

Alcotest 7110 Calibration Record

Equipment

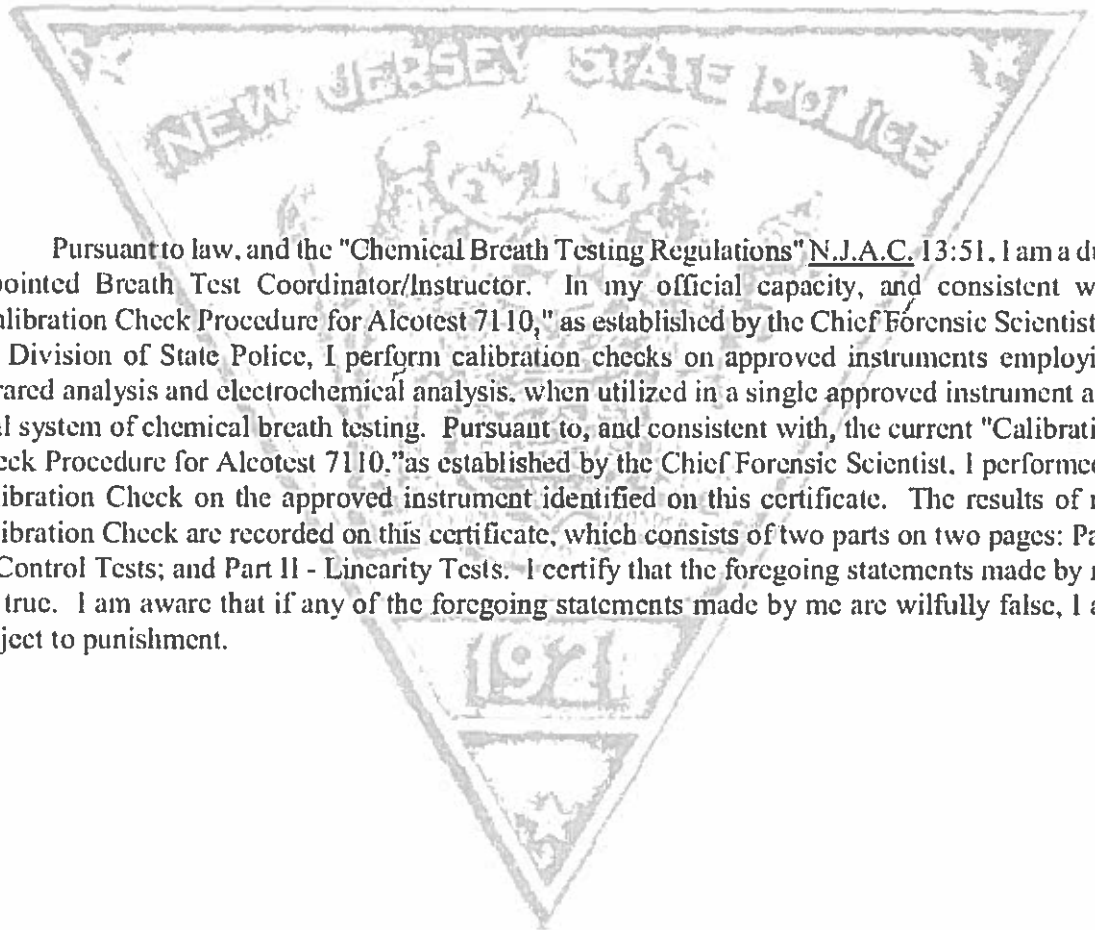
Alcotest 7110 MKIII-C
Serial No.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01548 Calib. Date: 09/26/2018 Calib. No.: 00044
Certification File No.: 01514 Cert. Date: 04/27/2018 Cert. No.: 00030
Linearity File No.: 01515 Lin. Date: 04/27/2018 Lin. No.: 00029
Solution File No.: 01547 Soln. Date: 09/21/2018 Soln. No.: 00236
Sequential File No.: 01548 File Date: 09/26/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0364
Control Solution %: 0.100% Expires: 08/07/2019
Solution Control Lot: 17230 Bottle No.: 0728

Coordinator

Last Name: PAVLOSKY First Name: ALLISON MI: M.
Signature: T. Pavlosky 7330 Badge No.: 7330
Date: 09/26/2018

