

# Alcotest 7110 Calibration Record

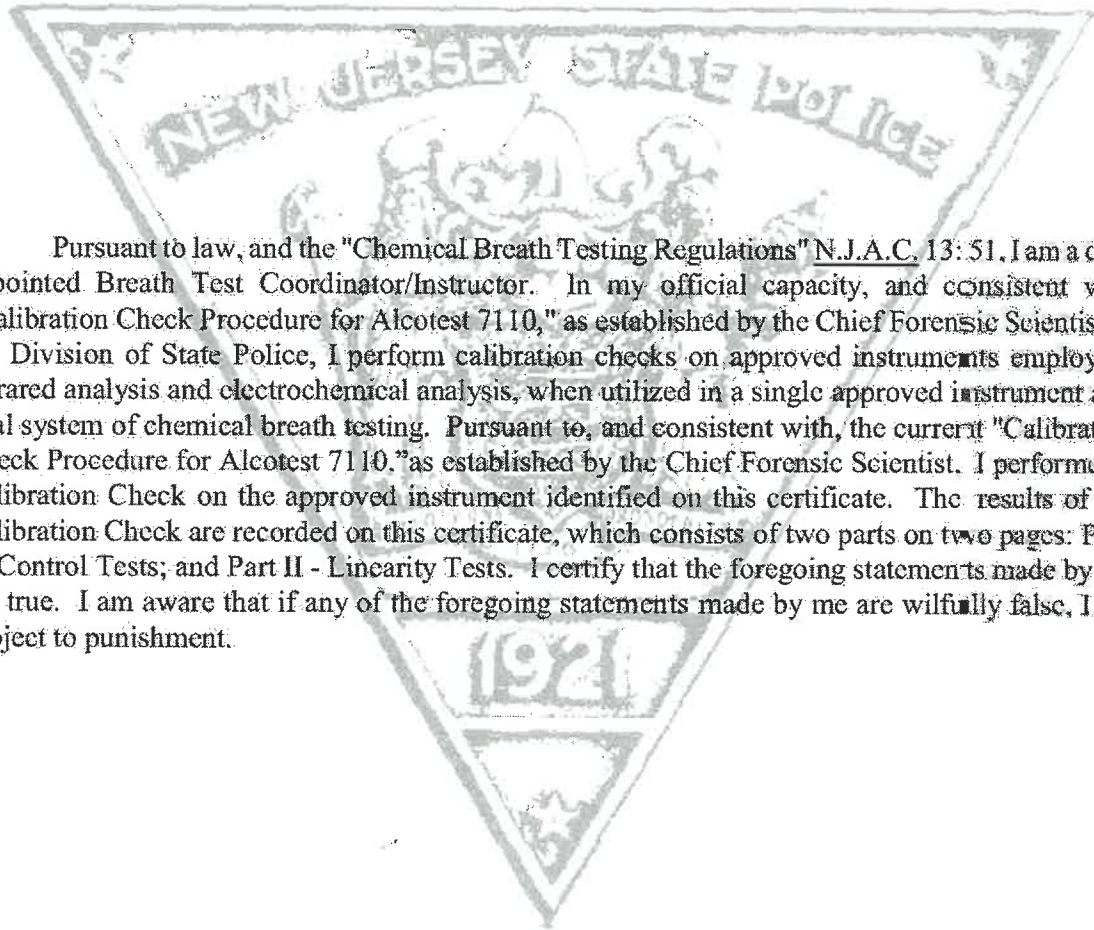
## Equipment

Alcotest 7110 MKIII-C	Serial No.: ARTL-0005	
Location: PLAINSBORO TOWNSHIP PD		
Calibration File No.: 02003	Calib. Date: 12/26/2018	Calib. No.: 00039
Certification File No.: 01973	Cert. Date: 07/02/2018	Cert. No.: 00030
Linearity File No.: 01974	Lin. Date: 07/02/2018	Lin. No.: 00030
Solution File No.: 01998	Soln. Date: 11/30/2018	Soln. No.: 00258
Sequential File No.: 02003	File Date: 12/26/2018	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDUF S3-0064
Control Solution %: 0.100%		Expires: 08/07/2019
Solution Control Lot: 17230		Bottle No.: 0274

