

# Alcotest 7110 Calibration Record

**Equipment**

Alcotest 7110 MKIII-C  
Location: HOLMDEL POLICE  
Serial No.: ARXB-0066  
Calibration File No.: 01240  
Calib. Date: 02/07/2018  
Calib. No.: 00031  
Certification File No.: 01190  
Cert. Date: 08/25/2017  
Cert. No.: 00023  
Linearity File No.: 01191  
Lin. Date: 08/25/2017  
Lin. No.: 00022  
Solution File No.: 01239  
Soln. Date: 02/05/2018  
Soln. No.: 00181  
Sequential File No.: 01240  
File Date: 02/07/2018

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 16270  
Model No.: CU-34  
Serial No.: DDXC S3-0141  
Expires: 10/10/2018  
Bottle No.: 0592

**Coordinator**

Last Name: KLIMIK  
First Name: DAVID  
MI: W  
Badge No.: 7040  
Date: 02/07/2018  
Signature: David Klimik # 7040

\*Black Key Temperature Probe Serial.....# DDWA P2 - 016 (DK)  
\*Digital NIST Temperature Measuring System Serial.....# 170428367 (DK)

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.: ARXB-0066  
Location: HOLMDEL POLICE  
Calibration File No.: 01240 Calib. Date: 02/07/2018 Calib. No.: 00031  
Certification File No.: 01241 Cert. Date: 02/07/2018 Cert. No.: 00024  
Linearity File No.: 01191 Lin. Date: 08/25/2017 Lin. No.: 00022  
Solution File No.: 01239 Soln. Date: 02/05/2018 Soln. No.: 00181  
Sequential File No.: 01241 File Date: 02/07/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0141  
Control Solution %: 0.100% Expires: 10/10/2018  
Solution Control Lot: 16270 Bottle No.: 0592

| Function          | Result<br>%BAC | Time<br>HH:MM | Temperature<br>Simulator (°C) | Comment(s)<br>or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000%         | 13:18S        |                               |                           |
| Control 1 EC      | 0.100%         | 13:19S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 1 IR      | 0.100%         | 13:19S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:19S        |                               |                           |
| Control 2 EC      | 0.098%         | 13:20S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 2 IR      | 0.099%         | 13:20S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:21S        |                               |                           |
| Control 3 EC      | 0.099%         | 13:21S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 3 IR      | 0.101%         | 13:21S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:22S        |                               |                           |

All tests within acceptable tolerance.

### Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: DAVID KLIMIK #7040

Badge No.: 7040

Date: 02/07/2018

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

|                         |                       |              |            |
|-------------------------|-----------------------|--------------|------------|
| <b>Equipment</b>        | Alcotest 7110 MKIII-C | Serial No.:  | ARXB-0066  |
| Location:               | HOLMDEL POLICE        |              |            |
| Calibration File No.:   | 01240                 | Calib. Date: | 02/07/2018 |
| Certification File No.: | 01241                 | Cert. Date:  | 02/07/2018 |
| Linearity File No.:     | 01242                 | Lin. Date:   | 02/07/2018 |
| Solution File No.:      | 01239                 | Soln. Date:  | 02/05/2018 |
| Sequential File No.:    | 01242                 | File Date:   | 02/07/2018 |

|                       |        |            |       |             |              |
|-----------------------|--------|------------|-------|-------------|--------------|
| Calibrating Unit:     | WET    | Model No.: | CU-34 | Serial No.: | DDRK S3-0005 |
| Control Solution %:   | 0.040% |            |       | Expires:    | 09/19/2018   |
| Solution Control Lot: | 16230  |            |       | Bottle No.: | 0675         |

|                       |        |            |       |             |              |
|-----------------------|--------|------------|-------|-------------|--------------|
| Calibrating Unit:     | WET    | Model No.: | CU-34 | Serial No.: | DDRF S3-0009 |
| Control Solution %:   | 0.080% |            |       | Expires:    | 09/27/2018   |
| Solution Control Lot: | 16250  |            |       | Bottle No.: | 0282         |

|                       |        |            |       |             |            |
|-----------------------|--------|------------|-------|-------------|------------|
| Calibrating Unit:     | WET    | Model No.: | CU-34 | Serial No.: | DDCN-0054  |
| Control Solution %:   | 0.160% |            |       | Expires:    | 10/03/2018 |
| Solution Control Lot: | 16260  |            |       | Bottle No.: | 0264       |

