

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Serial No.: ARXA-0037
Location: WALL TOWNSHIP POLICE
Calibration File No.: 01191 Calib. Date: 10/10/2014 Calib. No.: 00024
Certification File No.: 01063 Cert. Date: 05/06/2014 Cert. No.: 00015
Linearity File No.: 01064 Lin. Date: 05/06/2014 Lin. No.: 00015
Solution File No.: 01190 Soln. Date: 10/02/2014 Soln. No.: 00197
Sequential File No.: 01191 File Date: 10/10/2014

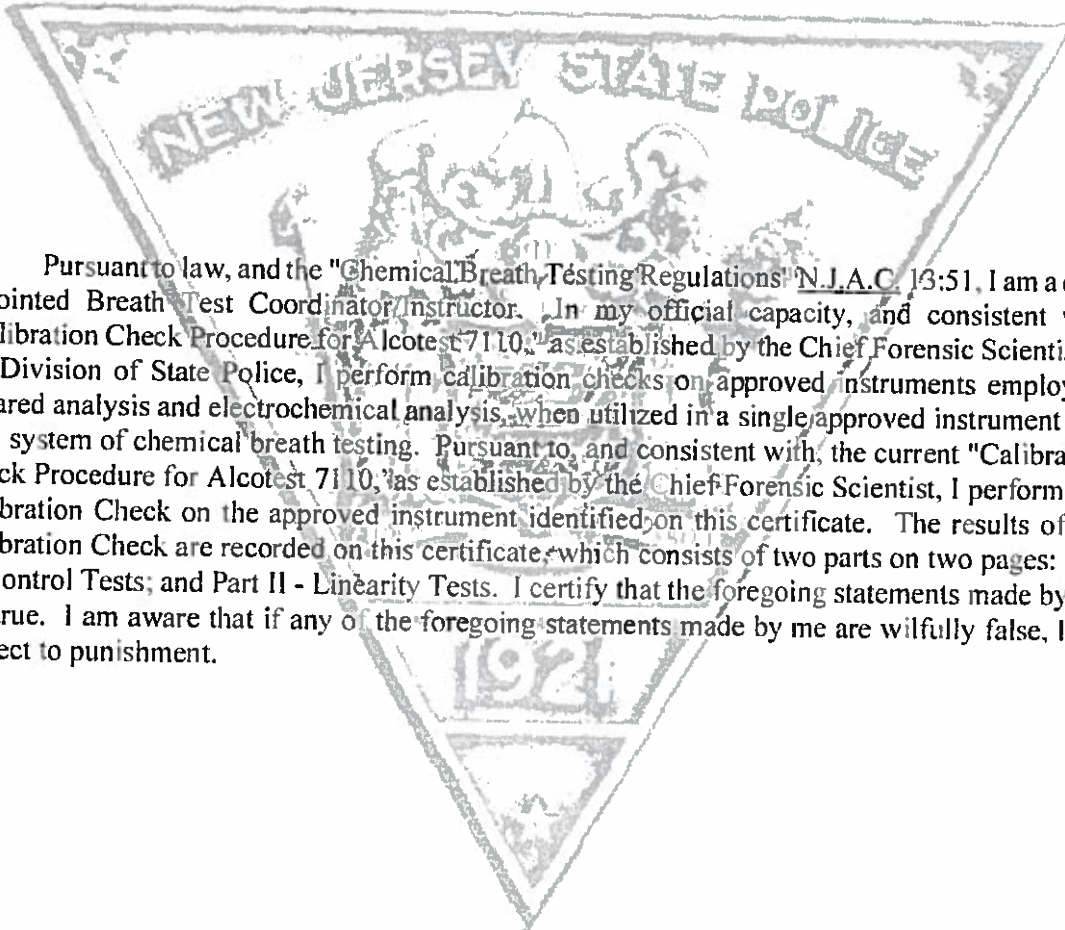
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAB-0014
Control Solution %: 0.100% Expires: 09/17/2015
Solution Control Lot: 13I122 Bottle No.: 0420

