

# ALCOTEST CHECKLIST

Municipality: EVESHAM Alcotest Ser.#: ARDC - 0066

County: BURLINGTON Date of Calibration: 10-07-2013

- 1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.
- 2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.  
Ser. #: DDDC - 0001
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDLJ P1 - 0033
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 122 172 176
- 5.
  - A. Alcotest 7110 Calibration Record
  - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
  - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
  - D. **Alcotest Card** of operator/coordinator who performed tests.
  - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDMB P1 - 0002
- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>12</u>	<u>H</u>	<u>104</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>12</u>	<u>H</u>	<u>105</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>13</u>	<u>B</u>	<u>110</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>12</u>	<u>F</u>	<u>106</u>
- 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
  - A. 0.04% used in Calibration/Linearity Testing. DDWF S3 - 0215
  - B. 0.08% used in Calibration/Linearity Testing. DDXD S3 - 0193
  - C. 0.10% used in Calibration/Linearity Testing DDDC - 0001 [Same as instrument's CU34 unit].
  - D. 0.16% used in Calibration/Linearity Testing. DDWF S3 - 0241
- 8.
  - A. New Standard Solution Report following Calibration.
  - B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
  - C. Certificate of Analysis 0.10% solution for same.  
Lot #: 12 C 100
  - D. Alcotest card of operator/coordinator who completed change.

**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:

6-27-12

ARDC-0066

Dräger Safety Diagnostics, Inc.

\_\_\_\_\_ *AL*



**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:

DDDC-2001

Certification Date

9-24-13

Technician

BC

Re-Certification Due Date

9-24-14

# 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

DDLSP1-0033

Certification date:

9-24-13

Next Certification due:

9-24-14

Probe Value

106

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

BC



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



Cert. No.: 4000-4269985

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: 122172178      Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-275	ASA237		
Digital Thermometer	B16615	6/06/12	B1606038
PRT Temperature Probe	01841	6/28/12	B1526065
Temperature Calibration Bath TC-256	901575		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-BL72N-1-1
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-BN9WZ-27-1

Certificate Information:

Technician: 88      Procedure: CAL-06      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 Left	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.		50.000	50.000	Y	50.050	50.050	0.016	2.8:1
°C		N.A.		100.001	100.002	Y	99.951	100.051	0.018	2.8:1

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approach 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; 80% = As Left Max/Min(Rounded) - Tolerance; Max = As Left Max/Min(Rounded) + Tolerance; Calc-MINIMUM

*Nicol Rodriguez*  
Nicol 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-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Fitz Road Friendswood, TX 77648 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-01503-2008-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

# Alcotest 7110 Calibration Record

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARDC-0066
Location:	EVESHAM TOWNSHIP P.D.	Calib. No.:	00009
Calibration File No.:	00152	Calib. Date:	10/07/2013
Certification File No.:	00088	Cert. Date:	04/29/2013
Linearity File No.:	00089	Lin. Date:	04/29/2013
Solution File No.:	00149	Soln. Date:	10/01/2013
Sequential File No.:	00152	File Date:	10/07/2013
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDDC-0001
Solution Control Lot:	13B110	Expires:	02/13/2015
		Bottle No.:	0285

## Coordinator

Last Name: GONCALVES      First Name: MICHELLE      MI: L  
Signature: A/Sgt. Michelle # 6040      Badge No.: 6040  
Date: 10/07/2013

\*Black Key Temperature Probe Serial.....# DDMBPI - 0002 (MA)  
\*Digital NIST Temperature Measuring System Serial.....# 122 172 176 (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.: ARDC-0066  
Location: EVESHAM TOWNSHIP P.D.  
Calibration File No.: 00152 Calib. Date: 10/07/2013 Calib. No.: 00009  
Certification File No.: 00153 Cert. Date: 10/07/2013 Cert. No.: 00005  
Linearity File No.: 00089 Lin. Date: 04/29/2013 Lin. No.: 00003  
Solution File No.: 00149 Soln. Date: 10/01/2013 Soln. No.: 00027  
Sequential File No.: 00153 File Date: 10/07/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDDC-0001  
Control Solution %: 0.100% Expires: 02/13/2015  
Solution Control Lot: 13B110 Bottle No.: 0285

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:26D		
Control 1 EC	0.099%	11:27D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:28D		
Control 2 EC	0.099%	11:28D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:29D		
Control 3 EC	0.099%	11:30D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:30D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: A/Sgt. Helene # 6040

Badge No.: 6040

Date: 10/07/2013

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.: ARDC-0066  
**Location:** EVESHAM TOWNSHIP P.D.  
Calibration File No.: 00152 Calib. Date: 10/07/2013 Calib. No.: 00009  
Certification File No.: 00153 Cert. Date: 10/07/2013 Cert. No.: 00005  
Linearity File No.: 00154 Lin. Date: 10/07/2013 Lin. No.: 00004  
Solution File No.: 00149 Soln. Date: 10/01/2013 Soln. No.: 00027  
Sequential File No.: 00154 File Date: 10/07/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0215  
Control Solution %: 0.040% Expires: 08/24/2014  
Solution Control Lot: 12H104 Bottle No.: 1017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0193  
Control Solution %: 0.080% Expires: 08/27/2014  
Solution Control Lot: 12H105 Bottle No.: 1185

