

Alcotest 7110 Calibration Record

Equipment

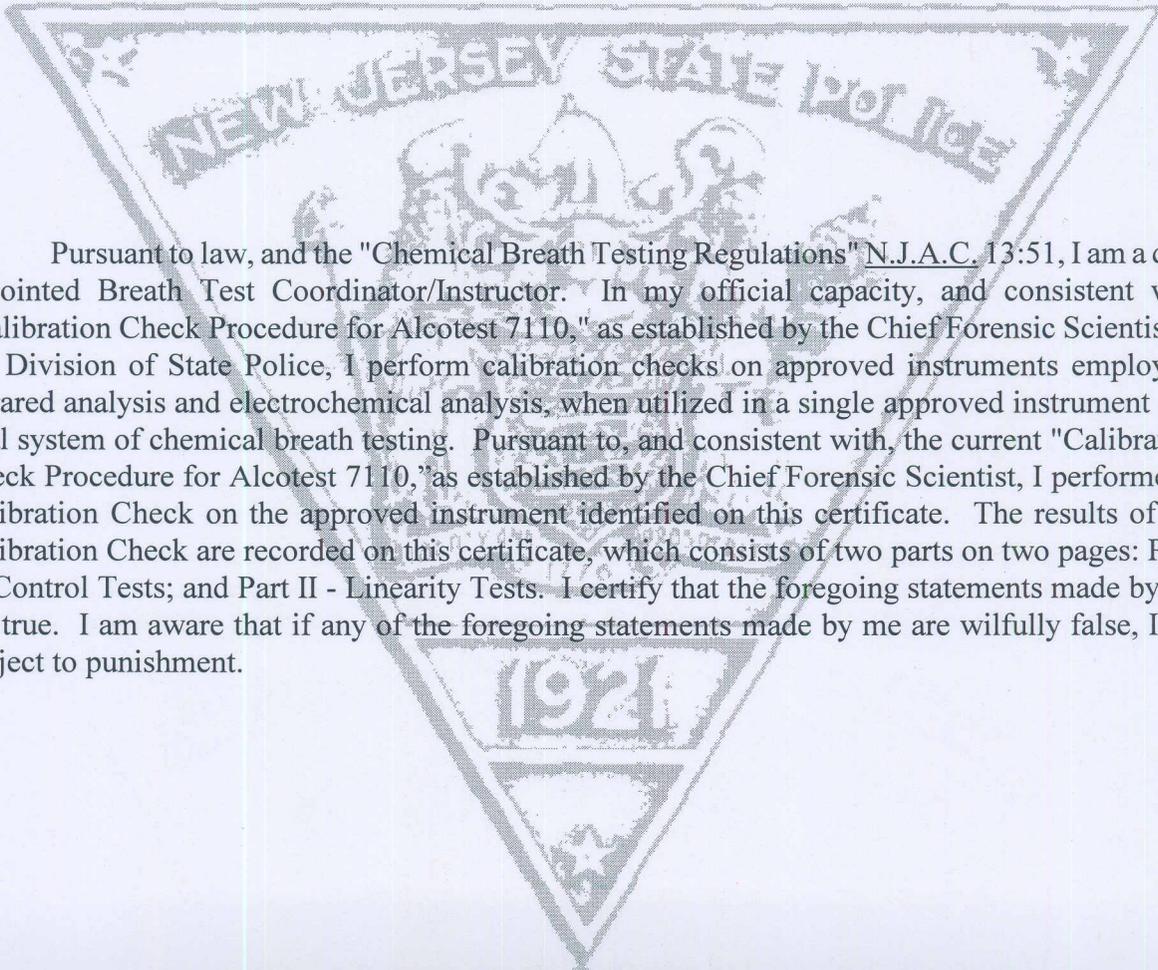
Alcotest 7110 MKIII-C
Serial No.: ARNK-0074
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00577 Calib. Date: 04/17/2013 Calib. No.: 00026
Certification File No.: 00532 Cert. Date: 10/22/2012 Cert. No.: 00015
Linearity File No.: 00533 Lin. Date: 10/22/2012 Lin. No.: 00015
Solution File No.: 00575 Soln. Date: 04/11/2013 Soln. No.: 00132
Sequential File No.: 00577 File Date: 04/17/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061
Control Solution %: 0.100% Expires: 02/20/2014
Solution Control Lot: 12B099 Bottle No.: 0029

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L
Signature: *[Handwritten Signature]* Badge No.: 6040
Date: 04/17/2013

*Black Key Temperature Probe Serial.....# DDMB P1-0002 (MA)
*Digital NIST Temperature Measuring System Serial.....# 122172176 (MA)



