

Alcotest 7110 Calibration Record

Equipment

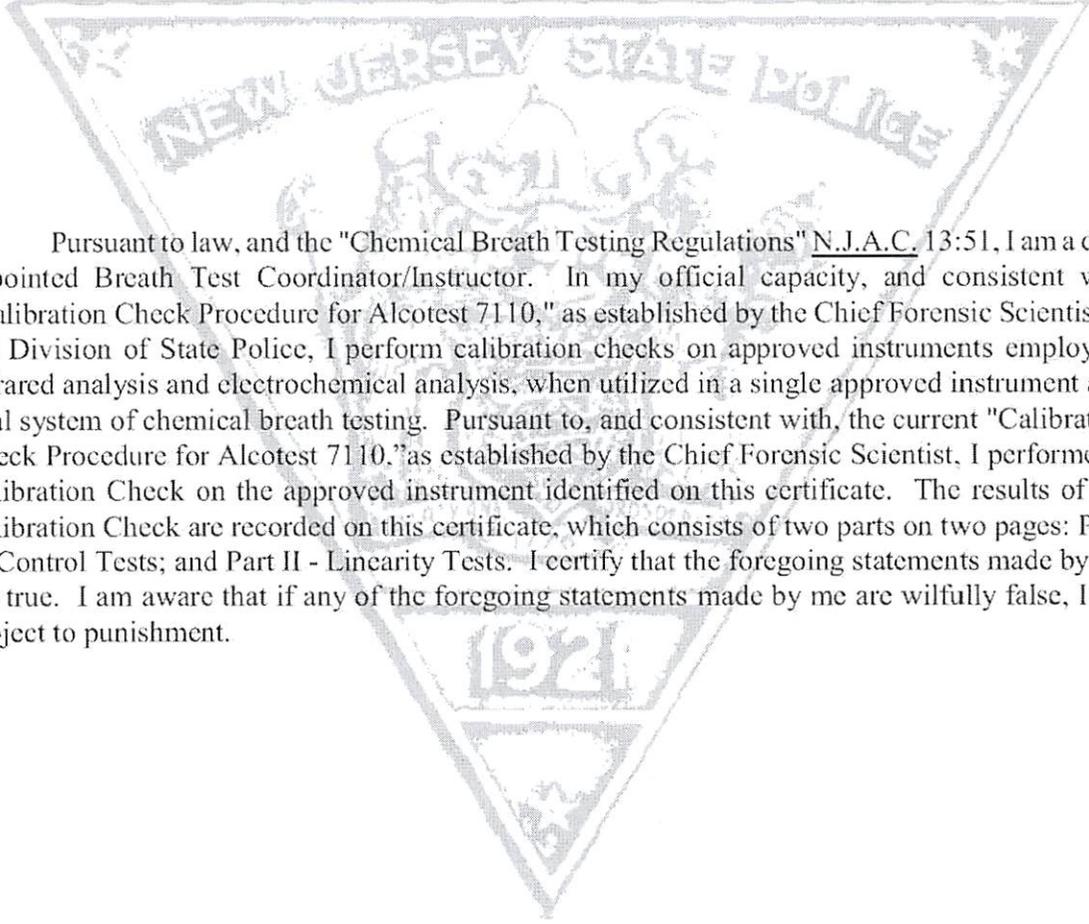
Alcotest 7110 MKIII-C	Serial No.:	ARTL-0014
Location: SOUTH BRUNSWICK POLICE		
Calibration File No.: 00537	Calib. Date: 09/05/2018	Calib. No.: 00039
Certification File No.: 00525	Cert. Date: 03/27/2018	Cert. No.: 00029
Linearity File No.: 00526	Lin. Date: 03/27/2018	Lin. No.: 00029
Solution File No.: 00534	Soln. Date: 08/24/2018	Soln. No.: 00208
Sequential File No.: 00537	File Date: 09/05/2018	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDUH S3-0080
Control Solution %: 0.100%		Expires: 08/07/2019
Solution Control Lot: 17230		Bottle No.: 1258

Coordinator

Last Name: PAVLOSKY	First Name: ALLISON	MI: M.
Signature: <u></u>	Badge No.: 7330	Date: 09/05/2018

*Black Key Temperature Probe Serial.....# DDH P2-065A

*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.: ARTL-0014
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00537 Calib. Date: 09/05/2018 Calib. No.: 00039
Certification File No.: 00538 Cert. Date: 09/05/2018 Cert. No.: 00030
Linearity File No.: 00526 Lin. Date: 03/27/2018 Lin. No.: 00029
Solution File No.: 00534 Soln. Date: 08/24/2018 Soln. No.: 00208
Sequential File No.: 00538 File Date: 09/05/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUH S3-0080
Control Solution %: 0.100% Expires: 08/07/2019
Solution Control Lot: 17230 Bottle No.: 1258

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:31D		
Control 1 EC	0.100%	11:31D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:32D		
Control 2 EC	0.099%	11:32D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:33D		
Control 3 EC	0.100%	11:34D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	11:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:34D		

All tests within acceptable tolerance.