*Black Key Temperature Probe Serial.....# DDHP2-065A
*Digital NIST Temperature Measuring System Serial.....# 170428364A



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.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01548 **Calib. Date:** 09/26/2018 **Calib. No.:** 00044
Certification File No.: 01549 **Cert. Date:** 09/26/2018 **Cert. No.:** 00031
Linearity File No.: 01515 **Lin. Date:** 04/27/2018 **Lin. No.:** 00029
Solution File No.: 01547 **Soln. Date:** 09/21/2018 **Soln. No.:** 00236
Sequential File No.: 01549 **File Date:** 09/26/2018

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWJ S3-0364
Control Solution %: 0.100% **Expires:** 08/07/2019
Solution Control Lot: 17230 **Bottle No.:** 0728

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:04D		
Control 1 EC	0.099%	15:05D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:05D		
Control 2 EC	0.100%	15:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	15:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:07D		
Control 3 EC	0.100%	15:07D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	15:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:08D		

All tests within acceptable tolerance.

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: 

Badge No.: 7330

Date: 09/26/2018

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.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01548 Calib. Date: 09/26/2018 Calib. No.: 00044
Certification File No.: 01549 Cert. Date: 09/26/2018 Cert. No.: 00031
Linearity File No.: 01550 Lin. Date: 09/26/2018 Lin. No.: 00030
Solution File No.: 01547 Soln. Date: 09/21/2018 Soln. No.: 00236
Sequential File No.: 01550 File Date: 09/26/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0003
Control Solution %: 0.040% Expires: 08/10/2019
Solution Control Lot: 17240 Bottle No.: 0098

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0008
Control Solution %: 0.080% Expires: 08/15/2019
Solution Control Lot: 17250 Bottle No.: 0974

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0006
Control Solution %: 0.160% Expires: 08/21/2019
Solution Control Lot: 17260 Bottle No.: 1480

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:17D		
Control 1 EC	0.041%	15:18D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	15:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:19D		
Control 2 EC	0.040%	15:20D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	15:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:21D		
Control 3 EC	0.079%	15:22D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	15:22D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:23D		
Control 4 EC	0.079%	15:24D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	15:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:25D		
Control 5 EC	0.158%	15:26D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	15:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:27D		
Control 6 EC	0.159%	15:28D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	15:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:29D		

All tests within acceptable tolerance.

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: _____



Badge No.: 7330

Date: 09/26/2018

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01548 **Calib. Date:** 09/26/2018 **Calib. No.:** 00044
Certification File No.: 01549 **Cert. Date:** 09/26/2018 **Cert. No.:** 00031
Linearity File No.: 01550 **Lin. Date:** 09/26/2018 **Lin. No.:** 00030
Solution File No.: 01551 **Soln. Date:** 09/26/2018 **Soln. No.:** 00237
Sequential File No.: 01551 **File Date:** 09/26/2018

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWJ S3-0364
Control Solution %: 0.100% **Expires:** 09/14/2019
Solution Control Lot: 17290 **Bottle No.:** 0675

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	16:34D		
Control 1 EC	0.099%	16:34D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	16:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:35D		
Control 2 EC	0.099%	16:35D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:36D		
Control 3 EC	0.099%	16:37D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	16:37D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:37D		

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: DDWA P2-215 A

Changed By:

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: 

Badge No.: 7330

Date: 09/26/2018

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:

12-3-15

SERIAL NUMBER:

ARWF-0382

Dräger Safety Diagnostics, Inc.

BC



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-8609164

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: 170428364 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/06/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5202	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5356	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	5357	1/06/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 6/08/17 Due Date: 6/08/19
Test Conditions: 23.5°C 50.0 %RH 1014 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.002	0.001	Y	-0.048	0.052	0.010	>4:1
°C		N.A.		25.003	25.001	Y	24.953	25.053	0.010	>4:1
°C		N.A.		50.002	50.000	Y	49.952	50.052	0.010	>4:1
°C		N.A.		100.001	100.002	Y	99.951	100.051	0.010	>4:1

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 12554 Galveston RD Suite B230 Webster TX USA 77598
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-RVA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDMK53-0003

Certification Date:

7-13-18

Technician:

BS

Re-Certification Due Date:

7-13-19

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDMK53-0006

Certification Date:

7-23-18

Technician:

BS

Re-Certification Due Date:

7-23-19

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDRFS3-0008

Certification Date:

7-27-18

Technician:

BS

Re-Certification Due Date:

7-27-19

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's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDHHP2-065

Certification Date:

7-12-18

Next Certification Due:

7-12-19

Probe Value:

101

Dräger, Inc.

