

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C	Serial No.:	ARTL-0014
Location: SOUTH BRUNSWICK POLICE		
Calibration File No.: 00596	Calib. Date: 12/31/2020	Calib. No.: 00044
Certification File No.: 00585	Cert. Date: 07/14/2020	Cert. No.: 00034
Linearity File No.: 00586	Lin. Date: 07/14/2020	Lin. No.: 00034
Solution File No.: 00595	Soln. Date: 12/18/2020	Soln. No.: 00246
Sequential File No.: 00596	File Date: 12/31/2020	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDUH S3-0079
Control Solution %: 0.100%		Expires: 10/14/2021
Solution Control Lot: 19270		Bottle No.: 0576

## Coordinator

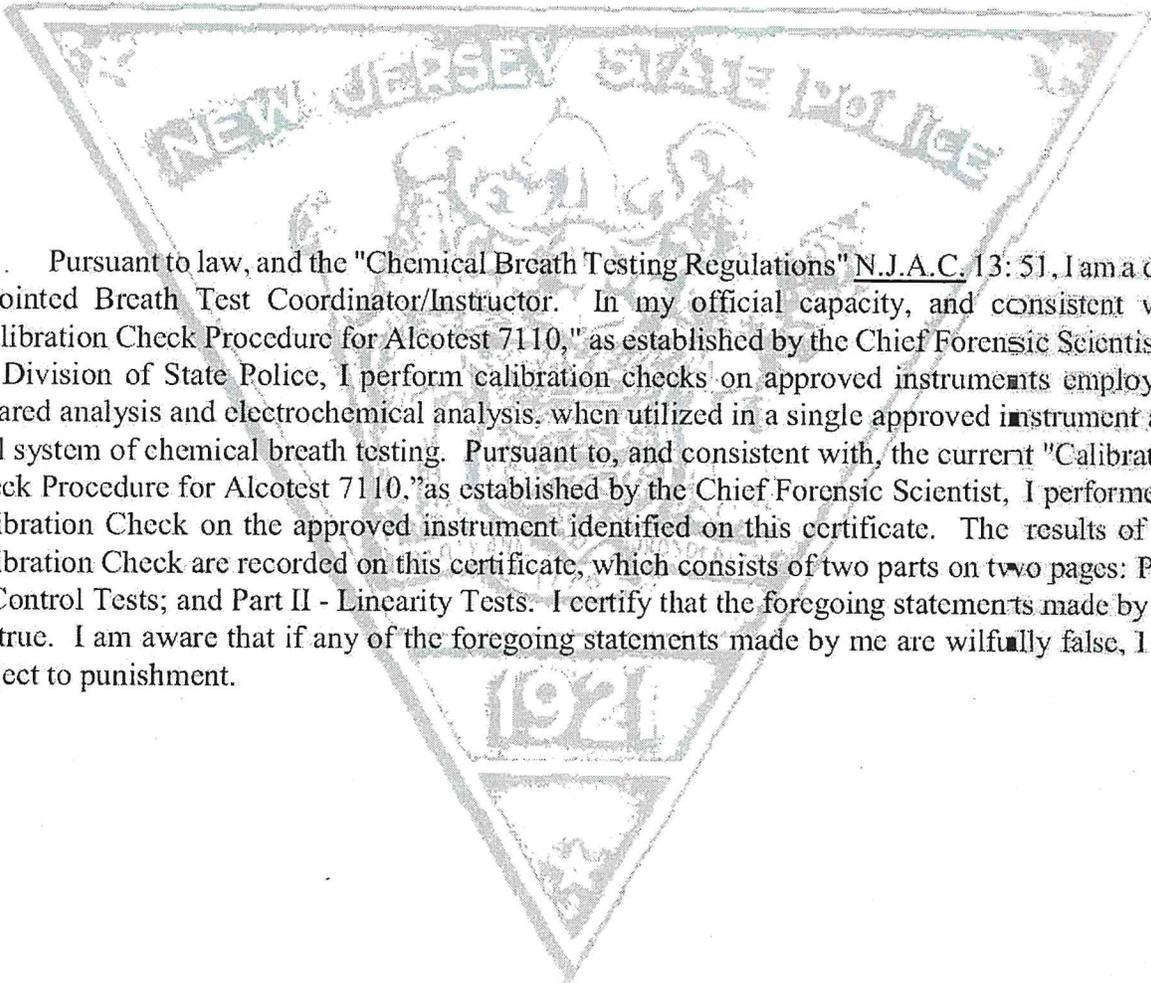
Last Name: MIMIKOS First Name: NICHOLAS MI: E.  
Signature: TPR II. N.A. #7413 Badge No.: 7413  
Date: 12/31/2020

