

# Alcotest 7110 Calibration Record

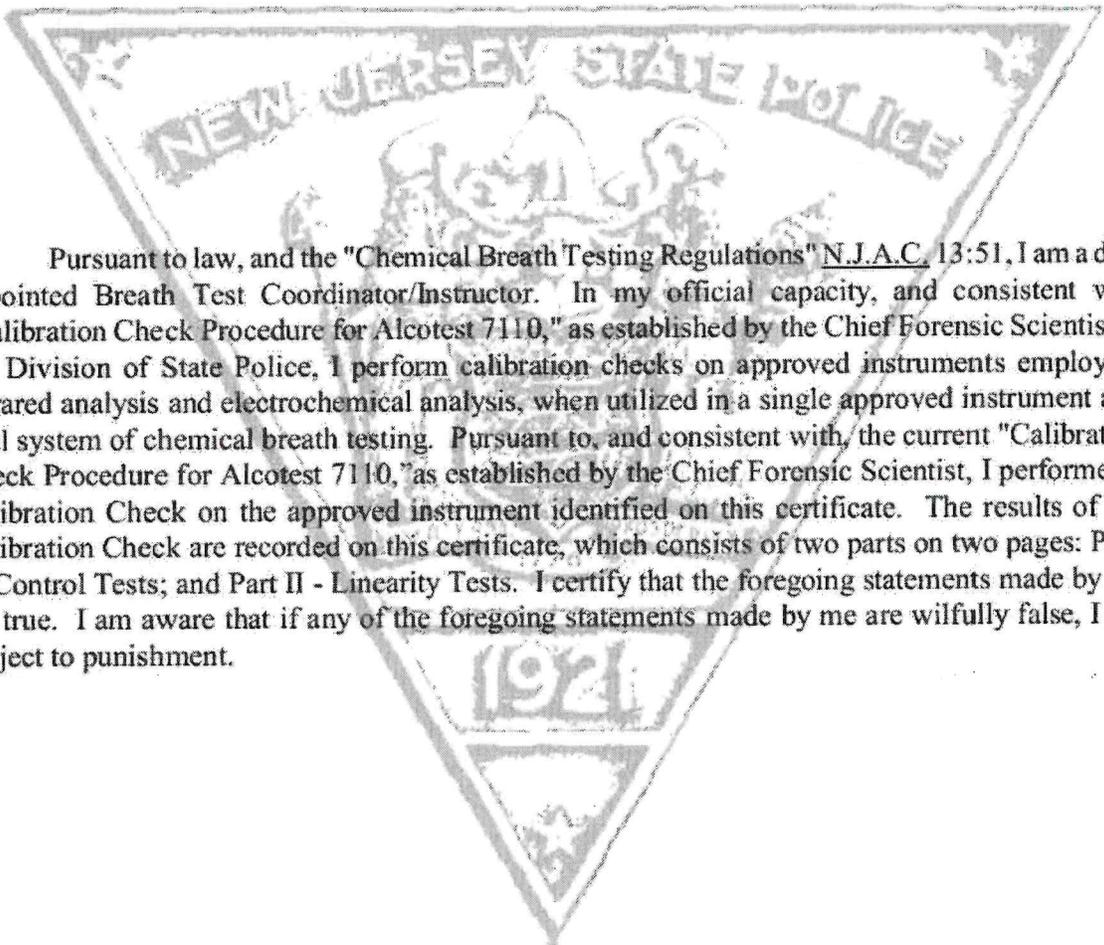
## Equipment

Alcotest 7110 MKIII-C	Serial No.:	ARXA-0031
Location: PASSAIC CITY POLICE		
Calibration File No.: 02555	Calib. Date: 09/26/2024	Calib. No.: 00048
Certification File No.: 02502	Cert. Date: 05/09/2024	Cert. No.: 00036
Linearity File No.: 02503	Lin. Date: 05/09/2024	Lin. No.: 00036
Solution File No.: 02549	Soln. Date: 09/16/2024	Soln. No.: 00437
Sequential File No.: 02555	File Date: 09/26/2024	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXB S3-0110
Control Solution %: 0.100%		Expires: 06/26/2025
Solution Control Lot: 23230		Bottle No.: 1476

