

# Alcotest 7110 Calibration Record

**Equipment**

Location: Alcotest 7110 MKIII-C

Serial No.: ARTL-0005

Calibration File No.: 01453 Location: PLAINSBORO TOWNSHIP PD

Calib. No.: 00027

Certification File No.: 01446

Cert. No.: 00019

Linearity File No.: 01447

Lin. No.: 00019

Solution File No.: 01452

Soln. No.: 00173

Sequential File No.: 01453

File Date: 04/16/2014

Calibrating Unit: WET

Model No.: CU-34

Serial No.: DDUF S3-0064

Control Solution %: 0.100%

Expires: 02/13/2015

Solution Control Lot: 13B110

Bottle No.: 0966

**Coordinator**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

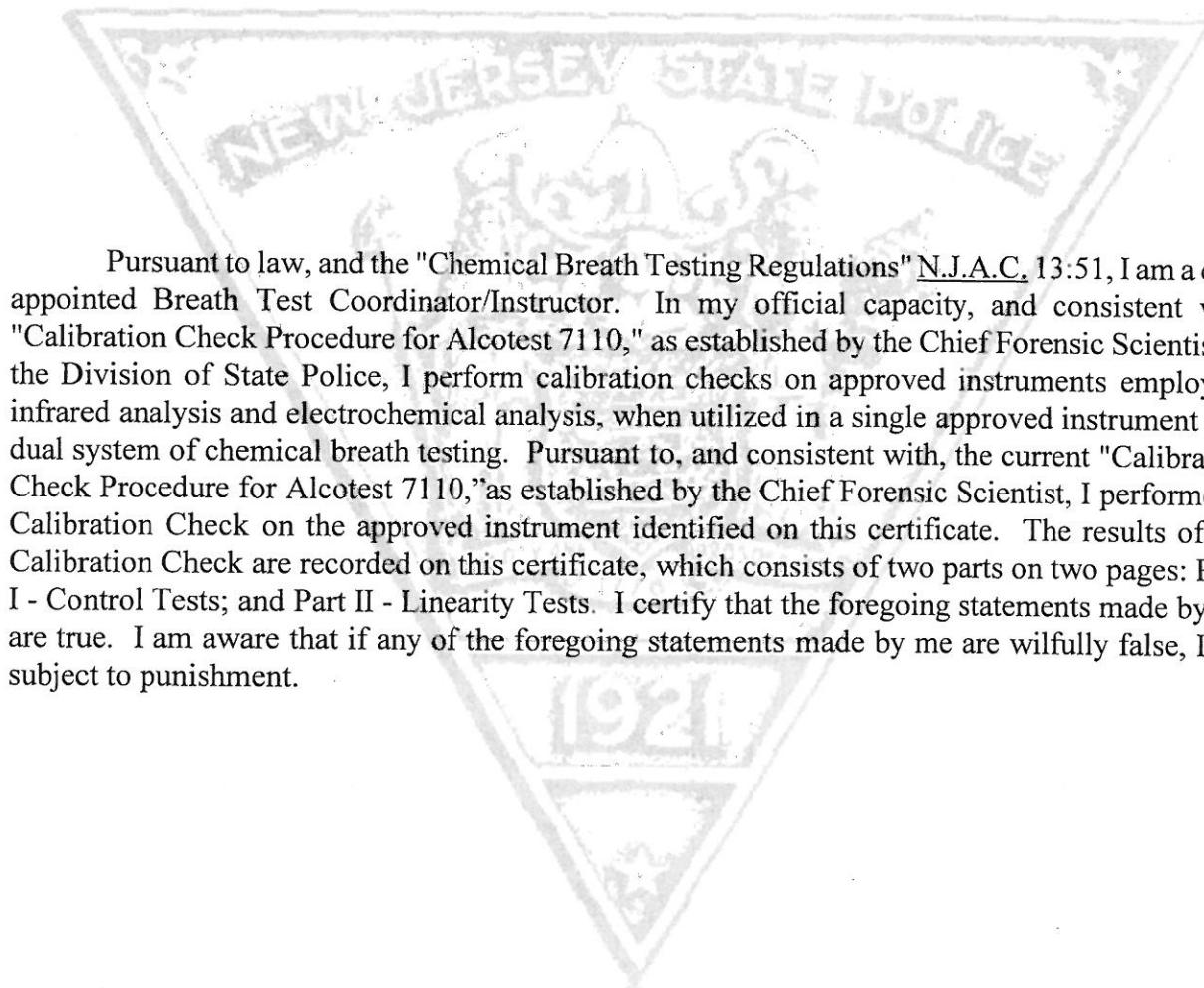
Signature: A/Sgt. Michelle Goncalves

Badge No.: 6040

Date: 04/16/2014

\*Black Key Temperature Probe Serial.....# DDXKP2-398 (M)

