

# Alcotest 7110 Calibration Record

**Equipment**

Alcotest 7110 MKIII-C	Serial No.:	ARTN-0042
Location: HIGHTSTOWN POLICE		
Calibration File No.: 01070	Calib. Date: 09/02/2014	Calib. No.: 00025
Certification File No.: 00995	Cert. Date: 03/13/2014	Cert. No.: 00019
Linearity File No.: 00996	Lin. Date: 03/13/2014	Lin. No.: 00019
Solution File No.: 01062	Soln. Date: 08/17/2014	Soln. No.: 00173
Sequential File No.: 01070	File Date: 09/02/2014	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDUL S3-0183
Control Solution %: 0.100%		Expires: 09/17/2015
Solution Control Lot: 131122		Bottle No.: 0752

**Coordinator**

Last Name: GONCALVES First Name: MICHELLE MI: L  
Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040  
Date: 09/02/2014

\*Black Key Temperature Probe Serial.....# DDUNP2 - 231 (Mey)

\*Digital NIST Temperature Measuring System Serial.....# 130602271 (Mey)

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.: ARTN-0042  
Location: HIGHTSTOWN POLICE  
Calibration File No.: 01070 Calib. Date: 09/02/2014 Calib. No.: 00025  
Certification File No.: 01071 Cert. Date: 09/02/2014 Cert. No.: 00020  
Linearity File No.: 00996 Lin. Date: 03/13/2014 Lin. No.: 00019  
Solution File No.: 01062 Soln. Date: 08/17/2014 Soln. No.: 00173  
Sequential File No.: 01071 File Date: 09/02/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0183  
Control Solution %: 0.100% Expires: 09/17/2015  
Solution Control Lot: 13I122 Bottle No.: 0752

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:26D		
Control 1 EC	0.100%	13:27D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.102%	13:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 2 EC	0.100%	13:28D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.103%	13:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29D		
Control 3 EC	0.101%	13:30D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:30D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 09/02/2014

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

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C		Serial No.: ARTN-0042
Location:	HIGHTSTOWN POLICE		
Calibration File No.:	01070	Calib. Date: 09/02/2014	Calib. No.: 00025
Certification File No.:	01071	Cert. Date: 09/02/2014	Cert. No.: 00020
Linearity File No.:	01072	Lin. Date: 09/02/2014	Lin. No.: 00020
Solution File No.:	01062	Soln. Date: 08/17/2014	Soln. No.: 00173
Sequential File No.:	01072	File Date: 09/02/2014	

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDMK S3-0003
Control Solution %:	0.040%			Expires:	09/13/2015
Solution Control Lot:	13I120			Bottle No.:	0294

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0193
Control Solution %:	0.080%			Expires:	09/16/2015
Solution Control Lot:	13I121			Bottle No.:	0845

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCN-0052
Control Solution %:	0.160%			Expires:	09/10/2014
Solution Control Lot:	12I106			Bottle No.:	0767

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:46D		
Control 1 EC	0.041%	13:47D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.041%	13:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:48D		
Control 2 EC	0.041%	13:49D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.041%	13:49D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:51D		
Control 3 EC	0.081%	13:51D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.081%	13:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:53D		
Control 4 EC	0.081%	13:53D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.082%	13:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:55D		
Control 5 EC	0.160%	13:55D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.160%	13:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:57D		
Control 6 EC	0.160%	13:58D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:58D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:59D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: *Sgt Michelle Adams #6040*

Badge No.: 6040

Date: 09/02/2014

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTN-0042  
Location: HIGHTSTOWN POLICE  
Calibration File No.: 01070 Calib. Date: 09/02/2014 Calib. No.: 00025  
Certification File No.: 01071 Cert. Date: 09/02/2014 Cert. No.: 00020  
Linearity File No.: 01072 Lin. Date: 09/02/2014 Lin. No.: 00020  
Solution File No.: 01073 Soln. Date: 09/02/2014 Soln. No.: 00174  
Sequential File No.: 01073 File Date: 09/02/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0183  
Control Solution %: 0.100% Expires: 11/05/2014  
Solution Control Lot: 12K108 Bottle No.: 1174

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:12D		
Control 1 EC	0.101%	15:12D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:13D		
Control 2 EC	0.101%	15:14D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	15:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:15D		
Control 3 EC	0.101%	15:15D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	15:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:16D		

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: DDWJPA - 055 (Mg)

Changed By:

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt Michelle Adams #6040

Badge No.: 6040

Date: 09/02/2014



**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:

DDUL 53-0183

Certification Date

3-24-14

Technician

ROC

Re-Certification Due Date

3-24-15

# 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

DDWJF2-055

Certification date:

3-24-14

Next Certification due:

3-24-15

Probe Value

102

Dräger Safety Diagnostics, Inc.  
Technical Service Department

ROC



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**  
**0.10 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:** Dräger 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.