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

DDEE P2-099 (NM)

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

191957489 (NM)



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.: 00596 Calib. Date: 12/31/2020 Calib. No.: 00044  
Certification File No.: 00597 Cert. Date: 12/31/2020 Cert. No.: 00035  
Linearity File No.: 00586 Lin. Date: 07/14/2020 Lin. No.: 00034  
Solution File No.: 00595 Soln. Date: 12/18/2020 Soln. No.: 00246  
Sequential File No.: 00597 File Date: 12/31/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUH S3-0079  
Control Solution %: 0.100% Expires: 10/14/2021  
Solution Control Lot: 19270 Bottle No.: 0576

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:22S		
Control 1 EC	0.101%	08:22S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:24S		
Control 2 EC	0.097%	08:24S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:25S		
Control 3 EC	0.096%	08:26S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:27S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS First Name: NICHOLAS MI: E.  
Signature: TPR II N. A. # 7413 Badge No.: 7413  
Date: 12/31/2020

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.: 00596 Calib. Date: 12/31/2020 Calib. No.: 00044  
Certification File No.: 00597 Cert. Date: 12/31/2020 Cert. No.: 00035  
Linearity File No.: 00598 Lin. Date: 12/31/2020 Lin. No.: 00035  
Solution File No.: 00595 Soln. Date: 12/18/2020 Soln. No.: 00246  
Sequential File No.: 00598 File Date: 12/31/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0008  
Control Solution %: 0.040% Expires: 11/04/2021  
Solution Control Lot: 19310 Bottle No.: 1069

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0193  
Control Solution %: 0.080% Expires: 11/11/2021  
Solution Control Lot: 19320 Bottle No.: 1106

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0013  
Control Solution %: 0.160% Expires: 12/02/2021  
Solution Control Lot: 19360 Bottle No.: 0539

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:37S		
Control 1 EC	0.044%	08:37S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	08:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:39S		
Control 2 EC	0.040%	08:40S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.037%	08:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:42S		
Control 3 EC	0.081%	08:42S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	08:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:44S		
Control 4 EC	0.081%	08:45S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	08:45S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:47S		
Control 5 EC	0.000%	08:47S	34.0°C	CONTROL TEST FAILED
Control 5 IR	0.159%	08:47S	34.0°C	CONTROL TEST FAILED
Ambient Air Blank	0.000%	08:48S		
Control 6 EC	0.126%	08:49S	34.0°C	CONTROL TEST FAILED
Control 6 IR	0.159%	08:49S	34.0°C	CONTROL TEST FAILED
Ambient Air Blank	0.000%	08:51S		

Test results are not within acceptable range.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: \_\_\_\_\_

*TPR II. N. 7413*

Badge No.: 7413

Date: 12/31/2020

## Alcotest 7110 MKIII-C Calibration NIST-Traceable Digital Thermometer Readings

**Coordinator:**

TPR II. Nicholas E. Mimikos  
Name

7413  
Badge No.

**Location:**

South Brunswick Police  
Agency

ARTL-0014  
Alcotest Serial No.

**Equipment:**

191957489  
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDRF S3-0008	07:125	08:145	34.0°C
0.08%	DDXD S3-0193	07:125	08:155	33.9°C
0.10%	DDUH S3-0079	07:125	08:165	34.0°C
0.16%	DDSC S3-0013	07:125	08:175	34.0°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius  $\pm$  0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

TPR II. AA #7413  
Coordinator's Signature

12/31/2020  
Date

**Dräger**

**Alcotest® 7110 MKII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for alcohol breath testing devices. The Alcotest MKII-C is compliant as a "mobile" and "portable" EBT with 49 FR 42254, 49 FR 42264 and 49 FR 42265. This manufacturer recommends accuracy verification of the instrument with 12 points of the calibration data below, or accurate, according to your State Specifications.

Certification Date:

4/6/15

SERIAL NUMBER:

BBTL-0014

Dräger Safety Diagnostics, Inc.

