

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: GLEN ROCK POLICE
Serial No.: ARXD-0001
Calibration File No.: 00685
Calib. Date: 11/15/2018
Calib. No.: 00034
Certification File No.: 00671
Cert. Date: 05/31/2018
Cert. No.: 00027
Linearity File No.: 00672
Lin. Date: 05/31/2018
Lin. No.: 00027
Solution File No.: 00684
Soln. Date: 11/13/2018
Soln. No.: 00154
Sequential File No.: 00685
File Date: 11/15/2018

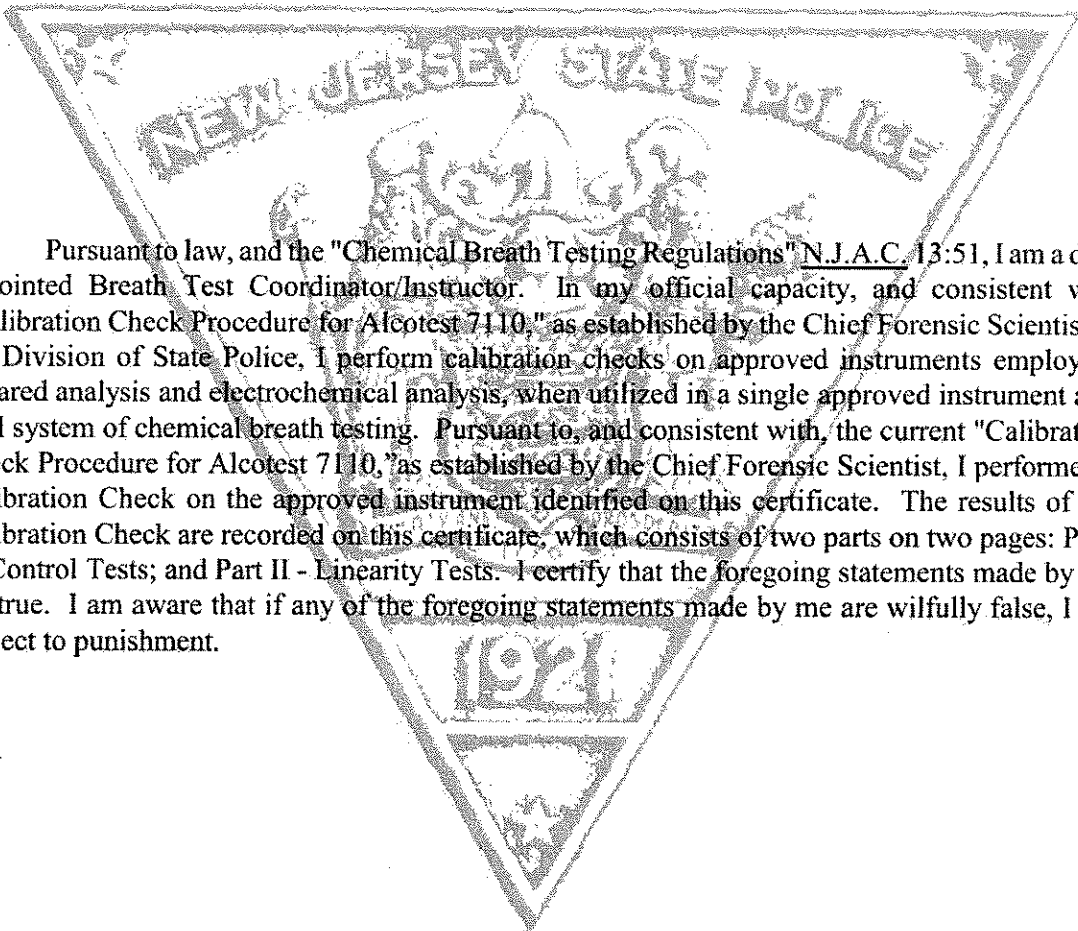
Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 17230
Model No.: CU-34
Serial No.: DDZJ-0090
Expires: 08/07/2019
Bottle No.: 0407

Coordinator

Last Name: KOZIEL
First Name: BARTLOMIEJ
MI:
Signature: T. I. B. Koziel # 7041
Badge No.: 7041
Date: 11/15/2018

*Black Key Temperature Probe Serial.....# DDHH P2-077 (BK)

*Digital NIST Temperature Measuring System Serial.....# 170297888 (BK)