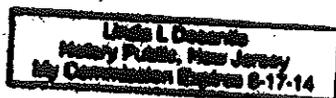
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Joseph R. Fuentes  
 Notary



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**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:

3-7-13

SERIAL NUMBER:

ARTN-0042

Dräger Safety Diagnostics, Inc.

PC



# CERTIFICATE

This is to certify that

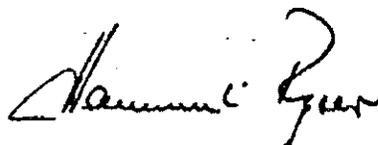
**Michelle Goncalves**

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**



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-5427014

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: 130602271      Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B48Z9-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	11/09/13	1000327281
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	83812004

Certificate Information:

Technician: 88      Procedure: CAL-06      Cal Date: 10/08/13      Cal Due: 10/08/15  
 Test Conditions: 24.0°C      37.0 %RH      1017 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.001	0.000	Y	-0.051	0.049	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.023	2.2:1
°C		N.A.		50.003	50.001	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.994	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=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Justice*  
Aaron Justice, Technical Manager

Maintaining Accuracy:

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

Recalibration:

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

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
 Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

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

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

Michelle L. Goncalves  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL TESTS FOR BREATH TEST OPERATORS IN ACCORDANCE WITH CHAPTER 1404 OF THE LAWS OF 1994 IN THE OPERATION OF THE Breath Test Operator/Instructor A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY SUPERVISION AT THIRSON, NEW JERSEY ON 25th DAY OF December

TWO THOUSAND AND ELEVEN

*[Signature]*  
 SUPERVISOR  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTEST: ORIGINAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 200B (Rev. 03/10)

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

Michelle Goncalves  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL TESTS IN ACCORDANCE WITH CHAPTER 1404 OF THE LAWS OF 1994 IN THE OPERATION OF THE Breath Test Operator/Instructor A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY SUPERVISION AT THIRSON, NEW JERSEY ON 23rd DAY OF March

TWO THOUSAND AND Twelve

*[Signature]*  
 SUPERVISOR  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTEST: ORIGINAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 200B (Rev. 03/10)



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 Guilfoy, Unit Head, Alcohol/Drug Test Unit, Division of State Police ✓





**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:

DDCN-0052

Certification Date

10-11-13

Technician

BC

Re-Certification Due Date

10-11-14

# 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

DDUN P2-231

Certification date:

1-21-14

Next Certification due:

1-21-15

Probe Value

1.06

Draeger Safety Diagnostics, Inc.  
Technical Service Department

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:

DDXD S3-0193

Certification Date

1-22-14

Technician

BC

Re-Certification Due Date

1-22-15



**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:

DDMKS3-0003

Certification Date

1-23-14

Technician

BC

Re-Certification Due Date

1-23-15



State of New Jersey  
 OFFICE OF THE ATTORNEY GENERAL  
 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
 POST OFFICE BOX 7068  
 WEST TRENTON, NJ 08628-0068  
 (609) 882-2000

CHRIS CHRISTIE  
 Governor

KIM GUADAGNO  
 Lt. Governor

JOHN J. HOFFMAN  
 Acting Attorney General

COLONEL JOSEPH R. FUENTES  
 Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.040 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: 10/25/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131120

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0489 grams per 100 milliliters of solution.

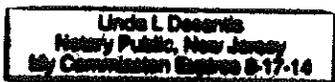
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 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 28<sup>th</sup> day of October, 2013.

Linda L. W. Fuentes  
 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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WEST TRENTON, NJ 08628-0068

(609) 882-2000

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

JOHN J. HOFFMAN  
Acting Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.080 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:** 10/31/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 13I121

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0971 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 16, 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 1st day of November 2013.

Mary E. McLaughlin  
Notary

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



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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**  
**0.16 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. 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

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



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CHRIS CHRISTIE  
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 Acting 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: 10/23/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131122

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1222 grams per 100 milliliters of solution.

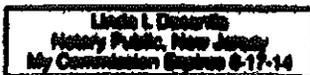
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 17, 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 28<sup>th</sup> day of October, 2013.

Linda L. DePantis  
 Notary



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