

# ALCOTEST CHECKLIST

Municipality: WILLINGBORO Alcotest Ser.#: ARWC-0060

County: BURLINGTON Date of Calibration: 09-09-2013

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. #: DDWE S3-0189

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDUN P2-293

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. DDWE S3-0189  
[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 A 097  
 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:

8-22-13

SERIAL NUMBER:

ARWC-0060

Dräger Safety Diagnostics, Inc.

BC



**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:

DDWE 53-0189

Certification Date

2-13-13

Technician

BC

Re-Certification Due Date

2-13-14

# 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

DDURP2-293

Certification date:

2-13-13

Next Certification due:

2-13-14

Probe Value

103

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.: 4000-4289985

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: 122172176      Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-275	ASA237		
Digital Thermometer	B18815	8/06/12	B1606038
PRT Temperature Probe	01841	6/28/12	B1526065
Temperature Calibration Bath TC-256	B01375		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-8L72N-1-1
Temperature Calibration Bath TC-178	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-8N9WZ-27-1

Certificate Information:

Technician: 88      Procedure: CAL-08      Cal Date: 3/30/12      Cal Due: 3/30/14  
Test Conditions: 23.0°C      44.0 %RH      1012 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.000	-0.001	Y	-0.050	0.050	0.013	9.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		60.000	60.000	Y	59.950	60.050	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 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 =  $(\text{Max}-\text{Min})/2$ ; Min = As Left Nominal/Rounded) - Tolerance; Max = As Left Nominal/Rounded) + 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 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 4458 Rax Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-8448 service@control3.com www.control3.com