| Function          | Result<br>%BAC | Time<br>HH:MM | Temperature<br>Simulator (°C) | Comment(s)<br>or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000%         | 13:31S        |                               |                           |
| Control 1 EC      | 0.042%         | 13:32S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 1 IR      | 0.039%         | 13:32S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:33S        |                               |                           |
| Control 2 EC      | 0.041%         | 13:34S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 2 IR      | 0.040%         | 13:34S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:35S        |                               |                           |
| Control 3 EC      | 0.082%         | 13:36S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 3 IR      | 0.081%         | 13:36S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:37S        |                               |                           |
| Control 4 EC      | 0.081%         | 13:38S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 4 IR      | 0.079%         | 13:38S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:40S        |                               |                           |
| Control 5 EC      | 0.161%         | 13:40S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 5 IR      | 0.160%         | 13:40S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:42S        |                               |                           |
| Control 6 EC      | 0.161%         | 13:42S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 6 IR      | 0.160%         | 13:42S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 13:44S        |                               |                           |

All tests within acceptable tolerance.

**Coordinator**

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: David Klimik #7040

Badge No.: 7040

Date: 02/07/2018

# Calibrating Unit New Standard Solution Report

|                         |                       |                         |
|-------------------------|-----------------------|-------------------------|
| <b>Equipment</b>        | Alcotest 7110 MKIII-C | Serial No.: ARXB-0066   |
| Location:               | HOLMDEL POLICE        |                         |
| Calibration File No.:   | 01240                 | Calib. Date: 02/07/2018 |
| Certification File No.: | 01241                 | Calib. No.: 00031       |
| Linearity File No.:     | 01242                 | Cert. Date: 02/07/2018  |
| Solution File No.:      | 01243                 | Cert. No.: 00024        |
| Sequential File No.:    | 01243                 | Lin. Date: 02/07/2018   |
|                         |                       | Lin. No.: 00023         |
|                         |                       | Soln. Date: 02/07/2018  |
|                         |                       | Soln. No.: 00182        |
|                         |                       | File Date: 02/07/2018   |

|                             |                  |                          |
|-----------------------------|------------------|--------------------------|
| Calibrating Unit: WET       | Model No.: CU-34 | Serial No.: DDXC S3-0141 |
| Control Solution %: 0.100%  |                  | Expires: 06/28/2019      |
| Solution Control Lot: 17200 |                  | Bottle No.: 0376         |

| Function          | Result<br>%BAC | Time<br>HH:MM | Temperature<br>Simulator (°C) | Comment(s)<br>or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000%         | 14:50S        |                               |                           |
| Control 1 EC      | 0.102%         | 14:51S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 1 IR      | 0.102%         | 14:51S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 14:51S        |                               |                           |
| Control 2 EC      | 0.101%         | 14:52S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 2 IR      | 0.101%         | 14:52S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 14:53S        |                               |                           |
| Control 3 EC      | 0.101%         | 14:53S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 3 IR      | 0.101%         | 14:53S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 14:54S        |                               |                           |

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDUN P2 - 336 (DK)

