

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Serial No.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01377 Calib. Date: 09/22/2016 Calib. No.: 00038
Certification File No.: 01317 Cert. Date: 03/28/2016 Cert. No.: 00024
Linearity File No.: 01318 Lin. Date: 03/28/2016 Lin. No.: 00024
Solution File No.: 01374 Soln. Date: 09/15/2016 Soln. No.: 00201
Sequential File No.: 01377 File Date: 09/22/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0363
Control Solution %: 0.100% Expires: 12/04/2016
Solution Control Lot: 14L134 Bottle No.: 0749

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L
Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040
Date: 09/22/2016

*Black Key Temperature Probe Serial.....# DDXKP2-398 (MA)
*Digital NIST Temperature Measuring System Serial.....# 150649677 (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.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01377 Calib. Date: 09/22/2016 Calib. No.: 00038
Certification File No.: 01378 Cert. Date: 09/22/2016 Cert. No.: 00025
Linearity File No.: 01318 Lin. Date: 03/28/2016 Lin. No.: 00024
Solution File No.: 01374 Soln. Date: 09/15/2016 Soln. No.: 00201
Sequential File No.: 01378 File Date: 09/22/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0363
Control Solution %: 0.100% Expires: 12/04/2016
Solution Control Lot: 14L134 Bottle No.: 0749

| Function | Result | Time | Temperature | Comment(s) |
|-------------------|--------|--------|----------------|---------------------|
| | %BAC | HH:MM | Simulator (°C) | or Error(s) |
| Ambient Air Blank | 0.000% | 13:15D | | |
| Control 1 EC | 0.099% | 13:15D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.099% | 13:15D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:16D | | |
| Control 2 EC | 0.099% | 13:16D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.100% | 13:16D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:17D | | |
| Control 3 EC | 0.100% | 13:17D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.100% | 13:17D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:18D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 09/22/2016

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.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01377 Calib. Date: 09/22/2016 Calib. No.: 00038
Certification File No.: 01378 Cert. Date: 09/22/2016 Cert. No.: 00025
Linearity File No.: 01379 Lin. Date: 09/22/2016 Lin. No.: 00025
Solution File No.: 01374 Soln. Date: 09/15/2016 Soln. No.: 00201
Sequential File No.: 01379 File Date: 09/22/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0022
Control Solution %: 0.040% Expires: 08/11/2017
Solution Control Lot: 15H141 Bottle No.: 0837

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0188
Control Solution %: 0.080% Expires: 08/13/2017
Solution Control Lot: 15H142 Bottle No.: 1271

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0191
Control Solution %: 0.160% Expires: 08/19/2017
Solution Control Lot: 15H144 Bottle No.: 1092

| Function | Result %BAC | Time HH:MM | Temperature Simulator (°C) | Comment(s) or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000% | 13:30D | | |
| Control 1 EC | 0.042% | 13:31D | 34.0°C | *** TEST PASSED *** |
| Control 1 IR | 0.040% | 13:31D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:32D | | |
| Control 2 EC | 0.042% | 13:33D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.040% | 13:33D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:34D | | |
| Control 3 EC | 0.082% | 13:35D | 34.0°C | *** TEST PASSED *** |
| Control 3 IR | 0.080% | 13:35D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:36D | | |
| Control 4 EC | 0.082% | 13:36D | 34.0°C | *** TEST PASSED *** |
| Control 4 IR | 0.080% | 13:36D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:38D | | |
| Control 5 EC | 0.162% | 13:38D | 34.0°C | *** TEST PASSED *** |
| Control 5 IR | 0.162% | 13:38D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:40D | | |
| Control 6 EC | 0.163% | 13:40D | 34.0°C | *** TEST PASSED *** |
| Control 6 IR | 0.161% | 13:40D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:42D | | |

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 09/22/2016

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0382
 Location: WEST WINDSOR POLICE
 Calibration File No.: 01377 Calib. Date: 09/22/2016 Calib. No.: 00038
 Certification File No.: 01378 Cert. Date: 09/22/2016 Cert. No.: 00025
 Linearity File No.: 01379 Lin. Date: 09/22/2016 Lin. No.: 00025
 Solution File No.: 01380 Soln. Date: 09/22/2016 Soln. No.: 00202
 Sequential File No.: 01380 File Date: 09/22/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0363
 Control Solution %: 0.100% Expires: 05/17/2018
 Solution Control Lot: 201605D Bottle No.: 0487

| Function | Result %BAC | Time HH:MM | Temperature Simulator (°C) | Comment(s) or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000% | 14:47D | | |
| Control 1 EC | 0.103% | 14:48D | 33.9°C | *** TEST PASSED *** |
| Control 1 IR | 0.102% | 14:48D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:49D | | |
| Control 2 EC | 0.103% | 14:49D | 34.0°C | *** TEST PASSED *** |
| Control 2 IR | 0.102% | 14:49D | 34.0°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:50D | | |
| Control 3 EC | 0.103% | 14:50D | 33.9°C | *** TEST PASSED *** |
| Control 3 IR | 0.102% | 14:50D | 33.9°C | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:51D | | |

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: DDWAP2-216 (M)

Changed By:

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 09/22/2016



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:

DDWJS3-0363

Certification Date

3-1-16

Technician

72

Re-Certification Due Date

3-1-17

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

DDWAP2-216

Certification date:

2-29-16

Next Certification due:

2-29-17

Probe Value

101

Draeger Safety Diagnostics, Inc.
Technical Service Department

72

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:

12-3-15

SERIAL NUMBER:

ARWF-0382

Draeger Safety Diagnostics, Inc.

