

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWM-0073
Location:	BRIELLE POLICE DEPT.		
Calibration File No.:	00781	Calib. Date:	01/23/2019
Certification File No.:	00761	Cert. Date:	08/13/2018
Linearity File No.:	00762	Lin. Date:	08/13/2018
Solution File No.:	00779	Soln. Date:	01/12/2019
Sequential File No.:	00781	File Date:	01/23/2019
		Calib. No.:	00030
		Cert. No.:	00024
		Lin. No.:	00023
		Soln. No.:	00165
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXA S3-0051
Solution Control Lot:	17230	Expires:	08/07/2019
		Bottle No.:	1020

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: _____

Badge No.: 7330

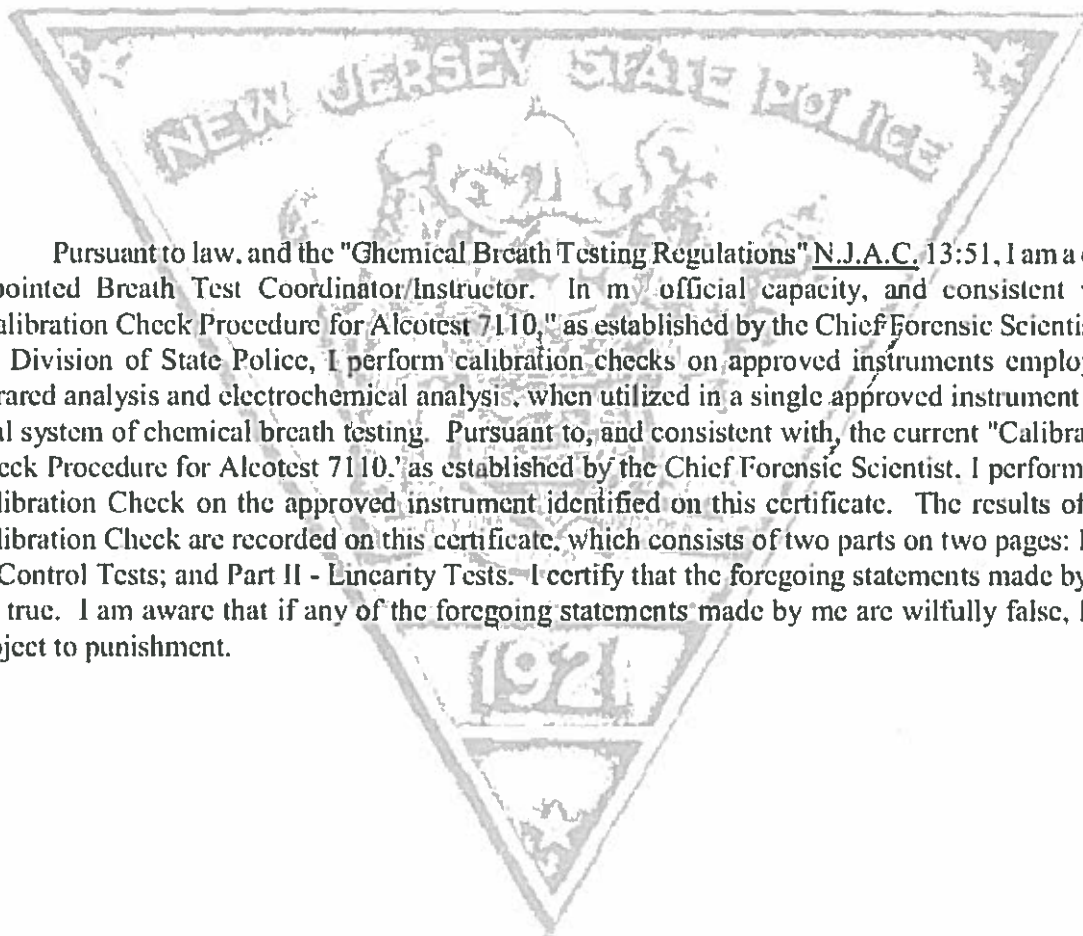
Date: 01/23/2019

*Black Key Temperature Probe Serial.....#

DDXK P2-398A

*Digital NIST Temperature Measuring System Serial.....#

170428364 A



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.:	ARWM-0073
Location:	BRIELLE POLICE DEPT.		
Calibration File No.:	00781	Calib. Date:	01/23/2019
Certification File No.:	00782	Cert. Date:	01/23/2019
Linearity File No.:	00762	Lin. Date:	08/13/2018
Solution File No.:	00779	Soln. Date:	01/12/2019
Sequential File No.:	00782	File Date:	01/23/2019
		Calib. No.:	00030
		Cert. No.:	00025
		Lin. No.:	00023
		Soln. No.:	00165
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXA S3-0051
Solution Control Lot:	17230	Expires:	08/07/2019
		Bottle No.:	1020

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:22S		
Control 1 EC	0.101%	09:23S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:24S		
Control 2 EC	0.098%	09:24S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:25S		
Control 3 EC	0.099%	09:26S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:27S		

All tests within acceptable tolerance.