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.: ARXD-0001
Location: GLEN ROCK POLICE
Calibration File No.: 00685 Calib. Date: 11/15/2018 Calib. No.: 00034
Certification File No.: 00686 Cert. Date: 11/15/2018 Cert. No.: 00028
Linearity File No.: 00672 Lin. Date: 05/31/2018 Lin. No.: 00027
Solution File No.: 00684 Soln. Date: 11/13/2018 Soln. No.: 00154
Sequential File No.: 00686 File Date: 11/15/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDZJ-0090
Control Solution %: 0.100% Expires: 08/07/2019
Solution Control Lot: 17230 Bottle No.: 0407

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 11:18S | | |
| Control 1 EC | 0.100% | 11:18S | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.098% | 11:18S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:19S | | |
| Control 2 EC | 0.098% | 11:20S | 33.9°C | *** TEST PASSED *** |
| Control 2 IR | 0.099% | 11:20S | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:20S | | |
| Control 3 EC | 0.098% | 11:21S | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.099% | 11:21S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:22S | | |

All tests within acceptable tolerance.

Coordinator

Last Name: KOZIEL

First Name: BARTLOMIEJ

MI:

Signature: _____

T. F. B. Koziel # 7041

Badge No.: 7041

Date: 11/15/2018

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.: ARXD-0001 |
| Location: | GLEN ROCK POLICE | |
| Calibration File No.: | 00685 | Calib. Date: 11/15/2018 |
| Certification File No.: | 00686 | Calib. No.: 00034 |
| Linearity File No.: | 00687 | Cert. Date: 11/15/2018 |
| Solution File No.: | 00684 | Cert. No.: 00028 |
| Sequential File No.: | 00687 | Lin. Date: 11/15/2018 |
| | | Lin. No.: 00028 |
| | | Soln. Date: 11/13/2018 |
| | | Soln. No.: 00154 |
| | | File Date: 11/15/2018 |
| | | |
| Calibrating Unit: | WET | Model No.: CU-34 |
| Control Solution %: | 0.040% | Serial No.: DDXD S3-0188 |
| Solution Control Lot: | 17240 | Expires: 08/10/2019 |
| | | Bottle No.: 0481 |
| | | |
| Calibrating Unit: | WET | Model No.: CU-34 |
| Control Solution %: | 0.080% | Serial No.: DDXD S3-0191 |
| Solution Control Lot: | 17250 | Expires: 08/15/2019 |
| | | Bottle No.: 0182 |
| | | |
| Calibrating Unit: | WET | Model No.: CU-34 |
| Control Solution %: | 0.160% | Serial No.: DDCN-0053 |
| Solution Control Lot: | 17260 | Expires: 08/21/2019 |
| | | Bottle No.: 1325 |

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 11:32S | | |
| Control 1 EC | 0.043% | 11:32S | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.040% | 11:32S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:34S | | |
| Control 2 EC | 0.041% | 11:34S | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.040% | 11:34S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:36S | | |
| Control 3 EC | 0.083% | 11:37S | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.079% | 11:37S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:38S | | |
| Control 4 EC | 0.082% | 11:39S | 34.0°C | *** TEST PASSED *** |
| Control 4 IR | 0.080% | 11:39S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:40S | | |
| Control 5 EC | 0.163% | 11:41S | 34.0°C | *** TEST PASSED *** |
| Control 5 IR | 0.160% | 11:41S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:42S | | |
| Control 6 EC | 0.162% | 11:43S | 34.0°C | *** TEST PASSED *** |
| Control 6 IR | 0.158% | 11:43S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 11:44S | | |

All tests within acceptable tolerance.

Coordinator

Last Name: KOZIEL

First Name: BARTLOMIEJ

MI:

Signature: _____

T. I. B. Koziel # 7041

Badge No.: 7041

Date: 11/15/2018

Calibrating Unit New Standard Solution Report

| | | |
|-------------------------|-----------------------|-------------------------|
| Equipment | Alcotest 7110 MKIII-C | Serial No.: ARXD-0001 |
| Location: | GLEN ROCK POLICE | |
| Calibration File No.: | 00685 | Calib. Date: 11/15/2018 |
| Certification File No.: | 00686 | Calib. No.: 00034 |
| Linearity File No.: | 00687 | Cert. Date: 11/15/2018 |
| Solution File No.: | 00688 | Cert. No.: 00028 |
| Sequential File No.: | 00688 | Lin. Date: 11/15/2018 |
| | | Lin. No.: 00028 |
| | | Soln. Date: 11/15/2018 |
| | | Soln. No.: 00155 |
| | | File Date: 11/15/2018 |
| | | |
| Calibrating Unit: | WET | Model No.: CU-34 |
| Control Solution %: | 0.100% | Serial No.: DDZJ-0090 |
| Solution Control Lot: | 18090 | Expires: 03/13/2020 |
| | | Bottle No.: 0709 |