BS

Dräger

Simulator

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, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

Other: _____

Serial Number:

DDWJSS-0364

Certification Date:

8-15-18

Technician:

BS

Re-Certification Due Date:

8-15-19

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's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDWA P2-215

Certification Date:

8-14-18

Next Certification Due:

8-14-19

Probe Value:

102

Draeger, Inc.

BS



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

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Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
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: 08/24/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1216 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 07, 2019.

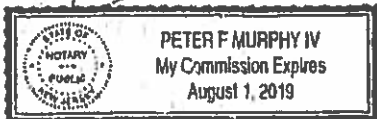
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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.

[Handwritten signature of Ali M. Alaouie]

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

Sworn to and subscribed before me this 24 day of August, 2017.

[Handwritten signature of Notary]



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State of New Jersey

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(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 08/29/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0483 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 August 10, 2019.

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.

[Handwritten signature of Ali M. Alaouie]

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

Sworn to and subscribed before me this 30th day of August, 2017.

[Handwritten signature of Mary Elizabeth McLaughlin]

MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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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: 09/07/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0963 to 0.0973 grams per 100 milliliters of solution.

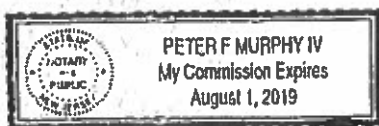
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 15, 2019.

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.

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

Sworn to and subscribed before me this 11 day of September, 2017.

Signature of Notary
Notary



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State of New Jersey

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Governor

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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: 09/12/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1937 to 0.1957 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 21, 2019.

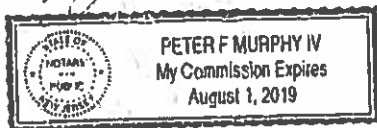
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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.

[Handwritten signature]

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

Sworn to and subscribed before me this 13 day of September, 2017.

[Handwritten signature]
Notary



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State of New Jersey

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Governor

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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: 09/21/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1220 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, 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 14, 2019.

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.

[Handwritten signature]

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

Sworn to and subscribed before me this 22nd day of September, 2017.

[Handwritten signature]

Notary Public
PETER F MURPHY IV
My Commission Expires
August 1, 2019



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DEPARTMENT OF
Law and Public Safety
 This is to certify that

ALLISON M. PAVLOSKY
NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE AS A REFRESHER COURSE PERMITANT TO CHAPTER 40 OF
 THE LAWS OF 1966 IN THE OPERATION OF THE
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 23rd DAY OF OCTOBER

TWO THOUSAND AND **FOURTEEN**

[Signature]
 SHERIFF/TROOPMASTER
 NEW JERSEY STATE POLICE

[Signature]
 ASSISTANT ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	5-13-16	BERGEN C. PA	<i>[Signature]</i>
2.	2-28-18	BCPT	<i>[Signature]</i>
3.			
4.			
5.			
6.			
7.			
8.			
9.			

DEPARTMENT OF
Traffic and Public Safety
 State to be certified that

Allison M. Pavlosky

Breath Test Coordinator/ Instructor

IS QUALIFIED AND COMING TO CONDUCT COURSE AND INSTRUCTOR TO CHAPTER 140 OF

THE LAWS OF THE STATE OF NEW YORK, ARTICLE 119, SECTION 119.1(1)(b)

AS AMENDED BY CHAPTER 11 OF THE LAWS OF 2018, SECTION 11.1(1)(b)

GIVEN UNDER MY HAND AT ALBANY, NEW YORK THIS 20th DAY OF April

TWO THOUSAND AND Eighteen

[Signature]
 CLERK
 NEW YORK STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW YORK

ORIGINAL COURSE DATES

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