## Coordinator

Last Name: BENAVIDEZ First Name: RUBEN MI: J.  
Signature: *[Handwritten Signature]* #7364 Badge No.: 7364  
Date: 09/26/2024

\*Black Key Temperature Probe Serial.....# DDLH P1-0075 (RB)  
\*Digital NIST Temperature Measuring System Serial.....# 230 208 347 (RB)



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.: ARXA-0031  
Location: PASSAIC CITY POLICE  
Calibration File No.: 02555 Calib. Date: 09/26/2024 Calib. No.: 00048  
Certification File No.: 02556 Cert. Date: 09/26/2024 Cert. No.: 00037  
Linearity File No.: 02503 Lin. Date: 05/09/2024 Lin. No.: 00036  
Solution File No.: 02549 Soln. Date: 09/16/2024 Soln. No.: 00437  
Sequential File No.: 02556 File Date: 09/26/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-0110  
Control Solution %: 0.100% Expires: 06/26/2025  
Solution Control Lot: 23230 Bottle No.: 1476

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	07:24D		
Control 1 EC	0.099%	07:25D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	07:25D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:25D		
Control 2 EC	0.098%	07:26D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	07:26D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:27D		
Control 3 EC	0.098%	07:27D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	07:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:28D		

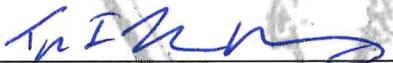
All tests within acceptable tolerance.

### Coordinator

Last Name: BENAVIDEZ

First Name: RUBEN

MI: J.

Signature: 

#7364

Badge No.: 7364

Date: 09/26/2024

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.: ARXA-0031  
Location: PASSAIC CITY POLICE  
Calibration File No.: 02555 Calib. Date: 09/26/2024 Calib. No.: 00048  
Certification File No.: 02556 Cert. Date: 09/26/2024 Cert. No.: 00037  
Linearity File No.: 02557 Lin. Date: 09/26/2024 Lin. No.: 00037  
Solution File No.: 02549 Soln. Date: 09/16/2024 Soln. No.: 00437  
Sequential File No.: 02557 File Date: 09/26/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0005  
Control Solution %: 0.040% Expires: 06/12/2025  
Solution Control Lot: 23210 Bottle No.: 0929

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0022  
Control Solution %: 0.080% Expires: 08/03/2025  
Solution Control Lot: 23290 Bottle No.: 0724

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0016  
Control Solution %: 0.160% Expires: 07/05/2025  
Solution Control Lot: 23250 Bottle No.: 0433

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:41D		
Control 1 EC	0.041%	07:41D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	07:41D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:43D		
Control 2 EC	0.039%	07:43D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	07:43D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:45D		
Control 3 EC	0.080%	07:46D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	07:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:47D		
Control 4 EC	0.079%	07:48D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	07:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:49D		
Control 5 EC	0.157%	07:50D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	07:50D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:51D		
Control 6 EC	0.154%	07:52D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	07:52D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:54D		

All tests within acceptable tolerance.

### Coordinator

Last Name: BENAVIDEZ

First Name: RUBEN

MI: J.

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

 #7364

Badge No.: 7364

Date: 09/26/2024



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

**Coordinator:**

Tpr. I Ruben J. Benavidez  
Name

7364  
Badge No.

**Location:**

Passaic City Police  
Agency

ARXA-0031  
Alcotest Serial No.

**Equipment:**

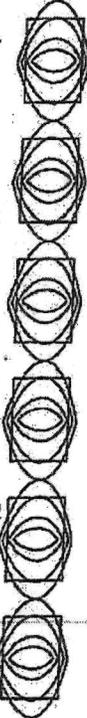
230 208347  
Digital NIST Temperature Measuring System Serial No.