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.: ARNK-0074
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00577 Calib. Date: 04/17/2013 Calib. No.: 00026
Certification File No.: 00578 Cert. Date: 04/17/2013 Cert. No.: 00016
Linearity File No.: 00533 Lin. Date: 10/22/2012 Lin. No.: 00015
Solution File No.: 00575 Soln. Date: 04/11/2013 Soln. No.: 00132
Sequential File No.: 00578 File Date: 04/17/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061
Control Solution %: 0.100% Expires: 02/20/2014
Solution Control Lot: 12B099 Bottle No.: 0029

| Function | Result %BAC | Time HH:MM | Temperature Simulator (°C) | Comment(s) or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000% | 12:39D | | |
| Control 1 EC | 0.099% | 12:40D | 33.9°C | *** TEST PASSED *** |
| Control 1 IR | 0.100% | 12:40D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 12:41D | | |
| Control 2 EC | 0.100% | 12:41D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.099% | 12:41D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 12:42D | | |
| Control 3 EC | 0.100% | 12:43D | 33.9°C | *** TEST PASSED *** |
| Control 3 IR | 0.100% | 12:43D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 12:43D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 04/17/2013

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.: ARNK-0074
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00577 Calib. Date: 04/17/2013 Calib. No.: 00026
Certification File No.: 00578 Cert. Date: 04/17/2013 Cert. No.: 00016
Linearity File No.: 00579 Lin. Date: 04/17/2013 Lin. No.: 00016
Solution File No.: 00575 Soln. Date: 04/11/2013 Soln. No.: 00132
Sequential File No.: 00579 File Date: 04/17/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0215
Control Solution %: 0.040% Expires: 06/27/2013
Solution Control Lot: 11F090 Bottle No.: 1311

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0193
Control Solution %: 0.080% Expires: 06/30/2013
Solution Control Lot: 11F091 Bottle No.: 0140

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0241
Control Solution %: 0.160% Expires: 09/10/2014
Solution Control Lot: 12I106 Bottle No.: 1106

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 12:55D | | |
| Control 1 EC | 0.041% | 12:55D | 33.9°C | *** TEST PASSED *** |
| Control 1 IR | 0.042% | 12:55D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 12:57D | | |
| Control 2 EC | 0.042% | 12:57D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.041% | 12:57D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 12:59D | | |
| Control 3 EC | 0.082% | 12:59D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.080% | 12:59D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:01D | | |
| Control 4 EC | 0.081% | 13:02D | 34.0°C | *** TEST PASSED *** |
| Control 4 IR | 0.080% | 13:02D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:03D | | |
| Control 5 EC | 0.161% | 13:04D | 34.0°C | *** TEST PASSED *** |
| Control 5 IR | 0.160% | 13:04D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:05D | | |
| Control 6 EC | 0.161% | 13:06D | 34.0°C | *** TEST PASSED *** |
| Control 6 IR | 0.160% | 13:06D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:07D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: _____

J. I. Delos # 6040

Badge No.: 6040

Date: 04/17/2013

Calibrating Unit

New Standard Solution Report

| | | |
|-------------------------|------------------------|-------------------------|
| Equipment | Alcotest 7110 MKIII-C | Serial No.: ARNK-0074 |
| Location: | SOUTH BRUNSWICK POLICE | |
| Calibration File No.: | 00577 | Calib. Date: 04/17/2013 |
| Certification File No.: | 00578 | Calib. No.: 00026 |
| Linearity File No.: | 00579 | Cert. Date: 04/17/2013 |
| Solution File No.: | 00580 | Cert. No.: 00016 |
| Sequential File No.: | 00580 | Lin. Date: 04/17/2013 |
| | | Lin. No.: 00016 |
| | | Soln. Date: 04/17/2013 |
| | | Soln. No.: 00133 |
| | | File Date: 04/17/2013 |

| | | | |
|-----------------------|--------|------------------|--------------------------|
| Calibrating Unit: | WET | Model No.: CU-34 | Serial No.: DDUF S3-0061 |
| Control Solution %: | 0.100% | | Expires: 06/28/2014 |
| Solution Control Lot: | 12F102 | | Bottle No.: 0418 |

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 14:13D | | |
| Control 1 EC | 0.100% | 14:14D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.099% | 14:14D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:15D | | |
| Control 2 EC | 0.099% | 14:15D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.100% | 14:15D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:16D | | |
| Control 3 EC | 0.100% | 14:17D | 33.9°C | *** TEST PASSED *** |
| Control 3 IR | 0.099% | 14:17D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:17D | | |

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 DDUJPA-215 (MA)

Changed By:

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 04/17/2013



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:

DDUF53-0061

Certification Date

Technician

Re-Certification Due Date

6/18/12

JM

6/18/13

Dräger

ALCOTEST® 7110 TEMPERATURE PROBE

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST).

The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification.

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

Serial Number Temp. Probe

Certification date:

Next Certification due:

DDUJP2-215

6/18/12

6/18/13

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

JM

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.

