

# ALCOTEST CHECKLIST

Municipality: LONGPORT Alcotest Ser. #: ARXA-0067  
County: ATLANTIC Date of Calibration: 09-12-18

- 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. #: DDXC 53-0135
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWA P2-199
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 170 428 368
- 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. #: DDWA P2-024
- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - A. 0.04% Solution. 17240
  - B. 0.08% Solution. 17250
  - C. 0.10% Solution. 17230
  - D. 0.16% Solution. 17200
- 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-0017
  - B. 0.08% used in Calibration/Linearity Testing. DDAE-0017
  - C. 0.10% used in Calibration/Linearity Testing. DDAE-0021  
[Same as CU34 unit on instrument.]
  - D. 0.16% used in Calibration/Linearity Testing. DDAE-0024
- 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 #: 18050
  - 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 48765. 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:

1-10-14

SERIAL NUMBER:

ARXA-00107

Dräger Safety Diagnostics, Inc.

BC

**Dräger**

**Simulator**

**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, Inc.

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

Serial Number:

DDXCS3-0135

Certification Date:  
6-15-18

Technician:  
BS

Re-Certification Due Date:  
6-15-19

**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's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:  
DDWA P2-199

Certification Date:  
6-18-18

Next Certification Due:  
6-18-19

Probe Value:  
102

Draeger, Inc. BS



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



Cert. No.: 4000-8609168

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: 170428368      Manufacturer Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/06/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5202	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5356	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	5357	1/06/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

**Certificate Information:**

Technician: 104      Procedure: CAL-06      Cal Date: 6/08/17      Due Date: 6/08/19  
Test Conditions: 23.5°C      50.0 %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.		0.002	0.001	Y	-0.048	0.052	0.010	>4.1
°C		N.A.		25.003	25.000	Y	24.953	25.053	0.010	>4.1
°C		N.A.		50.002	50.001	Y	49.962	50.052	0.010	>4.1
°C		N.A.		100.001	99.998	Y	99.951	100.051	0.010	>4.1

**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 12554 Galveston RD Suite B230 Webster TX USA 77598  
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-01805-2000-AQ-HOU-RvA  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