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 13:00S | | |
| Control 1 EC | 0.101% | 13:01S | 33.9°C | *** TEST PASSED *** |
| Control 1 IR | 0.100% | 13:01S | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:02S | | |
| Control 2 EC | 0.099% | 13:02S | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.100% | 13:02S | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:03S | | |
| Control 3 EC | 0.100% | 13:04S | 33.9°C | *** TEST PASSED *** |
| Control 3 IR | 0.099% | 13:04S | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:04S | | |

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: DDUN P2-368 (BK)

Changed By:

| | | |
|------------------------------------------|------------------------|------------------|
| Last Name: KOZIEL | First Name: BARTLOMIEJ | MI: |
| Signature: <u><i>Tim I B. Koziel</i></u> | # 7041 | Badge No.: 7041 |
| | | Date: 11/15/2018 |

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:

7-27-15

SERIAL NUMBER:

ARXD-0001

Dräger Safety Diagnostics, Inc.

BC



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-8483336

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: 170297888 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: 4/22/17 Due Date: 4/22/19
 Test Conditions: 23.9°C 61.0 %RH 1012 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. | | 25.000 | 24.999 | Y | 24.950 | 25.050 | 0.010 | >4:1 |
| °C | | N.A. | | 49.998 | 50.000 | Y | 49.948 | 50.048 | 0.010 | >4:1 |
| °C | | N.A. | | 99.998 | 100.003 | Y | 99.948 | 100.048 | 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 Judice
Aaron Judice, Technical Manager

Maintaining Accuracy:

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

Recalibration:

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

CONTROL COMPANY 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).

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:

DDXD53-0188

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)
Dräger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDXD53-0191

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:
DDCN-0053

Certification Date: 7-23-18 Technician: BS Re-Certification Due Date: 7-23-19

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: DDHHP2-077 Certification Date: 7-12-18 Next Certification Due: 7-12-19

Probe Value: 100 Draeger, Inc. BS

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:

DDZJ-0090

Certification Date:

11-8-18

Technician:

BS

Re-Certification Due Date:

11-8-19

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:

DDUN P2-368

Certification Date:

11-8-18

Next Certification Due:

11-8-19

Probe Value:

102

Dräger, Inc.

BS



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: 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.

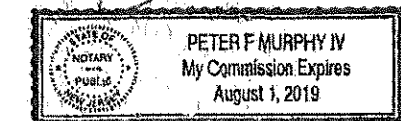
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

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 of Notary]



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State of New Jersey

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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 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 of Ali M. Alaouie]

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]

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



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State of New Jersey

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CHRIS CHRISTIE
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Lt. Governor

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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.

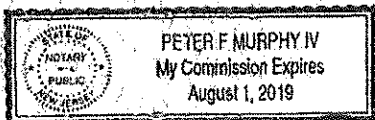
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

[Handwritten signature]

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

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

[Handwritten signature]
Notary



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State of New Jersey

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Governor

KIM GUADAGNO
Lt. Governor

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.

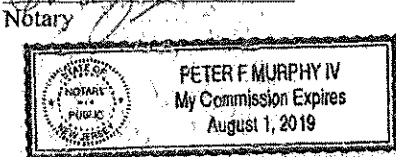
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

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

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

[Handwritten signature of Notary]



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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: 04/04/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 to 0.1228 grams per 100 milliliters of solution.

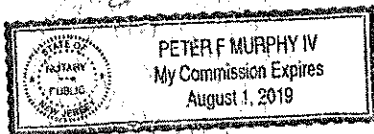
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

Sworn to and subscribed before me this 5th day of April, 2018.

Signature of Notary
Notary



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DEPARTMENT OF
Traffic and Public Safety
 This is to certify that

Bartłomiej P. Koziel
 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 **Aicotest 7110 MKIII-C**

A METHOD TO DETERMINE INDICATION
 GIVEN UNDER MY HAND AT TENTON, NEW JERSEY THIS 28th DAY OF July

IN THE YEAR AND Eleven


 SUPERINTENDENT
 NEW JERSEY STATE POLICE


 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

| DATE | Refresher Course PLACE | INSTRUCTOR |
|------------|---------------------------|------------|
| 1. 7-15-13 | M.L.P.A. | R. J. |
| 2. 9-16-15 | Berlen C.P.A. | C. S. |
| 3. 9-17-17 | Berlen C.P.A. | C. S. |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 8. | | |

S.P. 280B (Rev. 03/10)

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that

Bartłomiej Koziel
 Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF
 THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C**
 A METHOD TO DETERMINE INTOXICATION.
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 16th DAY OF December

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. 2928 (Rev. 07/16)