Coordinator

Last Name: DENNIS First Name: MARC MI: W.
Signature: SGT. [Signature] #5925 Badge No.: 5925
Date: 10/10/2014

*Black Key Temperature Probe Serial.....# DDXK P2-323 (10)

*Digital NIST Temperature Measuring System Serial.....# 130754749 (10)



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-0037
Location: WALL TOWNSHIP POLICE
Calibration File No.: 01191 **Calib. Date:** 10/10/2014 **Calib. No.:** 00024
Certification File No.: 01192 **Cert. Date:** 10/10/2014 **Cert. No.:** 00016
Linearity File No.: 01064 **Lin. Date:** 05/06/2014 **Lin. No.:** 00015
Solution File No.: 01190 **Soln. Date:** 10/02/2014 **Soln. No.:** 00197
Sequential File No.: 01192 **File Date:** 10/10/2014

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDAB-0014
Control Solution %: 0.100% **Expires:** 09/17/2015
Solution Control Lot: 131122 **Bottle No.:** 0420

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 13:46D | | |
| Control 1 EC | 0.100% | 13:47D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.099% | 13:47D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:48D | | |
| Control 2 EC | 0.099% | 13:48D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.100% | 13:48D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:49D | | |
| Control 3 EC | 0.099% | 13:49D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.098% | 13:49D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:50D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARG

MI: W.

Signature: _____

SGT. [Signature] #5925

Badge No.: 5925

Date: 10/10/2014

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-0037
Location: WALL TOWNSHIP POLICE
Calibration File No.: 01191 **Calib. Date:** 10/10/2014 **Calib. No.:** 00024
Certification File No.: 01192 **Cert. Date:** 10/10/2014 **Cert. No.:** 00016
Linearity File No.: 01193 **Lin. Date:** 10/10/2014 **Lin. No.:** 00016
Solution File No.: 01190 **Soln. Date:** 10/02/2014 **Soln. No.:** 00197
Sequential File No.: 01193 **File Date:** 10/10/2014

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0186
Control Solution %: 0.040% **Expires:** 09/13/2015
Solution Control Lot: 13I120 **Bottle No.:** 0026

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0188
Control Solution %: 0.080% **Expires:** 09/16/2015
Solution Control Lot: 13I121 **Bottle No.:** 0070

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0191
Control Solution %: 0.160% **Expires:** 08/05/2016
Solution Control Lot: 14H131 **Bottle No.:** 0925

| Function | Result %BAC | Time HH:MM | Temperature Simulator (°C) | Comment(s) or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000% | 14:24D | | |
| Control 1 EC | 0.041% | 14:25D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.040% | 14:25D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:27D | | |
| Control 2 EC | 0.040% | 14:27D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.039% | 14:27D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:29D | | |
| Control 3 EC | 0.080% | 14:29D | 33.9°C | *** TEST PASSED *** |
| Control 3 IR | 0.079% | 14:29D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:31D | | |
| Control 4 EC | 0.079% | 14:31D | 34.0°C | *** TEST PASSED *** |
| Control 4 IR | 0.079% | 14:31D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:33D | | |
| Control 5 EC | 0.152% | 14:34D | 33.8°C | *** TEST PASSED *** |
| Control 5 IR | 0.157% | 14:34D | 33.8°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:35D | | |
| Control 6 EC | 0.154% | 14:36D | 33.8°C | *** TEST PASSED *** |
| Control 6 IR | 0.157% | 14:36D | 33.8°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:37D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

SGT. [Signature] # 5925

Badge No.: 5925

Date: 10/10/2014

Calibrating Unit

New Standard Solution Report

| | | | |
|-------------------------|-----------------------|--------------|------------|
| Equipment | Alcotest 7110 MKIII-C | Serial No.: | ARXA-0037 |
| Location: | WALL TOWNSHIP POLICE | | |
| Calibration File No.: | 01191 | Calib. Date: | 10/10/2014 |
| Certification File No.: | 01192 | Cert. Date: | 10/10/2014 |
| Linearity File No.: | 01193 | Lin. Date: | 10/10/2014 |
| Solution File No.: | 01194 | Soln. Date: | 10/10/2014 |
| Sequential File No.: | 01194 | File Date: | 10/10/2014 |
| | | | |
| Calibrating Unit: | WET | Model No.: | CU-34 |
| Control Solution %: | 0.100% | Serial No.: | DDAB-0014 |
| Solution Control Lot: | 131119 | Expires: | 09/10/2015 |
| | | Bottle No.: | 0291 |