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: 

Badge No.: 7330

Date: 01/23/2019

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.: ARWM-0073
Location:	BRIELLE POLICE DEPT.	
Calibration File No.:	00781	Calib. Date: 01/23/2019
Certification File No.:	00782	Calib. No.: 00030
Linearity File No.:	00783	Cert. No.: 00025
Solution File No.:	00779	Lin. Date: 01/23/2019
Sequential File No.:	00783	Lin. No.: 00024
		Soln. No.: 00165
		Soln. Date: 01/12/2019
		File Date: 01/23/2019
 Calibrating Unit:	 WET	 Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDRK S3-0012
Solution Control Lot:	17240	Expires: 08/10/2019
		Bottle No.: 1297
 Calibrating Unit:	 WET	 Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDRK S3-0015
Solution Control Lot:	17250	Expires: 08/15/2019
		Bottle No.: 0221
 Calibrating Unit:	 WET	 Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDRK S3-0025
Solution Control Lot:	17260	Expires: 08/21/2019
		Bottle No.: 1492

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:37S		
Control 1 EC	0.043%	09:37S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39S		
Control 2 EC	0.043%	09:39S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:41S		
Control 3 EC	0.084%	09:42S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:43S		
Control 4 EC	0.082%	09:44S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:44S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46S		
Control 5 EC	0.164%	09:46S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.160%	09:46S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:48S		
Control 6 EC	0.162%	09:48S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	09:48S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:50S		

All tests within acceptable tolerance.

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: _____

 7330

Badge No.: 7330

Date: 01/23/2019

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWM-0073
Location: BRIELLE POLICE DEPT.
Calibration File No.: 00781 **Calib. Date:** 01/23/2019 **Calib. No.:** 00030
Certification File No.: 00782 **Cert. Date:** 01/23/2019 **Cert. No.:** 00025
Linearity File No.: 00783 **Lin. Date:** 01/23/2019 **Lin. No.:** 00024
Solution File No.: 00784 **Soln. Date:** 01/23/2019 **Soln. No.:** 00166
Sequential File No.: 00784 **File Date:** 01/23/2019

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXA S3-0051
Control Solution %: 0.100% **Expires:** 05/10/2020
Solution Control Lot: 18150 **Bottle No.:** 0972

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:58S		
Control 1 EC	0.101%	10:58S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:59S		
Control 2 EC	0.100%	11:00S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:00S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:01S		
Control 3 EC	0.100%	11:01S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02S		

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: DDWS P2-227 A

Changed By:

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: T. Pavlosky 7330

Badge No.: 7330

Date: 01/23/2019



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	A78341		
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	5358	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= $\pm(\text{Max}-\text{Min})/2$; 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-RwA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 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's specifications.

Certification Date:

Serial Number:

8-6-18

ARWM-0073

Draeger, 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)
Dräger, Inc.

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

Serial Number:

DDRKS3-0012

Certification Date:

9-5-18

Technician:

BS

Re-Certification Due Date:

9-5-19

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:

DDRKS3-0013

Certification Date:

9-5-18

Technician:

BS

Re-Certification Due Date:

9-5-19

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. 24p 12/19/94 Notices)

Draeger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ Other: _____

Serial Number:

DDRK 53-0025

Certification Date:

9-5-18

Technician:

BS

Re-Certification Due Date:

9-5-19

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:

DDXKP2-398

Certification Date:

8-23-18

Next Certification Due:

8-23-19

Probe Value:

105

Draeger, 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:

DDXA53-0051

Certification Date:

10-18-18

Technician:

BS

Re-Certification Due Date:

10-18-19

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:

DDWJ P2-227

Certification Date:

10-17-18

Next Certification Due:

10-17-19

Probe Value:

101

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

CHRIS CHRISTIE
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: Dräger 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.

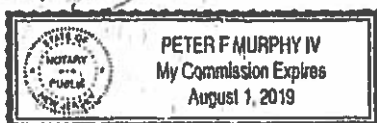
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

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

Notary



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State of New Jersey

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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.

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

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

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



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State of New Jersey

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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
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.

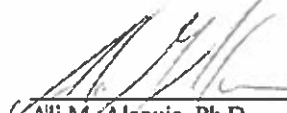
ANALYSIS DATE: 09/07/2017

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.

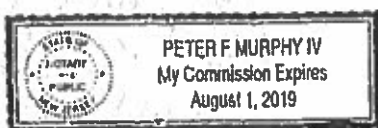
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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


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

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


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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WEST TRENTON, NJ 08628-0068
(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
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.

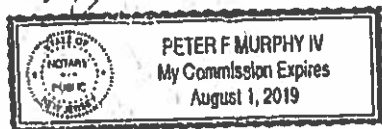
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

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

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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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

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: 05/24/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18150

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 0.1239 grams per 100 milliliters of solution.

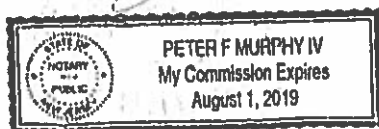
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is May 10, 2020.

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 29th day of May, 2018.

Notary



"An Internationally Accredited Agency"

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Printed on Recycled Paper and Recyclable



DEPARTMENT OF
Traffic and Public Safety
 It is to be certified that

ALLISON M. PAVLOSKY
 NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSROOM AND RANGE TRAINING PURSUANT TO CHAPTER 142 OF
 THE LAWS OF 1996 ON THE OPERATION OF THE ALGOTEST 7110 MKIII-C
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF OCTOBER

TWO THOUSAND AND FOURTEEN

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ASSISTANT ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

DEPARTMENT OF
Train and Public Safety
 Title is to certify that

Allison M. Pavlosky

Breath Test Coordinator/ Instructor

IS QUALIFIED AND COMETING TO CERTIFY CHEMICAL ANALYSIS INSTRUMENT TO CENTER 1407

THE LINES OF THIS BY THE OVERSIGHT OF THE Alcohol 7110 MKTIL-C

A MEMBER TO RECORDING SUPERVISOR

GIVEN UNDER MY HAND AT THE NEW JERSEY TWO 20th DAY OF April

TWO THOUSAND AND Eighteen

[Signature]
 COLONEL
 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. 2525 (Rev. 8/1/10)