

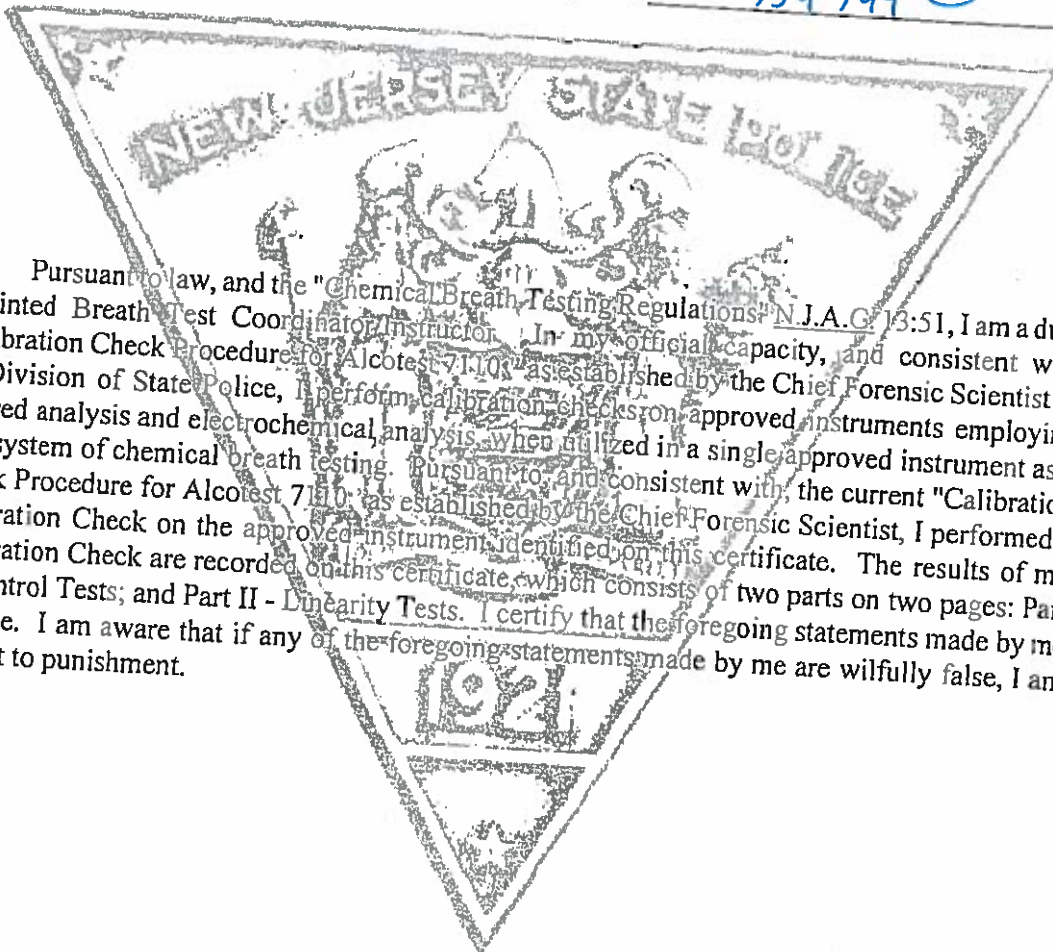
Alcotest 7110 Calibration Record

Equipment
Alcotest 7110 MKIII-C
Location: WALL TOWNSHIP POLICE
Serial No.: ARXA-0037
Calibration File No.: 01259
Calib. Date: 03/25/2015
Cert. No.: 00025
Certification File No.: 01192
Cert. Date: 10/10/2014
Cert. No.: 00016
Linearity File No.: 01193
Lin. Date: 10/10/2014
Lin. No.: 00016
Solution File No.: 01257
Soln. Date: 03/19/2015
Soln. No.: 00208
Sequential File No.: 01259
File Date: 03/25/2015

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 13I123
Model No.: CU-34
Serial No.: DDXB S3-113
Expires: 09/23/2015
Bottle No.: 1061

Coordinator
Last Name: DENNIS
First Name: MARC
MI: W.
Signature: SGT. [Signature] # 5925
Badge No.: 5925
Date: 03/25/2015

*Black Key Temperature Probe Serial.....# DDXK P2-376 (10)
*Digital NIST Temperature Measuring System Serial.....# 130754749 (10)