**Changed By:**

Last Name: KLIMIK

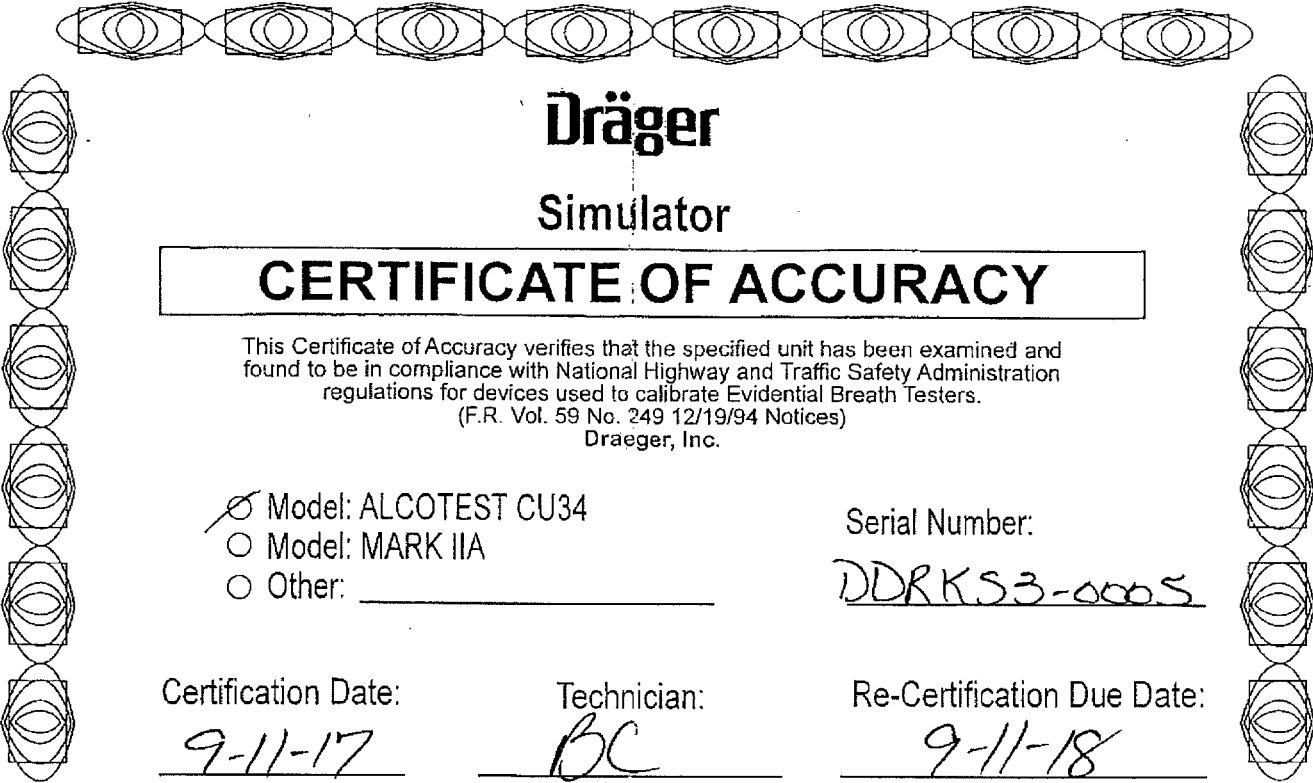
First Name: DAVID

MI: W

Signature: TRID. KLIMIK #7040

Badge No.: 7040

Date: 02/07/2018



**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Draeger, Inc.

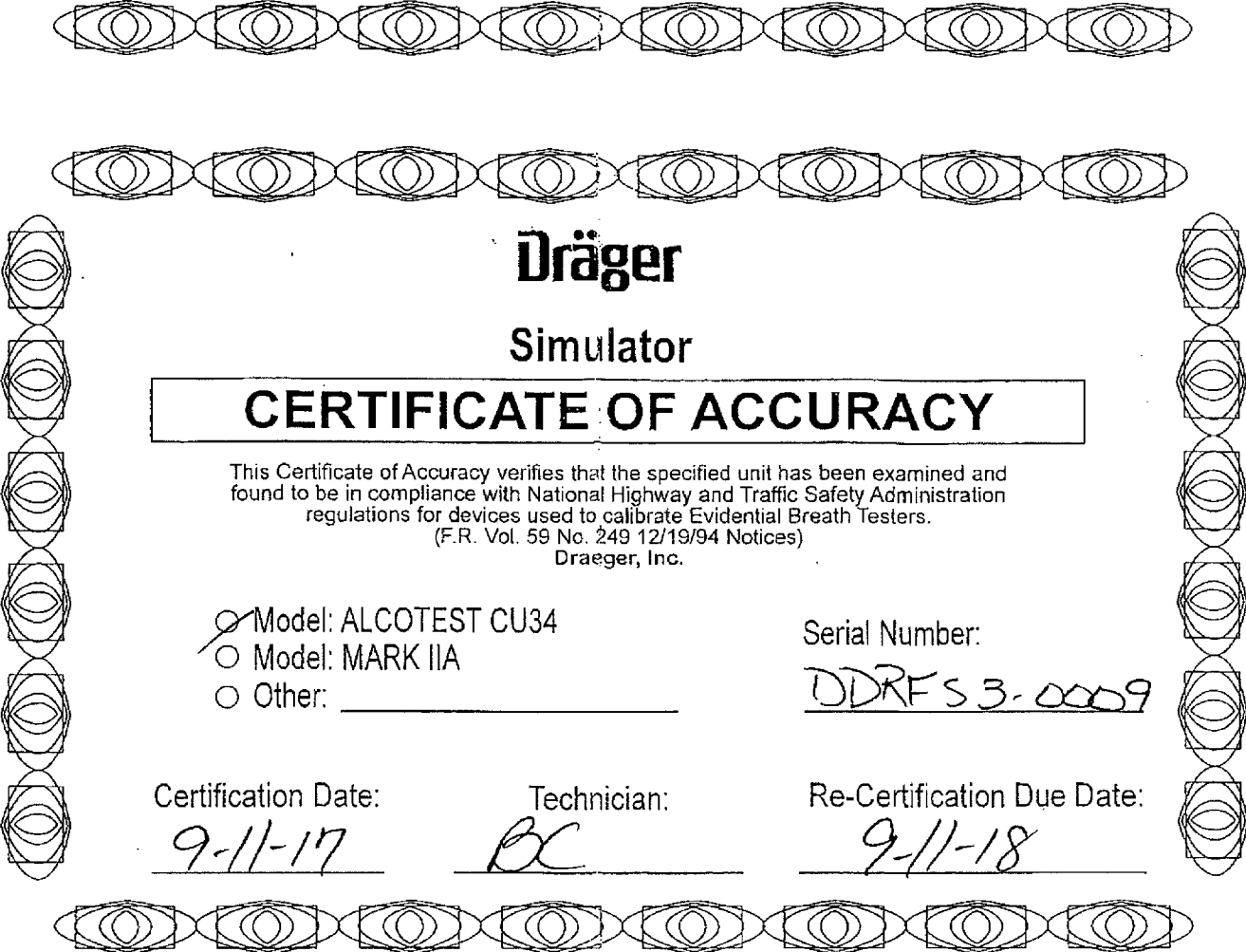
- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:  
DDRKS3-0005