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

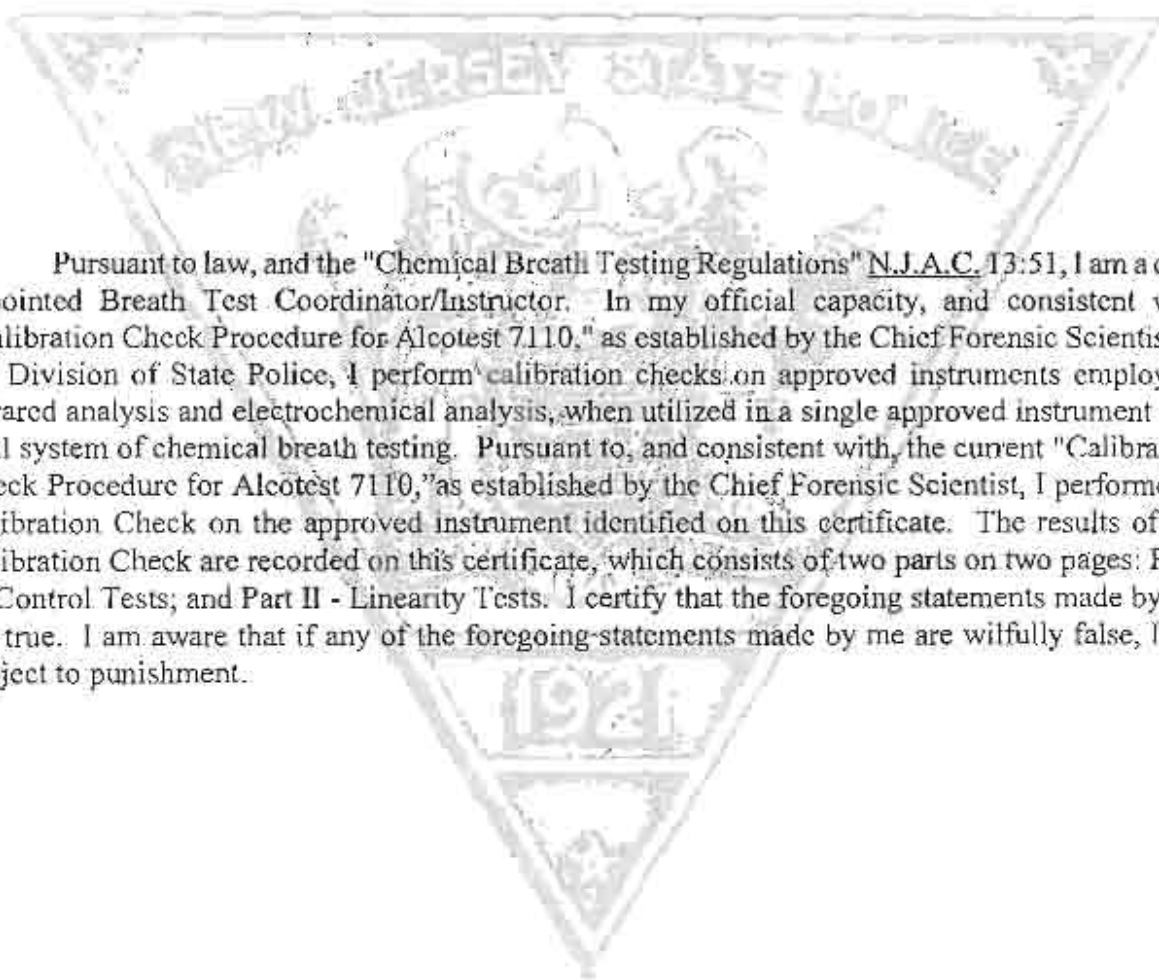
# Alcotest 7110 Calibration Record

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARWC-0060		
Location:	WILLINGBORO TWP POLICE				
Calibration File No.:	00454	Calib. Date:	09/09/2013	Calib. No.:	00024
Certification File No.:	00452	Cert. Date:	09/06/2013	Cert. No.:	00017
Linearity File No.:	00453	Lin. Date:	09/06/2013	Lin. No.:	00017
Solution File No.:	00450	Soln. Date:	08/22/2013	Soln. No.:	00115
Sequential File No.:	00454	File Date:	09/09/2013		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0189
Control Solution %:	0.100%			Expires:	02/13/2015
Solution Control Lot:	13B110			Bottle No.:	0288

## Coordinator

Last Name: GONCALVES First Name: MICHELLE MI. L.  
Signature: A/Sgt. Helms #6040 Badge No.: 6040  
Date: 09/09/2013

\*Black Key Temperature Probe Serial.....# DDMBP1-0002 (MG)  
\*Digital NIST Temperature Measuring System Serial.....# 122172176 (MG)



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.: ARWC-0060  
**Location:** WILMINGTON TWP POLICE  
**Calibration File No.:** 00454 **Calib. Date:** 09/09/2013 **Calib. No.:** 00024  
**Certification File No.:** 00455 **Cert. Date:** 09/09/2013 **Cert. No.:** 00018  
**Linearity File No.:** 00453 **Lin. Date:** 09/06/2013 **Lin. No.:** 00017  
**Solution File No.:** 00450 **Soln. Date:** 08/22/2013 **Soln. No.:** 00115  
**Sequential File No.:** 00455 **File Date:** 09/09/2013

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDWE 53-0189  
**Control Solution %:** 0.100% **Expires:** 02/13/2015  
**Solution Control Lot:** 13B110 **Bottle No.:** 0288

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:58D		
Control 1 EC	0.099%	09:59D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	09:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:00D		
Control 2 EC	0.099%	10:00D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:01D		
Control 3 EC	0.099%	10:01D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:02D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: I.

Signature: A/Sgt. Delvo #6040

Badge No.: 6040

Date: 09/09/2013

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.: ARWC-0060  
**Location:** WILLINGBORO TWP POLICE  
**Calibration File No.:** 00454 **Calib. Date:** 09/09/2013 **Calib. No.:** 00024  
**Certification File No.:** 00455 **Cert. Date:** 09/09/2013 **Cert. No.:** 00018  
**Linearity File No.:** 00456 **Lin. Date:** 09/09/2013 **Lin. No.:** 00018  
**Solution File No.:** 00450 **Soln. Date:** 08/22/2013 **Soln. No.:** 00115  
**Sequential File No.:** 00456 **File Date:** 09/09/2013

**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.:** 1010

**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.:** 1178

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDWF S3-0241  
**Control Solution %:** 0.160% **Expires:** 09/10/2014  
**Solution Control Lot:** 12H106 **Bottle No.:** 0427

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:14D		
Control 1 EC	0.039%	10:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	10:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16D		
Control 2 EC	0.040%	10:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	10:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		
Control 3 EC	0.079%	10:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	10:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:19D		
Control 4 EC	0.079%	10:20D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	10:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:21D		
Control 5 EC	0.156%	10:22D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	10:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:23D		
Control 6 EC	0.156%	10:24D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.156%	10:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:25D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: A/Sgt. [Signature] #6040

Badge No.: 6040

Date: 09/09/2013

DEPARTMENT OF  
**Public and Public Safety**  
State is to certify that

**Michelle L. Gonçalves**  
New Jersey State Police

is qualified and competent to conduct instruction and demonstrate to others the use of  
THE LAWS OF THIS STATE TO QUALIFY FOR THE **Alcohol 7110 MKIII-C**  
A LICENSE TO OBTAIN THIS LICENSE FOR **25th** DAY OF **December**  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS **25th** DAY OF **December**

