

Alcotest 7110 Calibration Record

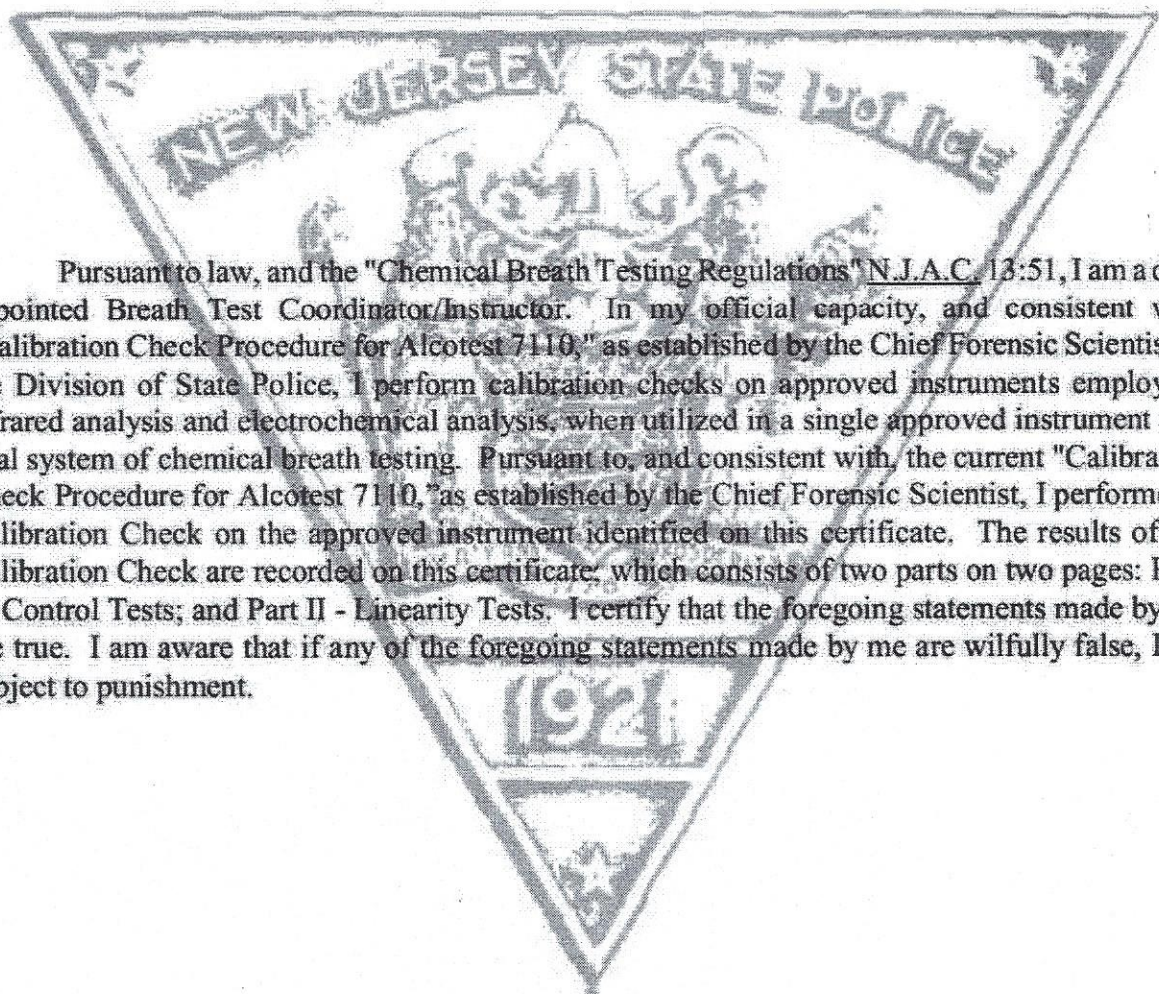
Equipment Alcotest 7110 MKIII-C Serial No.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01644 Calib. Date: 07/24/2018 Calib. No.: 00036
Certification File No.: 01584 Cert. Date: 02/16/2018 Cert. No.: 00026
Linearity File No.: 01585 Lin. Date: 02/16/2018 Lin. No.: 00026
Solution File No.: 01634 Soln. Date: 07/07/2018 Soln. No.: 00279
Sequential File No.: 01644 File Date: 07/24/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0441
Control Solution %: 0.100% Expires: 10/10/2018
Solution Control Lot: 16270 Bottle No.: 0478