# Alcotest 7110 Calibration Record

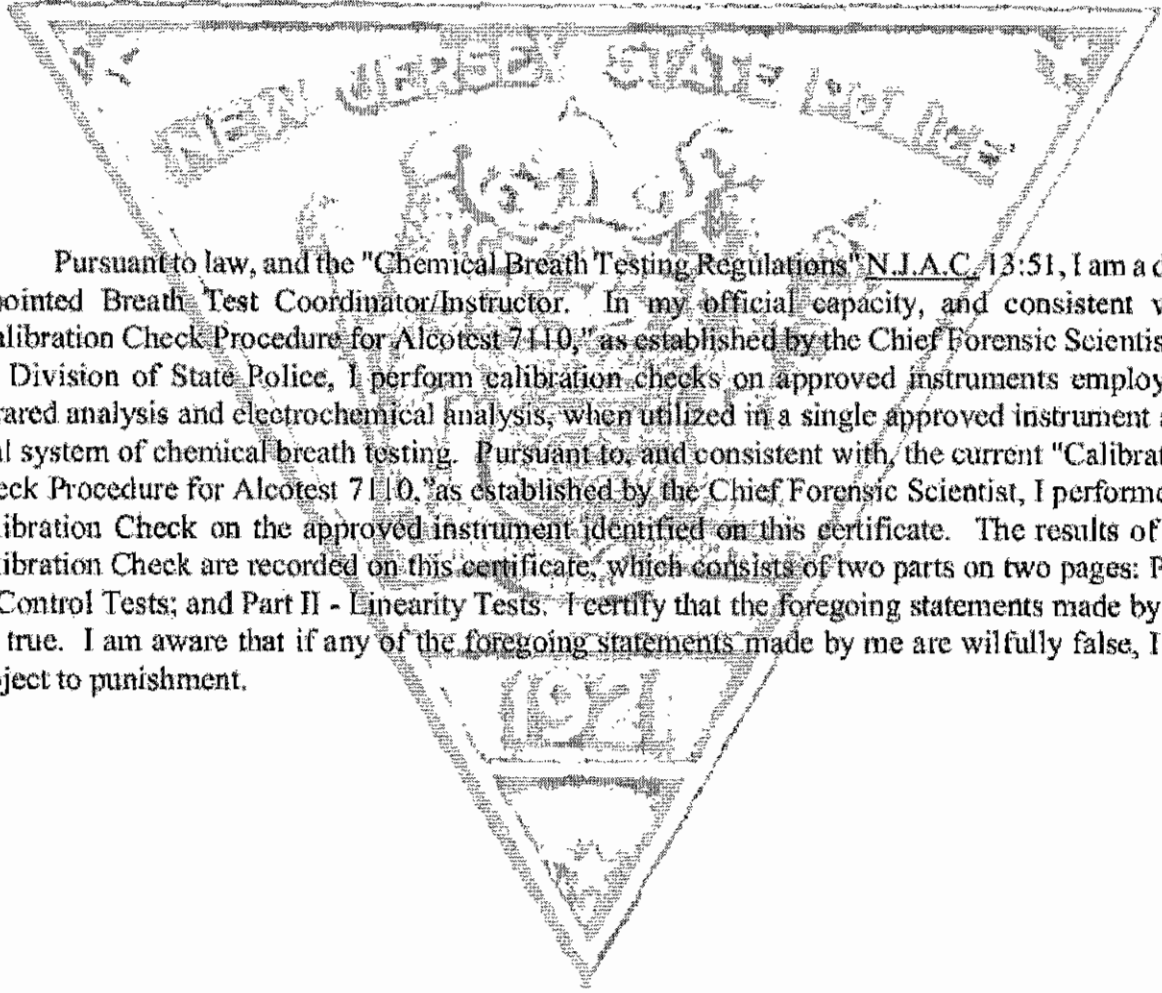
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0067  
Location: LONGPORT POLICE  
Calibration File No.: 00852 Calib. Date: 09/12/2018 Calib. No.: 00033  
Certification File No.: 00838 Cert. Date: 03/28/2018 Cert. No.: 00026  
Linearity File No.: 00839 Lin. Date: 03/28/2018 Lin. No.: 00026  
Solution File No.: 00850 Soln. Date: 08/17/2018 Soln. No.: 00218  
Sequential File No.: 00852 File Date: 09/12/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0135  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 0967

## Coordinator

Last Name: ALCOTT First Name: KEVIN MI: W.  
Signature: Sgt. K W. A #6704 Badge No.: 6704  
Date: 09/12/2018

\*Black Key Temperature Probe Serial.....# ΔΔWA P2-024 (KA)  
\*Digital NIST Temperature Measuring System Serial.....# 170 428 368 (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.

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0067  
Location: LONGPORT POLICE  
Calibration File No.: 00852 Calib. Date: 09/12/2018 Calib. No.: 00033  
Certification File No.: 00853 Cert. Date: 09/12/2018 Cert. No.: 00027  
Linearity File No.: 00839 Lin. Date: 03/28/2018 Lin. No.: 00026  
Solution File No.: 00850 Soln. Date: 08/17/2018 Soln. No.: 00218  
Sequential File No.: 00853 File Date: 09/12/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0135  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 0967

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:43D		
Control 1 EC	0.100%	12:44D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:45D		
Control 2 EC	0.098%	12:45D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:46D		
Control 3 EC	0.099%	12:47D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:48D		

All tests within acceptable tolerance.

### Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Sgt. K. W. #6704

Badge No.: 6704

Date: 09/12/2018

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.: ARXA-0067  
Location: LONGPORT POLICE  
Calibration File No.: 00852 Calib. Date: 09/12/2018 Calib. No.: 00033  
Certification File No.: 00853 Cert. Date: 09/12/2018 Cert. No.: 00027  
Linearity File No.: 00854 Lin. Date: 09/12/2018 Lin. No.: 00027  
Solution File No.: 00850 Soln. Date: 08/17/2018 Soln. No.: 00218  
Sequential File No.: 00854 File Date: 09/12/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0017  
Control Solution %: 0.040% Expires: 08/10/2019  
Solution Control Lot: 17240 Bottle No.: 0116

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0021  
Control Solution %: 0.080% Expires: 08/15/2019  
Solution Control Lot: 17250 Bottle No.: 0372

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0024  
Control Solution %: 0.160% Expires: 08/21/2019  
Solution Control Lot: 17260 Bottle No.: 0123

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:59D		
Control 1 EC	0.041%	13:00D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01D		
Control 2 EC	0.040%	13:02D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	13:02D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:04D		
Control 3 EC	0.080%	13:04D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:04D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:06D		
Control 4 EC	0.080%	13:07D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:07D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:08D		
Control 5 EC	0.159%	13:09D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	13:09D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 6 EC	0.158%	13:11D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		

All tests within acceptable tolerance.

### Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Sgt. K W. [Signature] #6704

Badge No.: 6704

Date: 09/12/2018

DEPARTMENT OF  
**Traffic and Public Safety**  
We do to certify that

**Kevin W. Alcott**

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION COURSES PURSUANT TO CHAPTER 106 OF THE LAWS OF 1966 IN THE OPERATION OF THE  
A NETWORK TO REFINANCE RECOGNITION  
NEW JERSEY STATE POLICE AT LOCATION NEW JERSEY

Alcotest 7110 MKIII-C

21st DAY OF May

TWO THOUSAND AND Fifteen

*[Signature]*  
SUPERVISOR  
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. 2838 (Rev. 08/13)

DEPARTMENT OF  
**Traffic and Public Safety**  
We do to certify that

**KEVIN W. ALCOTT**

NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION COURSES PURSUANT TO CHAPTER 106 OF THE LAWS OF 1966 IN THE OPERATION OF THE  
A NETWORK TO REFINANCE RECOGNITION  
NEW JERSEY STATE POLICE AT LOCATION NEW JERSEY

Alcotest 7110 MKIII-C

8th DAY OF APRIL

TWO THOUSAND AND EIGHT

*[Signature]*  
SUPERVISOR  
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. Jay
2. 1-12-12	Berwyn Co PA	C.D.
3. 1-16-14	SAYREVILLE NJ	R. Jay
4. 1/21/16	Lakehurst	Adam Stanley
5. 1/16/18	LAKEHURST	Adam Stanley
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 2838 (Rev. 07/17)





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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WEST TRENTON, NJ 08628-0068
(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. POIRINO
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: 08/29/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0483 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 10, 2019.

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 30th day of August, 2017.

[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

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

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: 09/07/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0963 to 0.0973 grams per 100 milliliters of solution.

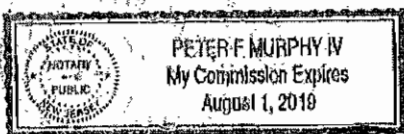
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 15, 2019.

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

Sworn to and subscribed before me this 11 day of September, 2017.

[Signature]
Notary



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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: 08/24/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17230

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 0.1216 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 07, 2019.

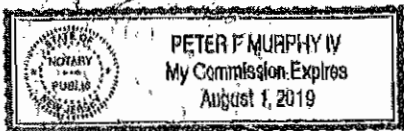
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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 24 day of August, 2017.

[Handwritten signature]
Notary



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State of New Jersey

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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: 09/12/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1937 to 0.1957 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 21, 2019.

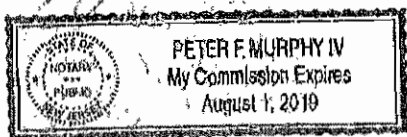
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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. Afaouie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 13 day of September, 2017.

[Handwritten signature]
Notary



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**Dräger**

**Simulator**

**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, Inc.

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

Serial Number:  
DDAE-0017

Certification Date:  
7-23-18

Technician:  
BS

Re-Certification Due Date:  
7-23-19

**Dräger**

**Simulator**

**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, Inc.

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

Serial Number:  
DDAE-0021

Certification Date:  
7-13-18

Technician:  
BS

Re-Certification Due Date:  
7-13-19

**Dräger**

**Simulator**

**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, Inc.

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

Serial Number:  
DDAE-0024

Certification Date: 7-13-18 Technician: BS Re-Certification Due Date: 7-13-19

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe: DDWA P2-024 Certification Date: 7-12-18 Next Certification Due: 7-12-19

Probe Value: 100 Draeger, Inc. BS





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

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: 02/14/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18050

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1229 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 January 31, 2020.

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. Alaouie]

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

Sworn to and subscribed before me this 15th day of February, 2018.
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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