BC



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

ROBERT T. LOUGY
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: 06/07/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 201605D

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1213 to 0.1232 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 May 17, 2018.

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

[Handwritten signature]

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

Sworn to and subscribed before me this 27 day of June, 2016.

[Handwritten signature]

Notary
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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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGINO
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: 11/16/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16330

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 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 October 28, 2018.

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

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

Sworn to and subscribed before me this 17th day of November, 2016.

[Signature]
Notary

MARY ELIZABETH MCLAUGHLIN

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



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Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-7019767

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: 150649677 Manufacturer: Control Company

Standards/Equipment:

| Description | Serial Number | Due Date | NIST Traceable Reference |
|-------------------------------------|---------------|----------|--------------------------|
| Temperature Calibration Bath TC-256 | B01375 | | |
| Temperature Probe | 128 | 4/02/16 | 15-AOP2S-40-1 |
| Thermistor Module | A17118 | 3/03/16 | 1000371058 |
| Temperature Calibration Bath TC-179 | A45240 | | |
| Thermistor Module | A17118 | 3/03/16 | 1000371058 |
| Temperature Probe | 3039 | 4/02/16 | 15-AOP2S-20-1 |
| Temperature Calibration Bath TC-231 | A79341 | | |
| Thermistor Module | A27129 | 11/04/15 | 1000365407 |
| Temperature Probe | 5202 | 11/19/16 | 6-CV9Y2-1-1 |
| Temperature Calibration Bath TC-309 | B3A444 | | |
| Thermistor Module | A27129 | 11/04/15 | 1000365407 |
| Temperature Probe | 5267 | 11/19/16 | 6-CV9Y0-1-1 |

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 8/31/15 Due Date: 8/31/17
Test Conditions: 23.0°C 47.0 %RH 1017 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 | 0.000 | Y | -0.049 | 0.051 | 0.013 | 3.8:1 |
| °C | | N.A. | | 25.000 | 25.001 | Y | 24.950 | 25.050 | 0.014 | 3.6:1 |
| °C | | N.A. | | 50.004 | 50.000 | Y | 49.954 | 50.054 | 0.014 | 3.6:1 |
| °C | | N.A. | | 100.002 | 99.999 | Y | 99.952 | 100.052 | 0.014 | 3.6:1 |

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 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 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-01805-2006-AQ-HOU-RvA
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

DEPARTMENT OF
Traffic and Public Safety
What is to certify that

Michelle B. Goncalves
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 140 OF THE LAWS OF 1966 IN THE OPERATION OF THE **Victrol 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

| DATE | Refresher Course PLACE | INSTRUCTOR |
|------------|------------------------|---------------|
| 1. 12-3-13 | GCPA | Jim Lewis |
| 2. 9/17/15 | GCEA | Adam C. De... |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |

S.P. 293B (Rev. 03/10)

DEPARTMENT OF
Traffic and Public Safety
What is to certify that

Michelle Goncalves
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 140 OF THE LAWS OF 1966 IN THE OPERATION OF THE **Breath Test Coordinator/Instructor** 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

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

S.P. 293B (Rev. 02/12)



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:

DDAE-0022

Certification Date

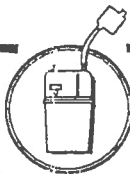
8-9-16

Technician

BC

Re-Certification Due Date

8-9-17



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:

DDYDS3-0188

Certification Date

10-30-15

Technician

JD

Re-Certification Due Date

10-30-16



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

10-30-15

Technician

JD

Re-Certification Due Date

10-30-16

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

DDXKPA2-398

Certification date:

8-8-16

Next Certification due:

8-8-17

Probe Value

105

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



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 GUADAÑO
 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: 12/18/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14L134

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 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 December 04, 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. Alaouie, Ph.D.
 Research Scientist
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19th day of December, 2014.

Notary

LINDA L. DESANTIS
 ID # 2228599
 NOTARY PUBLIC
 STATE OF NEW JERSEY
 My Commission Expires August 17, 2019



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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
0.04 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: 9/10/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H141

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 0.0487 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 11, 2017.

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 11th day of September, 2015.

Notary
MARY ELIZABETH MCLAUGHLIN

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



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 DEPARTMENT OF LAW AND PUBLIC SAFETY
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JOHN J. HOFFMAN
 Acting Attorney General

COLONEL JOSEPH R. FUENTES
 Superintendent

CHRIS CHRISTIE
 Governor

KIM GUADAGNO
 Lt. Governor

CERTIFICATION OF ANALYSIS
0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc.

ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H142

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 0.0967 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 13, 2017.

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 15th day of September, 2015.

Notary
MARY ELIZABETH MCLAUGHLIN
 ID # 2052190
 NOTARY PUBLIC
 STATE OF NEW JERSEY
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Governor

KIM GUADAGNO
Lt. Governor

JOHN J. HOFFMAN
Acting 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: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H144

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1952 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 19, 2017.

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 18 day of September, 2015.

Notary

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



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