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



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.: ARTL-0005  
Location: PLAINSBORO TOWNSHIP PD  
Calibration File No.: 01453 Calib. Date: 04/16/2014 Calib. No.: 00027  
Certification File No.: 01454 Cert. Date: 04/16/2014 Cert. No.: 00020  
Linearity File No.: 01447 Lin. Date: 02/27/2014 Lin. No.: 00019  
Solution File No.: 01452 Soln. Date: 04/07/2014 Soln. No.: 00173  
Sequential File No.: 01454 File Date: 04/16/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0064  
Control Solution %: 0.100% Expires: 02/13/2015  
Solution Control Lot: 13B110 Bottle No.: 0966

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:28D		*** TEST PASSED ***
Control 1 EC	0.100%	10:28D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:29D		*** TEST PASSED ***
Control 2 EC	0.100%	10:29D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:30D		*** TEST PASSED ***
Control 3 EC	0.100%	10:30D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:31D		*** TEST PASSED ***

All tests within acceptable tolerance.

**Coordinator**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: A/Sgt. Michelle #6040

Badge No.: 6040

Date: 04/16/2014

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.: ARTL-0005		
Location:	PLAINSBORO TOWNSHIP PD			
Calibration File No.:	01453	Calib. Date: 04/16/2014		
Certification File No.:	01454	Cert. Date: 04/16/2014		
Linearity File No.:	01455	Lin. Date: 04/16/2014		
Solution File No.:	01452	Soln. Date: 04/07/2014		
Sequential File No.:	01455	File Date: 04/16/2014		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.040%	Serial No.: DDAE-0022		
Solution Control Lot:	12H104	Expires: 08/24/2014		
		Bottle No.: 1160		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.080%	Serial No.: DDXD S3-0193		
Solution Control Lot:	12H105	Expires: 08/27/2014		
		Bottle No.: 1078		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.160%	Serial No.: DDWF S3-0241		
Solution Control Lot:	12I106	Expires: 09/10/2014		
		Bottle No.: 0500		
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:36D		*** TEST PASSED ***
Control 1 EC	0.040%	11:37D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	11:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:38D		*** TEST PASSED ***
Control 2 EC	0.040%	11:39D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	11:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:40D		*** TEST PASSED ***
Control 3 EC	0.079%	11:40D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	11:40D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:42D		*** TEST PASSED ***
Control 4 EC	0.079%	11:42D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	11:42D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:44D		*** TEST PASSED ***
Control 5 EC	0.157%	11:44D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	11:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:46D		*** TEST PASSED ***
Control 6 EC	0.157%	11:46D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	11:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:47D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: A/Sgt. Michelle Goncalves

Badge No.: 6040

Date: 04/16/2014

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD	
Calibration File No.:	01453	Calib. Date: 04/16/2014
Certification File No.:	01454	Cert. Date: 04/16/2014
Linearity File No.:	01455	Lin. Date: 04/16/2014
Solution File No.:	01456	Soln. Date: 04/16/2014
Sequential File No.:	01456	File Date: 04/16/2014
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUF S3-0064
Solution Control Lot:	12I107	Expires: 09/13/2014
		Bottle No.: 0948

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:59D	34.0°C	*** TEST PASSED ***
Control 1 EC	0.099%	12:59D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:00D	34.0°C	*** TEST PASSED ***
Control 2 EC	0.099%	13:00D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01D	34.0°C	*** TEST PASSED ***
Control 3 EC	0.099%	13:01D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:02D	34.0°C	*** TEST PASSED ***

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: DD5F P2 - 0396 

Changed By:  
Last Name: GONCALVES First Name: MICHELLE MI: L  
Badge No.: 6040  
Signature: A/Sgt. Michelle Goncalves Date: 04/16/2014

**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:

4-7-14

SERIAL NUMBER:

ARTL-0005

Draeger 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)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDUF 53-0064

Certification Date

10-7-13

Technician

BC

Re-Certification Due Date

10-7-14

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

DDSF 72-0396

Certification date:

10-7-13

Next Certification due:

10-7-14

Probe Value

105

Draeger Safety Diagnostics, Inc.  
Technical Service Department

BC



**State of New Jersey**  
OFFICE OF THE ATTORNEY GENERAL

CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
*Lt. Governor*

DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

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: 10/3/2012**

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12I107**

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 0.1218 grams per 100 milliliters of solution.