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 15:44D | | |
| Control 1 EC | 0.100% | 15:44D | 33.9°C | *** TEST PASSED *** |
| Control 1 IR | 0.099% | 15:44D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 15:45D | | |
| Control 2 EC | 0.099% | 15:46D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.100% | 15:46D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 15:46D | | |
| Control 3 EC | 0.100% | 15:47D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.100% | 15:47D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 15:47D | | |

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: DDXK P2-369 (M)

Changed By:

| | | |
|--|------------------|------------------|
| Last Name: DENNIS | First Name: MARC | MI: W. |
| Signature: <u>SGT. [Signature] #5925</u> | Badge No.: 5925 | Date: 10/10/2014 |



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:

DDXDS3-0186

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15



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:

DDXDS3-0188

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15



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:

DDXDS3-0191

Certification Date

9-19-14

Technician

BC

Re-Certification Due Date

9-19-15

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

DDXK P2-323

Certification date:

9-19-14

Next Certification due:

9-19-15

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



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



Cert. No.: 4000-5574134

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: WWR International, LLC, Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087
Instrument Identification:

Model: 61220-601 S/N: 130754749 Manufacturer: Control Company

Standards/Equipment:

| Description | Serial Number | Due Date | NIST Traceable Reference |
|-------------------------------------|---------------|----------|--------------------------|
| Temperature Calibration Bath TC-179 | A45240 | | |
| Thermistor Module | A17118 | 2/13/14 | 1000332071 |
| Temperature Probe | 128 | 2/20/14 | 6-84829-30-1 |
| Temperature Calibration Bath TC-231 | A79341 | | |
| Thermistor Module | A17118 | 2/13/14 | 1000332071 |
| Temperature Probe | 3039 | 2/20/14 | 6-84829-1-1 |
| Temperature Calibration Bath TC-218 | A73332 | | |
| Thermistor Module | A27129 | 10/25/14 | 1000346002 |
| Temperature Probe | 5202 | 11/30/14 | 15-815PW-1-1 |
| Temperature Calibration Bath TC-275 | B16388 | | |
| Digital Thermometer | B16815 | 8/12/14 | 1000341867 |
| PRT Temperature Probe | 02022 | 8/14/15 | 83812004 |

Certificate Information:

Technician: 68 Procedure: CAL-08 Cal Date: 12/12/13 Cal Due: 12/12/15
Test Conditions: 24.0°C 33.0 %RH 1033 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. | | 24.999 | 25.001 | Y | 24.949 | 25.049 | 0.023 | 2.2:1 |
| °C | | N.A. | | 50.003 | 50.000 | Y | 49.953 | 50.053 | 0.014 | 3.6:1 |
| °C | | N.A. | | 100.001 | 99.999 | Y | 99.951 | 100.051 | 0.018 | 2.8:1 |

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/YYYY

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-01805-2008-AQ-NQU-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

JOHN J. HOFFMAN
 Acting Attorney General

COLONEL JOSEPH R. FUENTES
 Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/23/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131122

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1222 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 17, 2015.

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

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

Sworn to and subscribed before me this 28th day of October, 2013.

Linda L. DePanti
 Notary



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CHRIS CHRISTIE
Governor

JOHN J. HOFFMAN
Acting Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.040 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: 10/25/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131120

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 0.0489 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 September 13, 2015.

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

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

Sworn to and subscribed before me this 28th day of October, 2013.

Linda L. Desantis
Notary



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KIM GUADAGNO
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COLONEL JOSEPH R. FUENTES
 Superintendent

CERTIFICATION OF ANALYSIS
0.080 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: 10/31/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131121

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0971 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 16, 2015.

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 1st day of November, 2013.