Certification Date:  
9-11-17

Technician:  
BC

Re-Certification Due Date:  
9-11-18



**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Draeger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:  
DDRFS3-0009

Certification Date:  
9-11-17

Technician:  
BC

Re-Certification Due Date:  
9-11-18

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:  
DDCN-0054

Certification Date: 9-11-17 Technician: BC Re-Certification Due Date: 9-11-18

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe: DDWA P2-016 Certification Date: 9-8-17 Next Certification Due: 9-8-18

Probe Value: 105 Draeger, Inc. BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-8609167

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: 170428367      Manufacturer: Control Company

**Standards/Equipment:**

| Description                         | Serial Number | Due Date | NIST Traceable Reference |
|-------------------------------------|---------------|----------|--------------------------|
| Temperature Calibration Bath TC-231 | A79341        |          |                          |
| Thermistor Module                   | A27129        | 12/01/17 | 1000401760               |
| Temperature Probe                   | 5267          | 12/06/17 | B6B30059                 |
| Temperature Calibration Bath TC-191 | A42238        |          |                          |
| Thermistor Module                   | A27129        | 12/01/17 | 1000401760               |
| Temperature Probe                   | 5202          | 12/19/17 | B6B30058-1               |
| Temperature Calibration Bath TC-218 | A73332        |          |                          |
| Thermistor Probe                    | 5356          | 1/10/18  | B7104024                 |
| Readout, Digital Thermometer        | B5C344        | 3/12/18  | B7314035                 |
| Temperature Calibration Bath TC-275 | B16388        |          |                          |
| Thermistor Probe                    | 5357          | 1/06/18  | B7104023                 |
| Readout, Digital Thermometer        | B5C344        | 3/12/18  | B7314035                 |

**Certificate Information:**

Technician: 104      Procedure: CAL-06      Cal Date: 6/08/17      Due Date: 6/08/19  
Test Conditions: 23.5°C      50.0 %RH      1014 mBar

**Calibration Data: (New Instrument)**

| Unit(s) | Nominal | As Found | In Tol | Nominal | As Left | In Tol | Min    | Max     | ±U    | TUR  |
|---------|---------|----------|--------|---------|---------|--------|--------|---------|-------|------|
| °C      |         | N.A.     |        | 0.002   | 0.000   | Y      | -0.048 | 0.052   | 0.010 | >4:1 |
| °C      |         | N.A.     |        | 25.003  | 25.001  | Y      | 24.953 | 25.053  | 0.010 | >4:1 |
| °C      |         | N.A.     |        | 50.002  | 50.000  | Y      | 49.952 | 50.052  | 0.010 | >4:1 |
| °C      |         | N.A.     |        | 100.001 | 100.002 | Y      | 99.951 | 100.051 | 0.010 | >4:1 |

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

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

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Judice*  
Aaron Judice, Technical Manager

**Maintaining Accuracy:**

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

**Recalibration:**

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

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2006-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
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(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. PUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 to 0.1220 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 10, 2018.