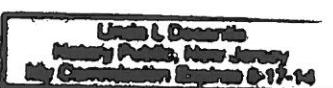
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Linda L. Desantis  
Notary



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Printed on Recycled Paper and Recyclable





# CERTIFICATE

This is to certify that

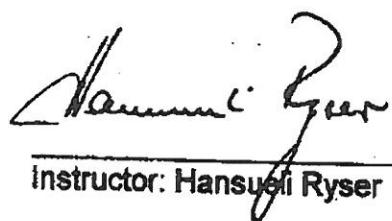
**Michelle Goncalves**

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**



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

IS QUALIFIED AND COMPETENT TO CONDUCT CERTAIN POLICE FUNCTIONS RELATING TO CHAPTER 50 OF  
THE LAWS OF NEW JERSEY RELATING TO THE  
ARMED FORCES COORDINATOR/INSTRUCTOR  
A METHOD TO DETERMINE INFORMATION  
GIVEN UNDER MY SWORN AFFIRMATION, NEW JERSEY, ON THE 25th DAY OF December  
TWO THOUSAND AND Eleven

*[Signature]*  
Sergeant  
New Jersey State Police

ATTESTED  
Sergeant  
New Jersey State Police

ORIGINAL COURSE DATES

DATE	PLACE	INSTRUCTOR
1. 12-3-13	GCPA	Wm. L. Ross
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 03/10)

DEPARTMENT OF  
*Police and Public Safety*  
Michelle Goncalves  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CERTAIN POLICE FUNCTIONS RELATING TO CHAPTER 50 OF  
THE LAWS OF NEW JERSEY RELATING TO THE  
ARMED FORCES COORDINATOR/INSTRUCTOR  
A METHOD TO DETERMINE INFORMATION  
GIVEN UNDER MY SWORN AFFIRMATION, NEW JERSEY, ON THE 23rd DAY OF March  
TWO THOUSAND AND Twelve

*[Signature]*  
Sergeant  
New Jersey State Police

ATTESTED  
Sergeant  
New Jersey State Police

ORIGINAL COURSE DATES

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

S.P. 293B (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)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34  
 Model: MARK II A  
 Other: \_\_\_\_\_

Serial Number:

DDWFS3-0241

Certification Date

1-24-14

Technician

BC

Re-Certification Due Date

1-24-15

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	Certification date:	Next Certification due:
DDXKP2-398	8-21-13	8-21-14
Probe Value	BC	
106		

Dräger Safety Diagnostics, Inc.  
Technical Service Department



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:

DDX153-0193

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)

Draeger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

Other: \_\_\_\_\_

Serial Number:

DDAE-0022

Certification Date

6-11-13

Technician

BC

Re-Certification Due Date

10-11-14



State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
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*Lt. Governor*

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*Attorney General*

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*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.

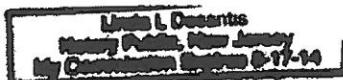
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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



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*Lt. Governor*

JEFFREY S. CHIESA  
*Attorney General*

COLONEL JOSEPH R. FUENTES  
*Superintendent*

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

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

**MANUFACTURER: Draeger Safety, Inc.**

**ANALYSIS DATE: 9/27/2012**

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H105**

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 grams per 100 milliliters of solution.

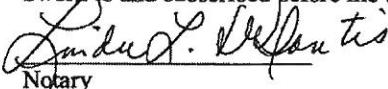
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 27, 2014.

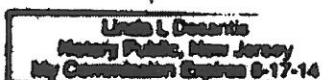
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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



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 L. Desantis  
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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CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
*Lt. Governor*

JEFFREY S. CHIESA  
*Attorney General*

COLONEL JOSEPH R. FUENTES  
*Superintendent*

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

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

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 10/2/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12I106

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

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

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

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 L. De Santis  
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  
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

**MANUFACTURER: Draeger Safety, Inc.**

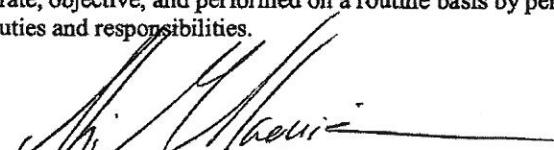
**ANALYSIS DATE: 3/6/2013**

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13B110**

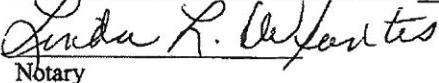
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1234 to 0.1241 grams per 100 milliliters of solution.

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

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

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

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

  
Linda L. DeFante  
Notary



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