Coordinator

Last Name: ALCOTT First Name: KEVIN MI: W.
Signature: Sgt. K. W. [Signature] #6704 Badge No.: 6704
Date: 07/24/2018

*Black Key Temperature Probe Serial.....# MAXKP2-396 (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.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01644 Calib. Date: 07/24/2018 Calib. No.: 00036
Certification File No.: 01645 Cert. Date: 07/24/2018 Cert. No.: 00027
Linearity File No.: 01585 Lin. Date: 02/16/2018 Lin. No.: 00026
Solution File No.: 01634 Soln. Date: 07/07/2018 Soln. No.: 00279
Sequential File No.: 01645 File Date: 07/24/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0441
Control Solution %: 0.100% Expires: 10/10/2018
Solution Control Lot: 16270 Bottle No.: 0478

| Function | Result %BAC | Time HH:MM | Temperature Simulator (°C) | Comment(s) or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000% | 07:31D | | |
| Control 1 EC | 0.099% | 07:32D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.100% | 07:32D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 07:32D | | |
| Control 2 EC | 0.098% | 07:33D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.099% | 07:33D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 07:34D | | |
| Control 3 EC | 0.098% | 07:34D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.099% | 07:34D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 07:35D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Sgt. K. W. A. #6704

Badge No.: 6704

Date: 07/24/2018

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
SEASIDE HEIGHTS POLICE
Serial No.: ARWJ-0018

Location:
Calibration File No.: 01644
Certification File No.: 01645
Linearity File No.: 01646
Solution File No.: 01634
Sequential File No.: 01646

Calib. Date: 07/24/2018
Cert. Date: 07/24/2018
Lin. Date: 07/24/2018
Soln. Date: 07/07/2018
File Date: 07/24/2018

Calib. No.: 00036
Cert. No.: 00027
Lin. No.: 00027
Soln. No.: 00279

Calibrating Unit: WET
Control Solution %: 0.040%
Solution Control Lot: 16230

Model No.: CU-34
Serial No.: DDWE S3-0206
Expires: 09/19/2018
Bottle No.: 0541

Calibrating Unit: WET
Control Solution %: 0.080%
Solution Control Lot: 16250

Model No.: CU-34
Serial No.: DDWF S3-0218
Expires: 09/27/2018
Bottle No.: 0237

Calibrating Unit: WET
Control Solution %: 0.160%
Solution Control Lot: 16260

Model No.: CU-34
Serial No.: DDWJ S3-0334
Expires: 10/03/2018
Bottle No.: 0449

| Function | Result %BAC | Time HH:MM | Temperature Simulator (°C) | Comment(s) or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000% | 07:56D | | |
| Control 1 EC | 0.041% | 07:57D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.039% | 07:57D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 07:59D | | |
| Control 2 EC | 0.040% | 07:59D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.040% | 07:59D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 08:01D | | |
| Control 3 EC | 0.080% | 08:02D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.080% | 08:02D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 08:03D | | |
| Control 4 EC | 0.079% | 08:04D | 34.0°C | *** TEST PASSED *** |
| Control 4 IR | 0.078% | 08:04D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 08:05D | | |
| Control 5 EC | 0.160% | 08:06D | 34.0°C | *** TEST PASSED *** |
| Control 5 IR | 0.160% | 08:06D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 08:08D | | |
| Control 6 EC | 0.158% | 08:09D | 34.0°C | *** TEST PASSED *** |
| Control 6 IR | 0.159% | 08:09D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 08:10D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: _____

Sgt. K W. #6704

Badge No.: 6704

Date: 07/24/2018

Calibrating Unit

New Standard Solution Report

| | | | |
|-------------------------|------------------------|--------------|------------|
| Equipment | Alcotest 7110 MKIII-C | Serial No.: | ARWJ-0018 |
| Location: | SEASIDE HEIGHTS POLICE | | |
| Calibration File No.: | 01644 | Calib. Date: | 07/24/2018 |
| Certification File No.: | 01645 | Cert. Date: | 07/24/2018 |
| Linearity File No.: | 01646 | Lin. Date: | 07/24/2018 |
| Solution File No.: | 01647 | Soln. Date: | 07/24/2018 |
| Sequential File No.: | 01647 | File Date: | 07/24/2018 |

| | | | | | |
|-----------------------|--------|------------|-------|-------------|--------------|
| Calibrating Unit: | WET | Model No.: | CU-34 | Serial No.: | DDWL S3-0441 |
| Control Solution %: | 0.100% | | | Expires: | 12/11/2019 |
| Solution Control Lot: | 17420 | | | Bottle No.: | 0493 |

