....# DDX KP2-390 MRW  
\*Digital NIST Temperature Measuring System Serial.....# 150671438 MRW



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.: ARUM-0073  
Location: MERCHANTVILLE POLICE  
Calibration File No.: 00862 Calib. Date: 01/20/2017 Calib. No.: 00032  
Certification File No.: 00863 Cert. Date: 01/20/2017 Cert. No.: 00026  
Linearity File No.: 00846 Lin. Date: 07/28/2016 Lin. No.: 00025  
Solution File No.: 00861 Soln. Date: 01/18/2017 Soln. No.: 00214  
Sequential File No.: 00863 File Date: 01/20/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011  
Control Solution %: 0.100% Expires: 09/07/2018  
Solution Control Lot: 16220 Bottle No.: 1205

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:38S		
Control 1 EC	0.097%	09:39S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	09:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:40S		
Control 2 EC	0.098%	09:41S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:42S		
Control 3 EC	0.097%	09:42S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	09:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:43S		


All tests within acceptable tolerance.

### Coordinator

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature: 

# 7078

Badge No.: 7078

Date: 01/20/2017

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  
Location: MERCHANTVILLE POLICE  
Serial No.: ARUM-0073  
Calibration File No.: 00862      Calib. Date: 01/20/2017      Calib. No.: 00032  
Certification File No.: 00863      Cert. Date: 01/20/2017      Cert. No.: 00026  
Linearity File No.: 00864      Lin. Date: 01/20/2017      Lin. No.: 00026  
Solution File No.: 00861      Soln. Date: 01/18/2017      Soln. No.: 00214  
Sequential File No.: 00864      File Date: 01/20/2017

Calibrating Unit: WET      Model No.: CU-34      Serial No.: DDCB-0001  
Control Solution %: 0.040%      Expires: 09/19/2018  
Solution Control Lot: 16230      Bottle No.: 1415

Calibrating Unit: WET      Model No.: CU-34      Serial No.: DDCB-0002  
Control Solution %: 0.080%      Expires: 09/27/2018  
Solution Control Lot: 16250      Bottle No.: 0746

Calibrating Unit: WET      Model No.: CU-34      Serial No.: DDBN-0007  
Control Solution %: 0.160%      Expires: 10/03/2018  
Solution Control Lot: 16260      Bottle No.: 0703

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:55S		
Control 1 EC	0.041%	09:56S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	09:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S		
Control 2 EC	0.040%	09:58S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	09:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:00S		
Control 3 EC	0.081%	10:01S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	10:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:02S		
Control 4 EC	0.081%	10:03S	34.1°C	*** TEST PASSED ***
Control 4 IR	0.081%	10:03S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:05S		
Control 5 EC	0.165%	10:06S	34.1°C	*** TEST PASSED ***
Control 5 IR	0.163%	10:06S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:07S		
Control 6 EC	0.159%	10:08S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	10:08S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:10S		

All tests within acceptable tolerance.

### Coordinator

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature: *Tracy II Matthew J. Watson #7078*

Badge No.: 7078

Date: 01/20/2017

DEPARTMENT OF  
**Law 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 1966 IN THE OPERATION OF THE 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]*  
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

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

TWO THOUSAND AND Ten

*[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>GCPA</u>	<u>Wm Ross</u>
2. <u>7/14/15</u>	<u>CMPA</u>	<u>Adam Standa</u>
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
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: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 19, 2018.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

[Handwritten signature of Ali M. Alaoui]

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

Sworn to and subscribed before me this 28th day of September, 2016.

[Handwritten signature of Mary Elizabeth McLaughlin]

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



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CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

CHRISTOPHER S. PORRINO  
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: Draeger Safety, Inc.

ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 27, 2018.

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 5<sup>th</sup> day of October, 2016.

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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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: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 07, 2018.

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.

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

Sworn to and subscribed before me this 19th day of September, 2016.

[Signature]
Notary

MARY ELIZABETH MCLAUGHLIN

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



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CHRISTOPHER S. PORRINO  
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: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 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 October 3, 2018.

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 17 day of October, 2016.

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 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDCB-0001

Certification Date

Technician

Re-Certification Due Date

09-23-16

RAG

09-23-17



**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:

DDCB-0002

Certification Date

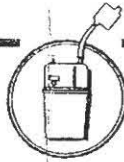
Technician

Re-Certification Due Date

10-4-16

72

10-4-17



**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:

DOB N - 0007

Certification Date

Technician

Re-Certification Due Date

09-28-16

KAJ

09-28-17

# 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

Certification date:

Next Certification due:

DDXK PL-390

09-30-16

09-30-17

Probe Value

104

Draeger Safety Diagnostics, Inc.  
Technical Service Department

KAJ

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARUM-0073
Location:	MERCHANTVILLE POLICE	
Calibration File No.:	00862	Calib. Date: 01/20/2017
Certification File No.:	00863	Calib. No.: 00032
Linearity File No.:	00864	Cert. Date: 01/20/2017
Solution File No.:	00865	Cert. No.: 00026
Sequential File No.:	00865	Lin. Date: 01/20/2017
		Lin. No.: 00026
		Soln. Date: 01/20/2017
		Soln. No.: 00215
		File Date: 01/20/2017
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWA S3-0011
Solution Control Lot:	16330	Expires: 10/28/2018
		Bottle No.: 0646

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:17S		
Control 1 EC	0.101%	11:17S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.104%	11:17S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:18S		
Control 2 EC	0.100%	11:19S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:20S		
Control 3 EC	0.100%	11:21S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	11:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:22S		

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: DDUJ P2-168


MRW

**Changed By:**

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature:  #7078

#7078

Badge No.: 7078

Date: 01/20/2017



State of New Jersey

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DIVISION OF STATE POLICE
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Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
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: 11/16/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16330

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1207 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 October 28, 2018.

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 17th day of November, 2016.

[Handwritten signature of Notary]

Notary

MARY ELIZABETH MCLAUGHLIN

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



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