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

[Handwritten signature]

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

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

[Handwritten signature]
Notary

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



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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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Attorney General

COLONEL JOSEPH R. PUNTERO
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: Dräger Safety, Inc.

ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 19, 2018.

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

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

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

[Signature]
Notary
MARY ELIZABETH MCLAUGHLIN
ID # 2062190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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State of New Jersey

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CHRIS CHRISTIE  
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Lt. Governor

CHRISTOPHER S. PORRINO  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

MANUFACTURER: Dräger Safety, Inc.

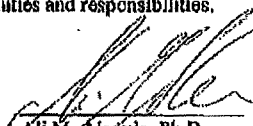
ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

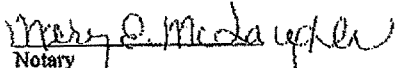
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 27, 2018.

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

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

Sworn to and subscribed before me this 5<sup>th</sup> day of October, 2016.

  
Notary

MARY ELIZABETH MCLAUGHLIN  
ID # 2062190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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State of New Jersey

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CHRIS CHRISTIE  
Governor

CHRISTOPHER S. PORRINO  
Attorney General

KIM GUADAÑO  
Lt. Governor

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 3, 2018.

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

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

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

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



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State of New Jersey

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Governor

CHRISTOPHER S. PORRINO
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: Draeger Safety, Inc.

ANALYSIS DATE: 07/13/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17200

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1208 to 0.1225 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, 2019.

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

Handwritten signature of Monica Tramontin

Monica Tramontin
Forensic Scientist III
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 14th day of July, 2017.

Handwritten signature of Mary Elizabeth McLaughlin
Notary

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



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DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

David W. Klimik

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL TESTS PURSUANT TO CHAPTER 10 OF  
THE LAWS OF 1986 IN THE OPERATION OF THE Alcotest 7110 MKIII-C  
& METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF July

TWO THOUSAND AND Fifteen

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ACTING ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

|    | DATE    | Refresher Course<br>PLACE | INSTRUCTOR |
|----|---------|---------------------------|------------|
| 1. | 1-19-17 | LAKEHURST                 | Wm Loo     |
| 2. |         |                           |            |
| 3. |         |                           |            |
| 4. |         |                           |            |
| 5. |         |                           |            |
| 6. |         |                           |            |
| 7. |         |                           |            |
| 8. |         |                           |            |
| 9. |         |                           |            |

S.P. 2938 (Rev. 08/13)

DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

David W. Klimik

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL TESTS PURSUANT TO CHAPTER 10 OF  
THE LAWS OF 1986 IN THE OPERATION OF THE Alcotest 7110 MKIII-C  
& METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 1st DAY OF June

TWO THOUSAND AND Fifteen

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ACTING ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 04/05/2010 - 04/08/2010

|    | DATE       | Refresher Course<br>PLACE | INSTRUCTOR |
|----|------------|---------------------------|------------|
| 1. | 01/23/2015 | Ocean Co. P.A.            | Stanks     |
| 2. | 1-19-17    | LAKEHURST                 | Wm Loo     |
| 3. |            |                           |            |
| 4. |            |                           |            |
| 5. |            |                           |            |
| 6. |            |                           |            |
| 7. |            |                           |            |
| 8. |            |                           |            |
| 9. |            |                           |            |

S.P. 2938 (Rev. 08/13)

**Dräger**

**Alcotest® 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

10-18-16

SERIAL NUMBER:

ARXB-0006

Dräger Safety Diagnostics, Inc.

BC

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDXCS3041

Certification Date:

1-4-18

Technician:

BC

Re-Certification Due Date:

1-4-19

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDUNP2-336

Certification Date:

1-3-18

Next Certification Due:

1-3-19

Probe Value:

102

Draeger, Inc.

BC