## Coordinator

Last Name: MIMIKOS First Name: NICHOLAS MI: E.  
Signature: TPR. [Signature] #7413 Badge No.: 7413  
Date: 12/26/2018

\*Black Key Temperature Probe Serial.....# DDEE P2-099 A  
\*Digital NIST Temperature Measuring System Serial.....# 170428357 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  
Location: PLAINSBORO TOWNSHIP PD  
Serial No.: ARTL-0005  
Calibration File No.: 02003 Calib. Date: 12/26/2018 Calib. No.: 00039  
Certification File No.: 02004 Cert. Date: 12/26/2018 Cert. No.: 00031  
Linearity File No.: 01974 Lin. Date: 07/02/2018 Lin. No.: 00030  
Solution File No.: 01998 Soln. Date: 11/30/2018 Soln. No.: 00258  
Sequential File No.: 02004 File Date: 12/26/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0064  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 0274

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:53S		
Control 1 EC	0.100%	08:54S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:54S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:54S		
Control 2 EC	0.099%	08:55S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:55S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56S		
Control 3 EC	0.098%	08:56S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:56S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:57S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR. N. A. #7413

Badge No.: 7413

Date: 12/26/2018

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.: ARTL-0005
Location: PLAINSBORO TOWNSHIP PD		
Calibration File No.: 02003	Calib. Date: 12/26/2018	Calib. No.: 00039
Certification File No.: 02004	Cert. Date: 12/26/2018	Cert. No.: 00031
Linearity File No.: 02005	Lin. Date: 12/26/2018	Lin. No.: 00031
Solution File No.: 01998	Soln. Date: 11/30/2018	Soln. No.: 00258
Sequential File No.: 02005	File Date: 12/26/2018	

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDRK S3-0021
Control Solution %: 0.040%		Expires: 08/10/2019
Solution Control Lot: 17240		Bottle No.: 0429

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDRK S3-0022
Control Solution %: 0.080%		Expires: 08/15/2019
Solution Control Lot: 17250		Bottle No.: 1195

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDSC S3-0013
Control Solution %: 0.160%		Expires: 08/21/2019
Solution Control Lot: 17260		Bottle No.: 0555

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:21S		
Control 1 EC	0.042%	09:21S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:23S		
Control 2 EC	0.042%	09:23S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:23S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:25S		
Control 3 EC	0.082%	09:26S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:27S		
Control 4 EC	0.081%	09:28S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:28S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:29S		
Control 5 EC	0.161%	09:30S	33.8°C	*** TEST PASSED ***
Control 5 IR	0.158%	09:30S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:31S		
Control 6 EC	0.160%	09:32S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:32S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR. N. A. #7413

Badge No.: 7413

Date: 12/26/2018

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTL-0005  
Location: PLAINSBORO TOWNSHIP PD  
Calibration File No.: 02003 Calib. Date: 12/26/2018 Calib. No.: 00039  
Certification File No.: 02004 Cert. Date: 12/26/2018 Cert. No.: 00031  
Linearity File No.: 02005 Lin. Date: 12/26/2018 Lin. No.: 00031  
Solution File No.: 02006 Soln. Date: 12/26/2018 Soln. No.: 00259  
Sequential File No.: 02006 File Date: 12/26/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0064  
Control Solution %: 0.100% Expires: 03/13/2020  
Solution Control Lot: 18090 Bottle No.: 1004

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:41S		
Control 1 EC	0.101%	10:42S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:42S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:42S		
Control 2 EC	0.100%	10:43S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:43S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:44S		
Control 3 EC	0.100%	10:44S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:44S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:45S		