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.:	ARXA-0037
Location:	WALL TOWNSHIP POLICE	Calib. No.:	00025
Calibration File No.:	01259	Cert. No.:	00017
Certification File No.:	01260	Lin. No.:	00016
Linearity File No.:	01193	Soln. No.:	00208
Solution File No.:	01257	Calib. Date:	03/25/2015
Sequential File No.:	01260	Cert. Date:	03/25/2015
		Lin. Date:	10/10/2014
		Soln. Date:	03/19/2015
		File Date:	03/25/2015
 		Model No.:	CU-34
Calibrating Unit:	WET	Serial No.:	DDXB S3-113
Control Solution %:	0.100%	Expires:	09/23/2015
Solution Control Lot:	13I123	Bottle No.:	1061

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:09S	13:09	
Control 1 EC	0.099%	12:09S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:09S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:10S		
Control 2 EC	0.100%	12:11S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:11S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:11S		
Control 3 EC	0.100%	12:12S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:12S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:13S	13:13	

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

Signature:

First Name: MARC

Badge No.: 5925

Date: 03/25/2015

MI: W.

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

Location: Alcotest 7110 MKIII-C
 WALL TOWNSHIP POLICE
 Serial No.: ARXA-0037
 Calibration File No.: 01259
 Calib. Date: 03/25/2015
 Certification File No.: 01260
 Cert. Date: 03/25/2015
 Linearity File No.: 01261
 Lin. Date: 03/25/2015
 Solution File No.: 01257
 Soln. Date: 03/19/2015
 Sequential File No.: 01261
 File Date: 03/25/2015

Calibrating Unit: WET
 Control Solution %: 0.040%
 Solution Control Lot: 131120
 Model No.: CU-34
 Serial No.: DDXD S3-0186
 Expires: 09/13/2015
 Bottle No.: 0100

Calibrating Unit: WET
 Control Solution %: 0.080%
 Solution Control Lot: 131121
 Model No.: CU-34
 Serial No.: DDXD S3-0188
 Expires: 09/16/2015
 Bottle No.: 0400

Calibrating Unit: WET
 Control Solution %: 0.160%
 Solution Control Lot: 14H131
 Model No.: CU-34
 Serial No.: DDXD S3-0191
 Expires: 08/05/2016
 Bottle No.: 0758

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:30S	13:30	
Control 1 EC	0.042%	12:31S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:33S		
Control 2 EC	0.041%	12:33S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	12:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:35S		
Control 3 EC	0.082%	12:35S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	12:35S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:37S		
Control 4 EC	0.082%	12:37S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	12:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:39S		
Control 5 EC	0.158%	12:40S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	12:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:41S		
Control 6 EC	0.159%	12:42S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	12:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:43S	13:43	

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: SGT. P. Dennis #5925

Badge No.: 5925

Date: 03/25/2015

Calibrating Unit New Standard Solution Report

Equipment

Location: Alcotest 7110 MKIII-C
 WALL TOWNSHIP POLICE
 Calibration File No.: 01259
 Certification File No.: 01260
 Linearity File No.: 01261
 Solution File No.: 01262
 Sequential File No.: 01262

Serial No.: ARXA-0037
 Calib. Date: 03/25/2015
 Cert. Date: 03/25/2015
 Lin. Date: 03/25/2015
 Soln. Date: 03/25/2015
 File Date: 03/25/2015
 Calib. No.: 00025
 Cert. No.: 00017
 Lin. No.: 00017
 Soln. No.: 00209

Calibrating Unit: WET
 Control Solution %: 0.100%
 Solution Control Lot: 14D129

Model No.: CU-34
 Serial No.: DDXB S3-113
 Expires: 04/29/2016
 Bottle No.: 0145

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:02S	15:02.0 (10)	
Control 1 EC	0.100%	14:02S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:03S		
Control 2 EC	0.100%	14:04S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:04S		
Control 3 EC	0.100%	14:05S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:05S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:06S	15:06.0 (10)	

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: DDWJ P2-784 (10)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: SGT. R. Dennis #5925

Badge No.: 5925

Date: 03/25/2015



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

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: Dräger Safety, Inc.

ANALYSIS DATE: 5/06/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14D129

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1208 to 0.1217 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 April 29, 2016.

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 6th day of May, 2014.

Joseph R. Fuentes
Notary

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



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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:

4-23-14

SERIAL NUMBER:

ARXA-0037

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:

DDXB 53-113

Certification Date

1-30-15

Technician

BC

Re-Certification Due Date

1-30-16

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 P2-284

Certification date:

1-30-15

Next Certification due:

1-30-16

Probe Value

104

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:

DDXDS3-0186

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15



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:

DDXDS3-0188

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15



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:

DDXDS3-091

Certification Date

9-19-14

Technician

BC

Re-Certification Due Date

9-19-15

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

DDXK P2-376

Certification date:

9-2-14

Next Certification due:

9-2-15

Probe Value

106

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



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



Calibration
Certificate No. 1750.01

Cert. No.: 4000-5574134

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: 130754749 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118		
Temperature Probe	128	2/13/14	1000332071
Temperature Calibration Bath TC-231	A78341	2/20/14	6-B48Z9-30-1
Thermistor Module	A17118		
Temperature Probe	3039	2/13/14	1000332071
Temperature Calibration Bath TC-218	A73332	2/20/14	6-B48Z9-1-1
Thermistor Module	A27129		
Temperature Probe	5202	10/25/14	1000346002
Temperature Calibration Bath TC-275	B16388	11/30/14	15-B15PW-1-1
Digital Thermometer	B16815		
PRT Temperature Probe	02022	8/12/14	1000341967
		8/14/15	B3812004

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 12/12/13 Cal Due: 12/12/15
Test Conditions: 24.0°C 33.0%RH 1033 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	0.001	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	25.001	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.000	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	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; Data=MM/DDYY

Mool Rodriguez
Mool 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 size, 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-01805-2008-AQ-HOU-RwA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey
 OFFICE OF THE ATTORNEY GENERAL
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 DIVISION OF STATE POLICE
 POST OFFICE BOX 7068
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 (609) 882-2000

CHRIS CHRISTIE
 Governor

JOHN J. HOFFMAN
 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.

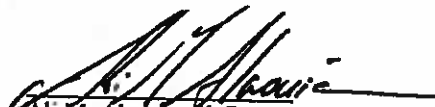
ANALYSIS DATE: 10/24/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13I123

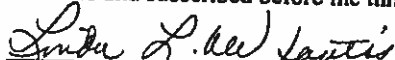
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1186 to 0.1192 grams per 100 milliliters of solution.

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 23, 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 24th day of October, 2013.


 Notary



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 Governor

JOHN J. HOFFMAN
 Acting Attorney General

KIM GUADAGNO
 Lt. Governor

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.

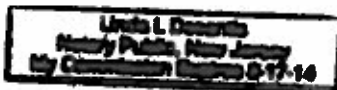
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Quida L. W. Fuentes
 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
0.080 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: Dräger Safety, Inc.

ANALYSIS DATE: 10/31/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131121

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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 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. FURNIER
 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.

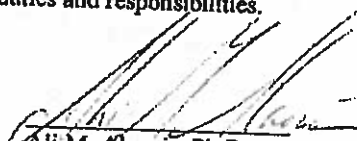
ANALYSIS DATE: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

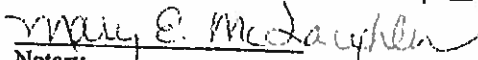
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 grams per 100 milliliters of solution.

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 5, 2016.

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

Sworn to and subscribed before me this 18th day of August, 2014.


 Notary
MARY ELIZABETH MCLAUGHLIN
 ID # 2052180
 NOTARY PUBLIC
 STATE OF NEW JERSEY
 My Commission Expires Dec. 24, 2018



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DEPARTMENT OF
Traffic and Public Safety

This is to certify that
Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL ANALYSIS PURSUANT TO CHAPTER 142 OF THE LAWS OF 1984 IN THE OPERATION OF THE **Breathalyzer**
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 26th day of Sept. 2001

C. P. [Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 8/18 - 8/22/97

Refresher Course

DATE	PLACE	INSTRUCTOR
1. 11/10/99	O.C.P.A.	Cambridge
2. 11-14-01	AGTC	R. J. [Signature]
3. 7-17-07	AGTC	[Signature]
4. 10-6-05	ICTC	[Signature]
5. 11-14-07	OCPA	C. Potter
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

SP-293B (Rev. 4/00)

DEPARTMENT OF
Traffic and Public Safety

This is to certify that
Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL ANALYSIS PURSUANT TO CHAPTER 142 OF THE LAWS OF 1984 IN THE OPERATION OF THE **7110 MK III-C**
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 28th day of April 2001

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

Refresher Course

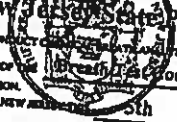
DATE	PLACE	INSTRUCTOR
1. 12-19-07	Ocean Co. PA	Potter
2. 3/12/09	MORRIS CO. PA	M. [Signature]
3. 2-10-11	SAYREVILLE PD	[Signature]
4. 11/19/13	S.C.E.S.T.A.	[Signature]
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 07/07)

DEPARTMENT OF
Traffic and Public Safety
What is to certify that

Marc W. Dennis

New Jersey State Police



IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN THE STATE POLICE PURSUANT TO CHAPTER 143 OF
 THE LAWS OF 1964 IN THE OPERATION OF THE COURSE AS A REFRESHER COURSE FURNISHING A
 METHOD TO DETERMINE PROFICIENCY
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY

____th DAY OF November
 Two thousand and Eight

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2938 (Rev. 07/07)