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0241  
Control Solution %: 0.160% Expires: 09/10/2014  
Solution Control Lot: 121106 Bottle No.: 0440

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:41D		
Control 1 EC	0.040%	11:42D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	11:42D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:43D		
Control 2 EC	0.041%	11:44D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	11:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:45D		
Control 3 EC	0.080%	11:46D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	11:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:47D		
Control 4 EC	0.080%	11:48D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	11:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:50D		
Control 5 EC	0.159%	11:50D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	11:50D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:52D		
Control 6 EC	0.158%	11:53D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	11:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:54D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: \_\_\_\_\_

*A/Sgt. Helo #6040*

Badge No.: 6040

Date: 10/07/2013

DEPARTMENT OF  
**Traffic and Public Safety**  
 Michelle L. Gonçalves  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO INSTRUCT IN THE STATE OF NEW JERSEY IN THE  
 THE LAWS OF THE STATE OF NEW JERSEY IN THE FIELD OF THE COURSE OF THE  
 A DECISION TO INSTRUCT IN THE COURSE OF THE  
 COVERED UNDER THE LAWS OF THE STATE OF NEW JERSEY

7110 MKIII-C  
 45th DAY OF December

LIEVER  
 AT POINT HONOLULU  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Instructor Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

S.P. 2008 (Rev. 03/06)

DEPARTMENT OF  
**Traffic and Public Safety**  
 Michelle Gonçalves  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO INSTRUCT IN THE STATE OF NEW JERSEY IN THE  
 THE LAWS OF THE STATE OF NEW JERSEY IN THE FIELD OF THE COURSE OF THE  
 A DECISION TO INSTRUCT IN THE COURSE OF THE  
 COVERED UNDER THE LAWS OF THE STATE OF NEW JERSEY

March Test Coordinator/Instructor  
 23rd DAY OF March  
 Twelve

AT POINT HONOLULU  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Instructor Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

S.P. 2008 (Rev. 03/06)





# CERTIFICATE

This is to certify that

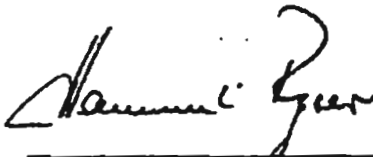
**Michelle Goncalves**

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) 984-6300

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 ✓





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

JEFFREY S. CHIESA  
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:** 9/26/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12H104

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0487 to 0.0491 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 24, 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 5<sup>th</sup> day of October, 2012.

Notary



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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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CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

JEFFREY S. CHIESA

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: Draeger Safety, Inc.

ANALYSIS DATE: 9/27/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H105

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 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 27, 2014.

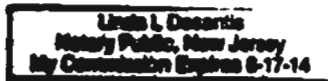
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

Handwritten signature of Ali M. Alaoui

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

Sworn to and subscribed before me this 5th day of October, 2012.

Handwritten signature of Notary and the word Notary



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**State of New Jersey**  
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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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 3/6/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13B110

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1234 to 0.1241 grams per 100 milliliters of solution.

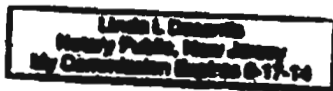
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is February 13, 2015.

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

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

Sworn to and subscribed before me this 7<sup>th</sup> day of March, 2013.

Linda R. DeFuria  
 Notary



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CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

JEFFREY S. CHIESA

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.

Handwritten signature of Ali M. Alaouie

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

Sworn to and subscribed before me this 5th day of October, 2012.

Handwritten signature of Notary
Notary



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**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

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**

# 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

## 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:

DDMBP1-0002

02/05/13

02/05/14

Probe Value

102

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

SV



# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARDC-0066
Location:	EVESHAM TOWNSHIP P.D.		
Calibration File No.:	00152	Calib. Date:	10/07/2013
Certification File No.:	00153	Cert. No.:	00009
Linearity File No.:	00154	Cert. Date:	10/07/2013
Solution File No.:	00155	Lin. Date:	10/07/2013
Sequential File No.:	00155	Soln. Date:	10/07/2013
		File Date:	10/07/2013
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDDC-0001
Solution Control Lot:	12C100	Expires:	03/02/2014
		Bottle No.:	1095

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:12D		
Control 1 EC	0.101%	13:13D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:13D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:14D		
Control 2 EC	0.100%	13:14D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:14D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15D		
Control 3 EC	0.099%	13:16D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:16D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17D		

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: DDLJPI - 0033 (MK)

**Changed By:**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: A/Sgt. Michelle #6040

Badge No.: 6040

Date: 10/07/2013



State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 3/21/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12C100

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1210 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 March 2, 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. Traplontin

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

Sworn to and subscribed before me this 23rd day of March, 2012.

Handwritten signature of Mary Elizabeth McLaughlin

Notary

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



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