

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: <u>Sgt. Michelle Goncalves #6040</u>	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
Certification File No.:	01071	Cert. Date:	09/02/2014
Linearity File No.:	00996	Lin. Date:	03/13/2014
Solution File No.:	01062	Soln. Date:	08/17/2014
Sequential File No.:	01071	File Date:	09/02/2014
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUL S3-0183
Solution Control Lot:	13I122	Expires:	09/17/2015
		Bottle No.:	0752

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) 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

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0042
Location:	HIGHTSTOWN POLICE		
Calibration File No.:	01070	Calib. Date:	09/02/2014
Certification File No.:	01071	Cert. Date:	09/02/2014
Linearity File No.:	01072	Lin. Date:	09/02/2014
Solution File No.:	01062	Soln. Date:	08/17/2014
Sequential File No.:	01072	File Date:	09/02/2014
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%		
Solution Control Lot:	13I120	Serial No.:	DDMK S3-0003
		Expires:	09/13/2015
		Bottle No.:	0294
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%		
Solution Control Lot:	13I121	Serial No.:	DDXD S3-0193
		Expires:	09/16/2015
		Bottle No.:	0845
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%		
Solution Control Lot:	12I106	Serial No.:	DDCN-0052
		Expires:	09/10/2014
		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 Torres #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 %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) 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: DDWJP2 - 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 33-0183

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

DDWJ P2-055

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.

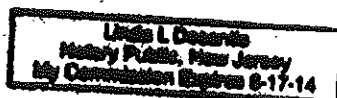
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration 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 21st day of December, 2012.

André L. De Santos
Notary



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Printed on Recycled Paper and Recyclable





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

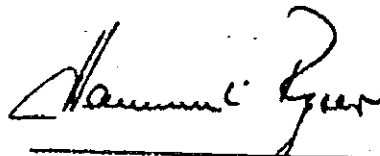
Michelle Goncalves

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

Draeger



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-08 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 Judice
Aaron Judice, 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 COURSE IN THE MATTER OF
THE LAWS OF THE STATE OF NEW JERSEY IN CONNECTION WITH
A METHOD OF DETERMINING INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY ON 15th DAY OF December

TWO THOUSAND AND ELEVEN

[Signature]
SUPERVISOR
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Michelle Goncalves
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN THE MATTER OF
THE LAWS OF THE STATE OF NEW JERSEY IN CONNECTION WITH
A METHOD OF DETERMINING INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY ON 23rd DAY OF March

TWO THOUSAND AND TWELVE

[Signature]
SUPERVISOR
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-3-13	GCPR	Wm. L...
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

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

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:

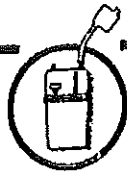
Pursuant to the provisions of *N.J.A.C. 13:51-2.1 (b) and (c)*, as adopted and promulgated under the provisions of *N.J.S.A. 39:4-50.3, 39:3-10.25 and 12:7-56*, I hereby approve Detective I Michelle L. Goncalves #6040, as a duly certified Breath Test Coordinator/Instructor. This approval is effective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

106

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)

Draeger 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)

Draeger Safety Diagnostics, Inc.

- ☒ Model: ALCOTEST® CU34
☐ Model: MARK IIA
☐ Other: _____

Serial Number:

DDMK S3-0003

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

Sworn to and subscribed before me this 28th day of October, 2013.

Notary



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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
0.080 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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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.

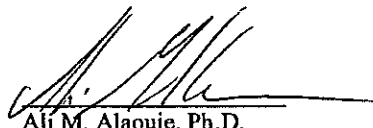
ANALYSIS DATE: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 121106

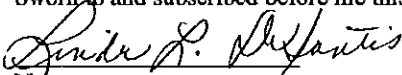
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 grams per 100 milliliters of solution.

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

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


Notary



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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JOHN J. HOFFMAN
Acting 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: 10/23/2013

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.

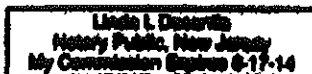
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Sworn to and subscribed before me this 28th day of October, 2013.

Linda L. DePantis
Notary



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