

# ALCOTEST CHECKLIST

Municipality: FLORENCE TWP Alcotest Ser. #: ARTN-0053

County: BURLINGTON Date of Calibration: 12-17-2013

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. #: DDUM S3-0225
3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWT P2-144
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>I</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 DDUM S3-0225 [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 K 108  
 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:

3/21/2011

ARTN-0053

Dräger Safety Diagnostics, Inc.

  
\_\_\_\_\_



**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)

**Dräger Safety Diagnostics, Inc.**

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

Serial Number:

DDUMS3-0225

Certification Date

Technician

Re-Certification Due Date

6-13-13

BC

6-13-14

# 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:

DDWS P2-144

6-13-13

6-13-14

Probe Value

100

Dräger Safety Diagnostics, Inc.  
Technical Service Department

BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-4269985

**Traceable® Certificate of Calibration for Digital Thermometer**

Manufactured for and distributed by: VWR International, LLC, Radar Corporate Center, Bldg 1, Ste 200, 100 Merionford 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	ADA237		
Digital Thermometer	B16615	6/02/12	B1606038
PRT Temperature Probe	01841	6/28/12	B1526065
Temperature Calibration Bath TC-258	B01375		
Thermistor Module	A27128	10/31/12	1000306345
Temperature Probe	157	11/13/12	6-BLT2N-1-1
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-SH9WZ-27-1

**Certificate Information:**

Technician: 68      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 Lab	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.		99.999	99.998	Y	99.950	99.999	0.018	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 estimated unless otherwise noted and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the full impact 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 laboratory conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results presented 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 Laboratory's Reading. In-Tol: In-Tolerance. Min/Max: Acceptance Range. ±U: Expanded Measurement Uncertainty. TUR: Test Uncertainty Ratio. Accuracy: ±(Max-Min)/2. Min = As Lab Min/(Accuracy) + Tolerance. Max = As Lab Max/(Accuracy) + Tolerance. Date: MM/DD/YYYY

*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 size, if any at all, but can be affected by aging, temperature, shock, and contamination.

**Recalibration:**

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

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-8448 [service@control3.com](mailto:service@control3.com) [www.control3.com](http://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) Dan Norske Veritas, Certificate No. DEXY-01003-0008-AQ-MOLLANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA)