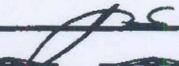
Certification Date:

SERIAL NUMBER:

10-08-12

ARNK-0874

Dräger Safety Diagnostics, Inc.





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

JEFFREY S. CHIESA
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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 7/27/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12F102

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1207 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 28, 2014.

As Forensic Scientist III 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.

Monica L. Trapanin
 Forensic Scientist III
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 31 day of July, 2012.

Notary
 JOHN R. LEAVER
 NOTARY PUBLIC STATE OF NEW JERSEY
 MY COMMISSION EXPIRES 12/14/2012



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
 Printed on Recycled Paper and Recyclable





CERTIFICATE

This is to certify that

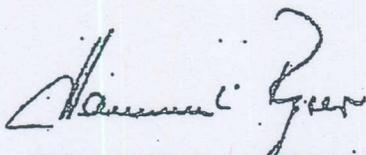
Michelle Goncalves

has successfully completed the two day Draeger Safety Diagnostics, Inc. Alcohol Coordinator Training Course on the New Jersey specific Alcotest® 7110 MKIII-C and is hereby certified as a qualified

**Operator Trainer and
Maintenance Technician**

Completion of this course qualifies this individual to train and certify Operators in the proper use and operation as well as perform Preventive Maintenance on the New Jersey specific Alcotest® 7110 MKIII-C.

Date: March 14, 2012



Instructor: Hansueli Ryser

Dräger



CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lieutenant Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CRIMINAL JUSTICE
PO Box 085
TRENTON, NJ 08625-0085
TELEPHONE: (609) 984-6500

JEFFREY S. CHIESA
Attorney General

STEPHEN J. TAYLOR
Director

March 23, 2012

Col. Joseph R. Fuentes, Superintendent
Division of State Police
Division Headquarters
P.O. Box 7068
West Trenton, New Jersey 08628

Re: Breath Test Coordinator/Instructor, Certification -
Detective I Michelle L. Goncalves #6040

Dear Col. Fuentes:

Pursuant to the provisions of *N.J.A.C. 13:51-2.1 (b) and (c)*, as adopted and promulgated under the provisions of *N.J.S.A. 39:4-50.3, 39:3-10.25 and 12:7-56*, I hereby approve Detective I Michelle L. Goncalves #6040, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Jeffrey S. Chiesa
Attorney General

- c. Detective I Michelle L. Goncalves, Alcohol/Drug Test Unit, Division of State Police
DSFC Patrick Guilfooy, Unit Head, Alcohol/Drug Test Unit, Division of State Police



DEPARTMENT OF
Traffic and Public Safety
 This is to certify that
Michelle L. McKelvey
 IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN RELATION TO THE PROVISIONS OF CHAPTER 104 OF THE LAWS OF 1964 IN THE OPERATION OF THE **Breathalyzer**
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS **16th** DAY OF **Aug.**
 TWO THOUSAND AND **06**

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES Feb. 3-7-2003
 Refresher Course

| DATE | PLACE | INSTRUCTOR |
|--------------------|--------------|--------------|
| 1. <u>12/10/02</u> | <u>OCPSA</u> | <u>CLINE</u> |
| 2. _____ | _____ | _____ |
| 3. _____ | _____ | _____ |
| 4. _____ | _____ | _____ |
| 5. _____ | _____ | _____ |
| 6. _____ | _____ | _____ |
| 7. _____ | _____ | _____ |
| 8. _____ | _____ | _____ |
| 9. _____ | _____ | _____ |

S.P. 2938 (Rev. 05/02)

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that
MICHELLE L. MCKELVEY
 NEW JERSEY STATE POLICE
 IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN RELATION TO THE PROVISIONS OF CHAPTER 104 OF THE LAWS OF 1964 IN THE OPERATION OF THE **ALCOHOL TEST 7110 MKIII-C**
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS **10th** DAY OF **August**
 TWO THOUSAND AND **FIVE**

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____
 Refresher Course

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

S.P. 2938 (Rev. 05/02)

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that
Michelle J. Goncalves
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN RELATION TO THE PROVISIONS OF CHAPTER 104 OF THE LAWS OF 1964 IN THE OPERATION OF THE **ALCOHOL TEST 7110 MKIII-C**
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS **15th** DAY OF **December**
 TWO THOUSAND AND **Eleven**

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____
 Refresher Course

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

S.P. 2938 (Rev. 05/02)

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that
Michelle Goncalves
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN RELATION TO THE PROVISIONS OF CHAPTER 104 OF THE LAWS OF 1964 IN THE OPERATION OF THE **Breath Test Coordinators/Instructors**
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS **23rd** DAY OF **March**
 TWO THOUSAND AND **Twelve**

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____
 Refresher Course

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

S.P. 2938 (Rev. 05/02)