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 09:20D | | |
| Control 1 EC | 0.101% | 09:20D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.101% | 09:20D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 09:21D | | |
| Control 2 EC | 0.100% | 09:22D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.100% | 09:22D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 09:23D | | |
| Control 3 EC | 0.100% | 09:23D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.100% | 09:23D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 09:24D | | |

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: DAWJ PZ-064 (KA)

Changed By:
 Last Name: ALCOTT First Name: KEVIN MI: W.

Signature: Sgt. K. W. #6704 Badge No.: 6704 Date: 07/24/2018

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:
DDWES3-0206

Certification Date: 9-26-17 Technician: BC Re-Certification Due Date: 9-26-18

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:
DDWES3-0218

Certification Date: 9-26-17 Technician: BC Re-Certification Due Date: 9-26-18

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:

DDWJ53-0334

Certification Date:

9-27-17

Technician:

BC

Re-Certification Due Date:

9-27-18

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:

DDXKP2-396

Certification Date:

9-8-17

Next Certification Due:

9-8-18

Probe Value:

104

Dräger, Inc.

BC



Calibration
Certificate No. 1750.01

Calibration complies with ISO/IEC
17025, ANSI/NC SL 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 | 49.952 | 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-01805-2008-AQ-HOU-RvA
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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
0.10 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: 10/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16270

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 October 10, 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. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of October, 2016.

[Handwritten signature of John R. Leaver]

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



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Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 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]

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

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

[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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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: 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.

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

Sworn to and subscribed before me this 5th day of October, 2016.

[Signature]
Notary

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



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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.

[Handwritten signature]

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

Sworn to and subscribed before me this 13 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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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: 01/24/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17420

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1230 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 December 11, 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 of Ali M. Alaoui]

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

Sworn to and subscribed before me this 25th day of January, 2018.

[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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DEPARTMENT OF
Traffic and Public Safety
We're in to certify that

Kevin W. Alcott

Breath Test Coordinator/Instructor

I CHALLENGED AND CONSENTED TO CONDUCT COURSE REQUIRING AN INDIVIDUAL NECESSARY TO CARRY OUT OF THE LAWS OF THIS STATE IN THE OPERATION OF THE ALCOHOL TEST 7110 MKIII-C
A LICENSE TO OPERATE A MOTOR VEHICLE
GIVEN UNDER MY HAND AT CEDRONA NEW JERSEY ON 21st DAY OF May

THIS RECORD IS 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. 2938 (Rev. 08/13)

DEPARTMENT OF
Traffic and Public Safety
We're in to certify that

KEVIN W. ALCOTT

NEW JERSEY STATE POLICE

I CHALLENGED AND CONSENTED TO CONDUCT COURSE REQUIRING AN INDIVIDUAL NECESSARY TO CARRY OUT OF THE LAWS OF THIS STATE IN THE OPERATION OF THE ALCOHOL TEST 7110 MKIII-C
A LICENSE TO OPERATE A MOTOR VEHICLE
GIVEN UNDER MY HAND AT CEDRONA NEW JERSEY ON 21st DAY OF APRIL

THIS RECORD IS 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. TAY |
| 2. 1-12-12 | BEAVER LODGE | C. J. |
| 3. 1-16-14 | SAVILEVILLE PA | R. TAY |
| 4. 1/21/16 | LAKEHURST | Adam Stanley |
| 5. 1/16/18 | LAKEHURST | Adam Stanley |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |

S.P. 2938 (Rev. 07/07)

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:

10-12-14

SERIAL NUMBER:

ARWJ-0018

Draeger 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:
DDWL 53 - 0441

Certification Date:
02/16/2018

Technician:
JM

Re-Certification Due Date:
02/16/2019

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: DDWJPA-064 Certification Date: 02.15.18 Next Certification Due: 02.15.19

Probe Value:
98

Draeger, Inc. Rog