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Badge No.: 7330

Date: 09/05/2018

Signature: 

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.: ARTL-0014
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00537 Calib. Date: 09/05/2018 Calib. No.: 00039
Certification File No.: 00538 Cert. Date: 09/05/2018 Cert. No.: 00030
Linearity File No.: 00539 Lin. Date: 09/05/2018 Lin. No.: 00030
Solution File No.: 00534 Soln. Date: 08/24/2018 Soln. No.: 00208
Sequential File No.: 00539 File Date: 09/05/2018

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.: 1488

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.: 0568

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.: 1294

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:42D		
Control 1 EC	0.041%	11:43D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	11:43D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:44D		
Control 2 EC	0.040%	11:45D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	11:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:46D		
Control 3 EC	0.081%	11:47D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	11:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:48D		
Control 4 EC	0.080%	11:49D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	11:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:50D		
Control 5 EC	0.162%	11:51D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.162%	11:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:52D		
Control 6 EC	0.160%	11:53D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	11:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:54D		

All tests within acceptable tolerance.

Coordinator

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature: _____



Badge No.: 7330

Date: 09/05/2018

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTL-0014
Location:	SOUTH BRUNSWICK POLICE	
Calibration File No.:	00537	Calib. Date: 09/05/2018
Certification File No.:	00538	Calib. No.: 00039
Linearity File No.:	00539	Cert. Date: 09/05/2018
Solution File No.:	00540	Cert. No.: 00030
Sequential File No.:	00540	Lin. Date: 09/05/2018
		Lin. No.: 00030
		Soln. Date: 09/05/2018
		Soln. No.: 00209
		File Date: 09/05/2018
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUH S3-0080
Solution Control Lot:	18150	Expires: 05/10/2020
		Bottle No.: 1232

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:58D		
Control 1 EC	0.101%	12:59D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:59D		
Control 2 EC	0.100%	13:00D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01D		
Control 3 EC	0.101%	13:01D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	13:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:02D		

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: DDEE P2-022A

Changed By:

Last Name: PAVLOSKY

First Name: ALLISON

MI: M.

Signature:  7330

Badge No.: 7330

Date: 09/05/2018

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 48254, 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:

4-6-15

SERIAL NUMBER:

ARTZ-0014

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 Judica
Aaron Judica, 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)
Draeger, 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:

DDHH P2-065

Certification Date:

7-12-18

Next Certification Due:

7-12-19

Probe Value:

101

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:

DDUHS3-10080

Certification Date:

6-29-18

Technician:

BS

Re-Certification Due Date:

6-29-19

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:

DDEEP2-022

Certification Date:

6-29-18

Next Certification Due:

6-29-19

Probe Value:

104

Draeger, Inc.

BS



State of New Jersey

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(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.

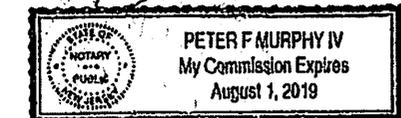
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

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

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

[Signature]
Notary

PETER F. MURPHY IV
My Commission Expires
August 1, 2019



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State of New Jersey

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Governor

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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.

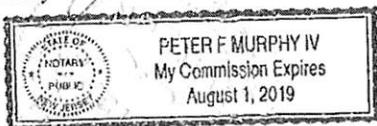
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

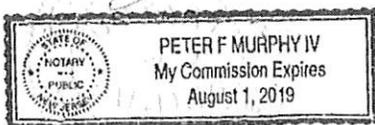
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

[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 29th day of May, 2018.

Notary



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



DEPARTMENT OF
Law and Public Safety
 This is to certify that

ALLISON M. PAWLOSKY
 NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN STATE AND CITIES PURSUANT TO CHAPTER 146 OF
 THE LAWS OF 1966 IN 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	BERGEN C. PA	<i>[Signature]</i>
2. 2-28-18	BLPT	<i>[Signature]</i>
3.		
4.		
5.		
6.		
7.		
8.		
9.		

DEPARTMENT OF
Public and Public Safety
 State is to certify that

Allison M. Pavlosky

Breath Test Coordinator/ Instructor

is qualified and competent to conduct and instruct students to certification of

THE LARS OF THE QUALITY OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT THE CITY OF NEW BRUNSWICK THIS 28th DAY OF April

YEO PROCEEDED AND Righten

[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. 2809 (Rev. 01/75)