BC



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



Cert. No.: 4000-10176214

## 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: 191957489

Manufacturer: Control Company

### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

### Certificate Information:

Technician: 104

Procedure: CAL-06

Cal Date: 13 Feb 2019

Cal Due Date: 13 Feb 2021

Test Conditions: 37.61%RH 23.29°C 1026mBar

### Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.002	99.998	Y	99.952	100.052	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

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;

Nicol Rodriguez, Quality Manager

Aaron Juddice, 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 Thermometer 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 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10176214

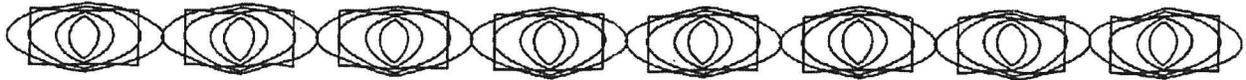
**Traceable® Certificate of Calibration for Digital Thermometer**

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CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2006-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
- X-Cal 2000 (Alcosim)
- Other: \_\_\_\_\_

Serial Number:

DDRFS3-0008

Certification Date:

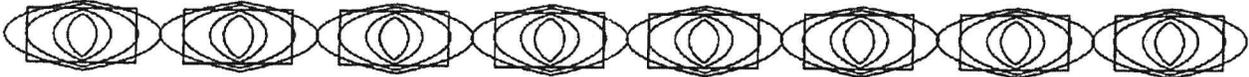
10/13/2020

Technician:

GR WMB

Re-Certification Due Date:

10/13/2021



# 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
- X-Cal 2000 (Alcosim)
- Other: \_\_\_\_\_

Serial Number:

DDXDS3-0193

Certification Date:

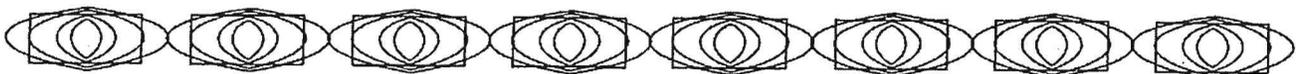
6.2.20

Technician:

M.M.B.

Re-Certification Due Date:

6.2.21



# 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

X-Cal 2000 (Alcosim)

Other: \_\_\_\_\_

Serial Number:

DDSCS3 - 0013

Certification Date:

Technician:

Re-Certification Due Date:

6.2.20

AM / M.B.

6.2.21

# 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:

Certification Date:

Next Certification Due:

DDEEP2-099

6.3.20

6.3.21

Probe Value:

105

Dräger, Inc.

MB



# 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** **0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

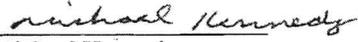
**ANALYSIS DATE:** 10/21/2019

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 19270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1232 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 October 14, 2021.

As Assistant Chief Forensic 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.

  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of October, 2019.

Notary

**KAREN E. STAHL**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission # 50110522  
My Commission Expires 8/13/2024



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Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 11/14/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19310

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0485 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 November 04, 2021.

As Assistant Chief Forensic 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.

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15 day of November, 2019.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 11/20/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0971 to 0.0985 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 November 11, 2021.

As Assistant Chief Forensic 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of November, 2019.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110622
My Commission Expires 8/13/2024



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State of New Jersey

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GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 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, Inc.

ANALYSIS DATE: 12/11/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1956 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 December 02, 2021.

As Assistant Chief Forensic 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18 day of December, 2019.
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 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, Inc.

ANALYSIS DATE: 03/03/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1218 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 February 19, 2022.

As Assistant Chief Forensic 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.

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 3 day of March, 2020.
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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DEPARTMENT OF  
*Data and Public Safety*  
 This is to certify that

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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF

THE LAWS OF 1964 IN THE OPERATION OF THE **ALCOTEST 7110 MKIII-C**

A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THE 23rd DAY OF OCTOBER

THREE THOUSAND AND **FOURTEEN**

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ACTING ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6-3-16	PERLEN Co PA	<i>[Signature]</i>
2. 1-19-18	PERLEN Co PA	<i>[Signature]</i>
3. 2-20-20	PERLEN Co PA	<i>[Signature]</i>
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 08/13)

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

**Breath Test Coordinator/Instructor**

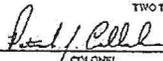
IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1946 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.	_____	_____	_____