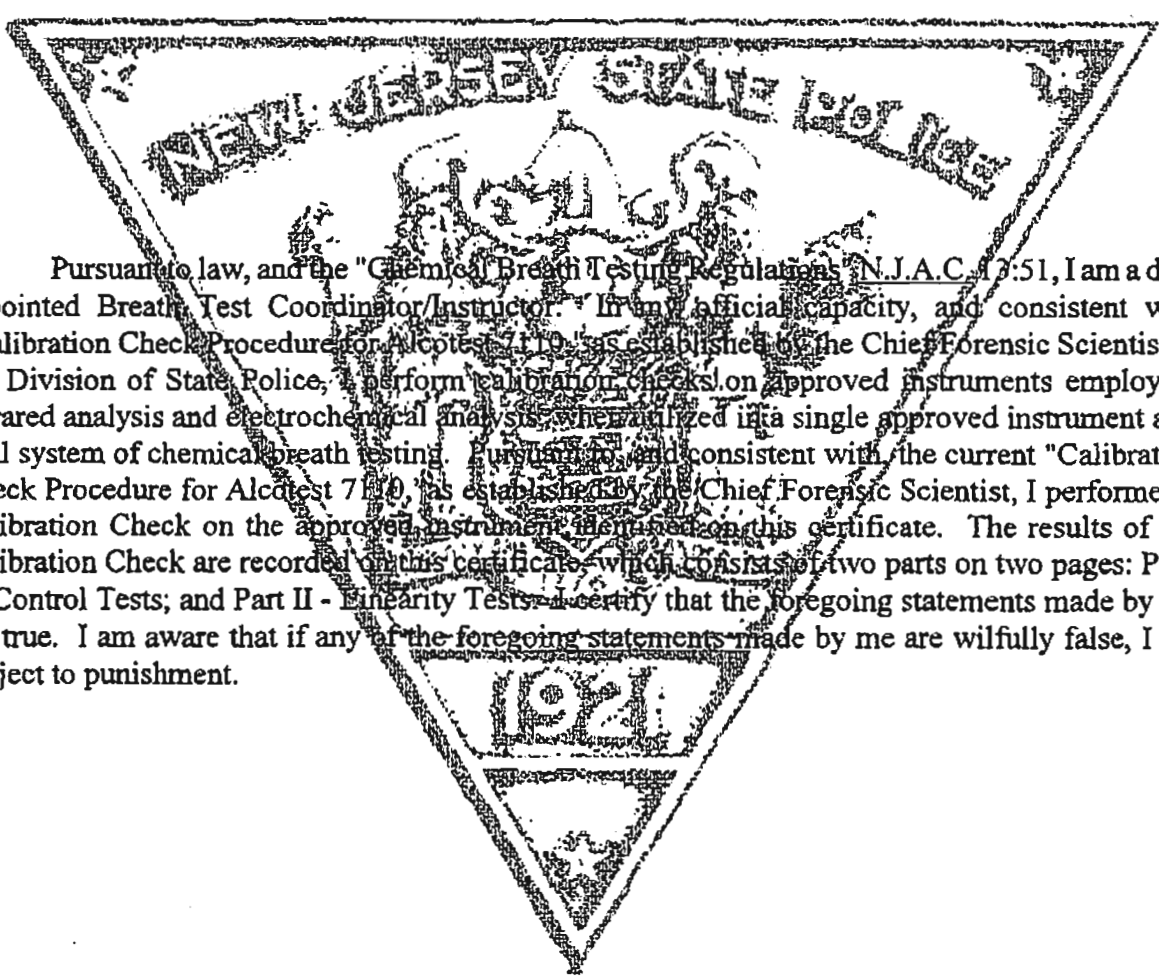
# Alcotest 7110 Calibration Record

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.		
Calibration File No.:	00655	Calib. Date:	12/17/2013
Certification File No.:	00628	Cert. Date:	07/03/2013
Linearity File No.:	00629	Lin. Date:	07/03/2013
Solution File No.:	00652	Soln. Date:	11/16/2013
Sequential File No.:	00655	File Date:	12/17/2013
		Calib. No.:	00023
		Cert. No.:	00015
		Lin. No.:	00015
		Soln. No.:	00143
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0225
Solution Control Lot:	13B110	Expires:	02/13/2015
		Bottle No.:	1199

## Coordinator

Last Name: GONCALVES      First Name: MICHELLE      MI: L  
Signature: A/Sgt. Helms #6040      Badge No.: 6040  
Date: 12/17/2013

\*Black Key Temperature Probe Serial.....# DDMBPI-0002 (MCA)  
\*Digital NIST Temperature Measuring System Serial.....# 122172176 (MCA)



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:51, 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, which are 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.: ARTN-0053  
**Location:** FLORENCE TOWNSHIP P.D.  
**Calibration File No.:** 00655 **Calib. Date:** 12/17/2013 **Calib. No.:** 00023  
**Certification File No.:** 00656 **Cert. Date:** 12/17/2013 **Cert. No.:** 00016  
**Linearity File No.:** 00629 **Lin. Date:** 07/03/2013 **Lin. No.:** 00015  
**Solution File No.:** 00652 **Soln. Date:** 11/16/2013 **Soln. No.:** 00143  
**Sequential File No.:** 00656 **File Date:** 12/17/2013

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDUM S3-0225  
**Control Solution %:** 0.100% **Expires:** 02/13/2015  
**Solution Control Lot:** 13B110 **Bottle No.:** 1199