Mary E. McLaughlin
 Notary

MARY ELIZABETH MCLAUGHLIN
 NOTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES 12-24-2013



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State of New Jersey

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JOHN J. HOFFMAN
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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: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 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 5, 2016.

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

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

Sworn to and subscribed before me this 18th day of August, 2014.

Notary
MARY ELIZABETH MCLAUGHLIN

ID # 2052180

NOTARY PUBLIC

STATE OF NEW JERSEY

My Commission Expires Dec. 24, 2018



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CHRIS CHRISTIE
 Governor

JOHN J. HOFFMAN
 Acting Attorney General

KIM GUADAGNO
 Lt. Governor

COLONEL JOSEPH R. FUENTES
 Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc.

ANALYSIS DATE: 10/17/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131119

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1218 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 10, 2015.

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 21st day of October, 2013.

Mary E. Medaughen
 Notary

MARY ELIZABETH MCLAUGHLIN
 NOTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES 12-24-2013



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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:

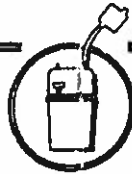
4-23-14

SERIAL NUMBER:

ARXA-0037

Draeger Safety Diagnostics, Inc.

BC



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:

DDAB-0014

Certification Date

7-14-14

Technician

BC

Re-Certification Due Date

7-14-15

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

DDXKP2-369

Certification date:

7-14-14

Next Certification due:

7-14-15

Probe Value

100

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

DEPARTMENT OF
Motor and Public Safety

This is to certify that
Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONS WITH AN INSTRUMENT (VARIABLE) TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE **Breathalyzer**
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 26th DAY OF Sept.
TWO THOUSAND AND 01

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 8/18 - 8/22/97

Refresher Course

| DATE | PLACE | INSTRUCTOR |
|--------------------|-----------------|------------------------------|
| 1. <u>11/10/99</u> | <u>O.C.P.A.</u> | <u>Cambria</u> |
| 2. <u>11-14-04</u> | <u>ACTC</u> | <u>Mr. J. J. [Signature]</u> |
| 3. <u>7-17-03</u> | <u>ACTC</u> | <u>[Signature]</u> |
| 4. <u>10-6-05</u> | <u>ACTC</u> | <u>[Signature]</u> |
| 5. <u>11-14-07</u> | <u>OCPA</u> | <u>C. Potter</u> |
| 6. _____ | _____ | _____ |
| 7. _____ | _____ | _____ |
| 8. _____ | _____ | _____ |
| 9. _____ | _____ | _____ |

S.P. 2938 (Rev. 4/00)

DEPARTMENT OF
Motor and Public Safety

This is to certify that
Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONS WITH AN INSTRUMENT (VARIABLE) TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE **ALCOHOL 7110 MK III-C**
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 30th DAY OF April
TWO THOUSAND AND Eight

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

Refresher Course

| DATE | PLACE | INSTRUCTOR |
|--------------------|----------------------|--------------------|
| 1. <u>12-19-07</u> | <u>Ocean Co. PA</u> | <u>Potter</u> |
| 2. <u>3/12/09</u> | <u>MORRIS CO. PA</u> | <u>M. Potter</u> |
| 3. <u>2-10-11</u> | <u>SAYREVILLE PD</u> | <u>[Signature]</u> |
| 4. <u>1/19/13</u> | <u>S.C.E.S.T.A.</u> | <u>[Signature]</u> |
| 5. _____ | _____ | _____ |
| 6. _____ | _____ | _____ |
| 7. _____ | _____ | _____ |
| 8. _____ | _____ | _____ |
| 9. _____ | _____ | _____ |

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

DEPARTMENT OF
Motor and Public Safety
Whin is to certify that

Marc W. Dennis
 New Jersey State Police



IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN STATE AND FREE PURSUANT TO CHAPTER 145 OF
 THE LAWS OF 1966 IN THE OPERATION OF THE
 A METHOD TO DETERMINE INTOXICATION
 DIVISION UNDER MY HAND AT TRENTON, NEW JERSEY

5th DAY OF November
 TWO THOUSAND AND Eight

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

| DATE | Refresher Course PLACE | INSTRUCTOR |
|------|------------------------|------------|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |

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