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: DDSF P2-0396 A

### Changed By:

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR. N. A. #7413

Badge No.: 7413

Date: 12/26/2018



# 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:

6-14-18

ARTL-0005

Draeger, Inc. 35



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-8609157

**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: 170428357      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	0.000	Y	-0.048	0.052	0.010	>4:1
°C		N.A.		25.003	25.002	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	100.000	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:

DDRK 53-0021

Certification Date:

8-23-18

Technician:

BS

Re-Certification Due Date:

8-23-19

**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:

DDRK 53-0022

Certification Date:

8-23-18

Technician:

BS

Re-Certification Due Date:

8-23-19

# 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:

DDSC 53-0013

Certification Date:

8-23-18

Technician:

BS

Re-Certification Due Date:

8-23-19

# 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:

DDEEP2-099

Certification Date:

8-23-18

Next Certification Due:

8-23-19

Probe Value:

103

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:

DDUFS3-0064

Certification Date:

10-10-18

Technician:

BS

Re-Certification Due Date:

10-10-19

# Dräger

## Alcotest 7110 Temperature Probe

### CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:

DDSE P2-0396

Certification Date:

10-11-18

Next Certification Due:

10-11-19

Probe Value:

103

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:** 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.

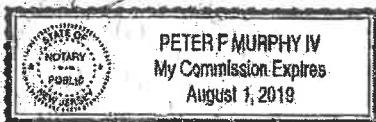
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

  
Ali M. Alaouie, 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

CHRIS CHRISTIE  
Governor

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DIVISION OF STATE POLICE  
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CHRISTOPHER S. PORRINO  
Attorney General

KIM GUADAGNO  
Lt. Governor

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

Sworn to and subscribed before me this 30<sup>th</sup> 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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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.

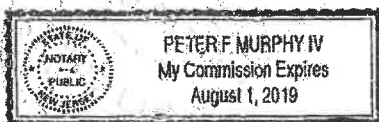
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

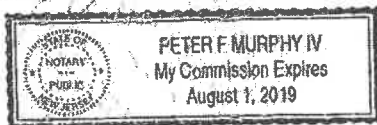
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration 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. Ataouie, 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  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

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:** 04/04/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 to 0.1228 grams per 100 milliliters of solution.

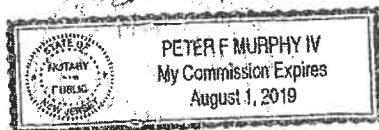
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Sworn to and subscribed before me this 5<sup>th</sup> day of April, 2018.

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**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.

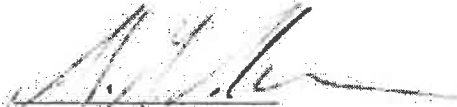
**ANALYSIS DATE:** 02/14/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18058

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1229 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 January 31, 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. Alaouie, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15<sup>th</sup> day of February, 2018.

Ali M. Alaouie  
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

**NICHOLAS E. MIMIKOS**  
**NEW JERSEY STATE POLICE**

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN THE STATE OF NEW JERSEY PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1986 IN THE OPERATION OF THE  
A MEANS TO IMPROVE EDUCATION  
ALCOTEST 7110 MKIII-C  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, 13th DAY OF OCTOBER

TWO THOUSAND AND FOURTEEN

*[Signature]*  
Sergeant  
NEW JERSEY STATE POLICE

*[Signature]*  
Sergeant  
NEW JERSEY STATE POLICE

**ORIGINAL COURSE DATES**

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6-3-16	BERGEN C. P. A.	<i>[Signature]</i>
2. 1-19-18	BERGEN C. P. A.	<i>[Signature]</i>
3.		
4.		
5.		
6.		
7.		
8.		
9.		
S.P. 203B (Rev. 08/13)		

DEPARTMENT OF  
*Law and Public Safety*  
 This is to certify that  
**Nicholas E. Mimikos**

**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT MEDICAL BREATH ANALYSES PURSUANT TO CHAPTER 141 OF

THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

TWO THOUSAND AND Eighteen

  
 COLONEL  
 NEW JERSEY STATE POLICE

  
 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. 293B (Rev. 01/18)