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:03S		
Control 1 EC	0.100%	10:03S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:03S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:04S		
Control 2 EC	0.098%	10:05S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	10:05S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:05S		
Control 3 EC	0.099%	10:06S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:07S		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 12/17/2013

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



DEPARTMENT OF  
**Traffic and Public Safety**  
Up to us to make it right

**Michelle Goncalves**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO INSTRUCT AND SUPERVISE ALL OFFICERS FROM THE STATE OF NEW JERSEY FOR THE COURSE OF THE  
7118 MKIII-C  
A COURSE IN THE STATE OF NEW JERSEY  
COURSE NUMBER 7118 MKIII-C  
DATE December  
THIS COURSE IS FOR  
EIGHT

*[Signature]*  
SUPERVISOR  
NEW JERSEY STATE POLICE

*[Signature]*  
SUPERVISOR  
NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-3-13	GC PA	Winters
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2013 (Rev. 01/10)

DEPARTMENT OF  
**Traffic and Public Safety**  
Up to us to make it right

**Michelle Goncalves**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO INSTRUCT AND SUPERVISE ALL OFFICERS FROM THE STATE OF NEW JERSEY FOR THE COURSE OF THE  
7118 MKIII-C  
A COURSE IN THE STATE OF NEW JERSEY  
COURSE NUMBER 7118 MKIII-C  
DATE March  
THIS COURSE IS FOR  
Twelve

*[Signature]*  
SUPERVISOR  
NEW JERSEY STATE POLICE

*[Signature]*  
SUPERVISOR  
NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

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

S.P. 2013 (Rev. 01/10)





# CERTIFICATE

This is to certify that

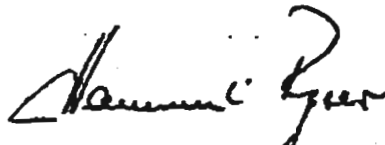
**Michelle Goncalves**

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.

[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]
Notary



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State of New Jersey  
 OFFICE OF THE ATTORNEY GENERAL  
 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
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 (609) 882-2000

CHRIS CHRISTIE  
 Governor

JEFFREY S. CHIESA  
 Attorney General

KIM GUADAGNO  
 Lt. Governor

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.

Ali M. Alauie, 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

Linda L. DeCarlis  
 Notary Public, New Jersey  
 My Commission Expires 6-17-14



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 OFFICE OF THE ATTORNEY GENERAL  
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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.

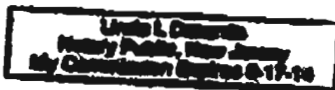
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

Notary



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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. 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 Joseph R. Fuentes
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

2-6-13

Technician

BC

Re-Certification Due Date

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

2-5-13

Technician

BC

Re-Certification Due Date

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

2-6-13

Technician

BC

Re-Certification Due Date

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

DDMBP1-0002

Certification date:

02/05/13

Next Certification due:

02/05/14

Probe Value

102

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

SY



# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	Calib. No.:	00023
Calibration File No.:	00655	Cert. Date:	12/17/2013
Certification File No.:	00656	Lin. Date:	12/17/2013
Linearity File No.:	00657	Soln. Date:	12/17/2013
Solution File No.:	00658	File Date:	12/17/2013
Sequential File No.:	00658		
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0225
Solution Control Lot:	12K108	Expires:	11/05/2014
		Bottle No.:	1098

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:47S		
Control 1 EC	0.099%	11:47S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.097%	11:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:48S		
Control 2 EC	0.098%	11:49S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.097%	11:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:49S		
Control 3 EC	0.097%	11:50S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.097%	11:50S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:51S		

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: DDWJP 2-144 MR

**Changed By:**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 12/17/2013



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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:** 12/13/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12K108

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1218 grams per 100 milliliters of solution.

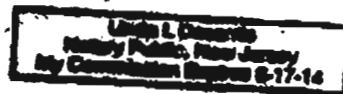
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is November 05, 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. Alaoui, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21<sup>st</sup> day of December, 2012.

Grinda L. W. Santos  
Notary



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