THE SIGNATURE AND **ELVEN**

*[Signature]*  
STATE POLICE

*[Signature]*  
STATE POLICE

DEPARTMENT OF  
**Public and Public Safety**  
State is to certify that

**Michelle Gonçalves**  
New Jersey State Police

is qualified and competent to conduct instruction and demonstrate to others the use of  
THE LAWS OF THIS STATE TO QUALIFY FOR THE **Basic Test Coordinator/Instructor**  
A LICENSE TO OBTAIN THIS LICENSE FOR **23rd** DAY OF **March**  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS **23rd** DAY OF **March**

THE SIGNATURE AND **Twelve**

*[Signature]*  
STATE POLICE

*[Signature]*  
STATE POLICE

ORIGINAL COURSE DATES

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

S.P. 2010 (Rev. 10/10)

ORIGINAL COURSE DATES

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

S.P. 2010 (Rev. 10/10)





CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lieutenant Governor

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

JEFFREY S. CHIESA  
Attorney General

STEPHEN J. TAYLOR  
Director

March 23, 2012

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

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

Dear Col. Fuentes:

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

Very truly yours,

Jeffrey S. Chiesa  
Attorney General

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





# CERTIFICATE

This is to certify that

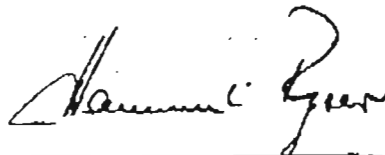
**Michelle Goncalves**

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**



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.

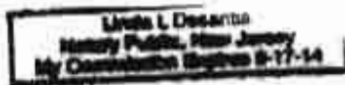
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Sworn to and subscribed before me this 5<sup>th</sup> day of October, 2012.

Linda S. DePante  
 Notary



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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:** Dräger 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.

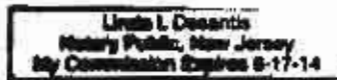
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Sworn to and subscribed before me this 5<sup>th</sup> day of October, 2012.

Notary



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CHRIS CHRISTIE  
*Governor*  
  
 KIM GUADAGNO  
*Li. 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 0.1174 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.

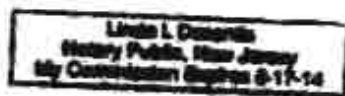
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Alf M. Alsouie, 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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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**  
**0.16 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: 121106

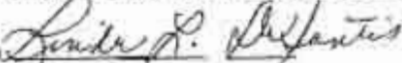
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 10, 2014.

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

  
 Ali M. Alhouie, 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. Desantis  
 Notary Public, New Jersey  
 My Commission Expires 9-17-14



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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

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

SY



# Calibrating Unit New Standard Solution Report

Equipment: Alcotest 7110 MKIII-C  
Location: WILLINGBORO TWP POLICE  
Serial No.: ARWC-0060  
Calibration File No.: 00454  
Certification File No.: 00455  
Linearity File No.: 00456  
Solution File No.: 00457  
Sequential File No.: 00457  
Calib. Date: 09/09/2013  
Cert. Date: 09/09/2013  
Lin. Date: 09/09/2013  
Soln. Date: 09/09/2013  
File Date: 09/09/2013  
Calib. No.: 00024  
Cert. No.: 00018  
Lin. No.: 00018  
Soln. No.: 00116  
Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 12A097  
Model No.: CU-34  
Serial No.: DDWE S3-0189  
Expires: 01/05/2014  
Bottle No.: 1254

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:32D		
Control 1 EC	0.098%	11:33D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	11:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:33D		
Control 2 EC	0.098%	11:34D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:34D		
Control 3 EC	0.099%	11:35D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	11:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:36D		

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: DDUNP2 - 293 (MAD)  
Changed By:  
Last Name: GONCALVES First Name: MICHELLE MI: L  
Signature: A/Sgt Michelle #6040 Badge No.: 6040  
Date: 09/09/2013



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**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: Dräger Safety, Inc.

ANALYSIS DATE: 2/6/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12A097

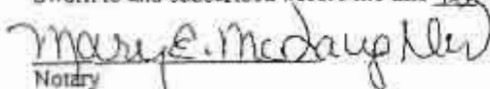
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1220 grams per 100 milliliters of solution.

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. 13:51-3.4, 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 January 5, 2014.

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

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

Sworn to and subscribed before me this 13<sup>th</sup> day of February, 2012.

  
 Notary

MARY ELIZABETH MCLAUGHLIN  
 NOTARY PUBLIC OF NEW JERSEY  
 MY COMMISSION EXPIRES 12-26-2013



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