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-4289985

Traceable Certificate of Calibration for Digital Thermometer

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

Model: 61220-601 S/N: 122172176 Manufacturer: Control Company

Standards/Equipment:

| Description | Serial Number | Due Date | NIST Traceable Reference |
|-------------------------------------|---------------|----------|--------------------------|
| Temperature Calibration Bath TC-275 | ASA237 | | |
| Digital Thermometer | B16815 | 8/05/12 | B1606038 |
| PRT Temperature Probe | 01641 | 5/28/12 | B1526095 |
| Temperature Calibration Bath TC-258 | B01375 | | |
| Thermistor Module | A27128 | 10/31/12 | 1000306945 |
| Temperature Probe | 157 | 11/13/12 | 6-8L72N-1-1 |
| Temperature Calibration Bath TC-178 | A45240 | | |
| Thermistor Module | A17118 | 2/01/13 | 1000311439 |
| Temperature Probe | 128 | 2/14/13 | 6-BN9WZ-27-1 |

Certificate Information:

Technician: 68 Procedure: CAL-08 Cal Date: 3/30/12 Cal Due: 3/30/14
Test Conditions: 23.0°C 44.0 %RH 1012 mBar

Calibration Data: (New Instrument)

| Unit(s) | Nominal | As Found | In Tol | Nominal | As Ltr | In Tol | Min | Max | ±U | TUR |
|---------|---------|----------|--------|---------|---------|--------|--------|---------|-------|-------|
| °C | | N.A. | | -0.000 | -0.001 | Y | -0.050 | 0.050 | 0.013 | 3.8:1 |
| °C | | N.A. | | 25.001 | 25.000 | Y | 24.951 | 25.051 | 0.014 | 3.8:1 |
| °C | | N.A. | | 60.650 | 60.650 | Y | 60.650 | 60.650 | 0.018 | 2.8:1 |
| °C | | N.A. | | 100.001 | 100.002 | Y | 99.951 | 100.051 | 0.018 | 2.6:1 |

This instrument was calibrated using instruments traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Ltr=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 Ltr Nominal (Rounded) - Tolerance; Max = As Ltr Nominal (Rounded) + Tolerance; Date=MM/DD/YYYY

Ned Rodriguez
Ned Rodriguez, Quality Manager

Wallace Berry
Wallace Berry, 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-calibration traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4465 Frazz Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-8448 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 (DAN) Det Norske Veritas, Certificate No. CERT-01603-2008-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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:

DDWF 53-0241

Certification Date

Technician

Re-Certification Due Date

2-6-13

BC

2-6-14



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:

DDXD 53-0193

Certification Date

Technician

Re-Certification Due Date

2-5-13

BC

2-5-14

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

DDMBP1-0002

Certification date:

02/05/13

Next Certification due:

02/05/14

Probe Value

102

Draeger Safety Diagnostics, Inc.
Technical Service Department

SY



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:

DDWF 53-0215

Certification Date

2-6-13

Technician

BC

Re-Certification Due Date

2-6-14



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) 852-2000

CHRIS CHRISTIE
 Governor

KIM GUADAGNO
 Lt. Governor

PAULA T. DOW
 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 0.045 to 0.051 grams per 100 milliliters of solution.

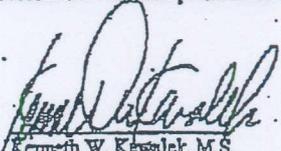
MANUFACTURER: Draper Safety, Inc. ANALYSIS DATE: 7/21/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F090

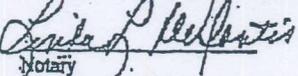
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0485 grams per 100 milliliters of solution.

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. 13-51-3.4, 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 June 27, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.


 Kenneth W. Kawalek, M.S.
 Assistant Chief Forensic Scientist
 Division of State Police

Sworn to and subscribed before me this 1st day of August, 2011.


 Notary

Linda L. DeLuca
 Notary Public, New Jersey
 My Commission Expires 8-17-14



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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 0.094 to 0.099 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc. ANALYSIS DATE: 7/22/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F091

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 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. 13-51-3.4, 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 June 30, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Kenneth W. Kwalek, M.S.
 Assistant Chief Forensic Scientist
 Division of State Police

Sworn to and subscribed before me this 1st day of August, 2011.

Notary

Linda L. DiMarco
 Notary Public, State of New Jersey
 My Commission Expires 8-17-14



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Governor

JEFFREY S. CHIESA
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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 3/20/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12B099

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1211 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. 13:51-3.4, 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 February 20, 2014.

As Forensic Scientist III 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 Monica L. Tramontin
Monica L. Tramontin
Forensic Scientist III
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 22nd day of March, 2012.

Handwritten signature of Mary E. McLaughlin
Notary

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



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Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12I106

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 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, 2014.

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 5th day of October, 2012.

Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 8-17-14



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