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%	DDSC S3-0005	06:07 D	07:08 D	33.9 °C
0.08%	DDRK S3-0022	06:07 D	07:09 D	33.9 °C
0.10%	DDXB S3-0110	06:07 D	07:10 D	34.0 °C
0.16%	DDRK S3-0016	06:07 D	07:11 D	33.9 °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. I Ruben J. Benavidez #7364  
Coordinator's Signature

9/26/2024  
Date

# 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:

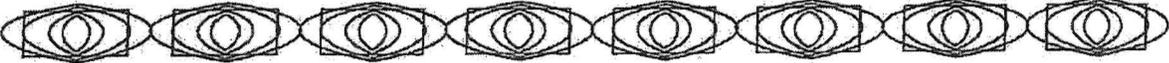
11/16/2023

ARXA-0031

Draeger, Inc. \_\_\_\_\_

CR

MB





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



Cert. No.: 4000-14045031

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: 230208347

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
PRT Temperature Probe	02022	13 Dec 2023	4500022592
Temperature Probe	5357	01 Jul 2023	4500015492
Thermistor Module	B5C344	20 Jun 2023	1000481112
Temperature Calibration Bath	B93537		
Thermistor Module	B96381	23 Aug 2023	1000483176
Temperature Probe	5392	06 Sep 2023	4500018330
Temperature Probe	5398	06 Sep 2023	4500018329
Digital Thermometer	B96088	10 Mar 2024	1000489962

Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 27 Mar 2023

Cal Due Date: 27 Mar 2025

Test Conditions: 57.99%RH 23.66°C 1013mBar

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	0.002	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.002	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		49.999	50.002	Y	49.949	50.049	0.0087	>4:1
°C	N.A.	N.A.		99.998	99.999	Y	99.948	100.048	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*

Nicol Rodriguez, Quality Manager

*Jenny Ren*

Jenny Ren, Technical Manager

Note :

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.

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-14045031

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

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**Recalibration:**

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

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Issue Date : 27 Mar 2023

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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.traceable.com

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-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)  
Draeger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other: \_\_\_\_\_

Serial Number:

DDSCS3 -0005

Certification Date:

11-13-23

Technician:

DH / CR

Re-Certification Due Date:

11-13-24

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

Serial Number:

DDRKS3-0022

Certification Date:

12-27-23

Technician:

DH / CR

Re-Certification Due Date:

12-27-24

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

Serial Number:

DDRK53-0016

Certification Date:

12-5-23

Technician:

DH / CR

Re-Certification Due Date:

12-5-24

**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:

DDLHP1-0075

Certification Date:

12-5-23

Next Certification Due:

12-5-24

Probe Value:

104

Draeger, Inc.

DH / CR

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

Serial Number:

DDXB 53-0110

Certification Date:

5-30-24

Technician:

DH / R

Re-Certification Due Date:

5-30-25

**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:

DDWJP2-279

Certification Date:

5-30-24

Next Certification Due:

5-30-25

Probe Value:

103

Draeger, Inc.

DH / R



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

TAHESHA L. WAY
Lt. Governor

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 05/23/2024

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 24180

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 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 May 14, 2026.

As OFS Director 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.

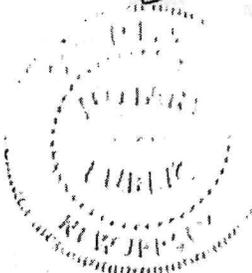
Michael Kennedy
Michael Kennedy
Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 10 day of June, 2024.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 6/13/2024

Notary Public Seal and Commission Information



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SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 08/10/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23210

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0490 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 June 12, 2025.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 14 day of August, 2023.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110622
My Commission Expires 8/13/2024



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State of New Jersey

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Attorney General

TAHESHA L. WAY
Lt. Governor

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 09/14/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0958 to 0.0971 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 03, 2025.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of September, 2023.

[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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State of New Jersey

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Lt. Governor

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 09/14/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1923 to 0.1953 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 July 05, 2025.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of September, 2023.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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PHILIP D. MURPHY
Governor

TAHESHA L. WAY
Lt. Governor

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 09/12/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 to 0.1220 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 26, 2025.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15 day of September, 2023.

[Signature]
Notary

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



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DEPARTMENT OF  
**Traffic and Public Safety**  
Which is to certify that

**Ruben J. Benavidez**  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF NEW JERSEY OPERATING UNDER THE AMENDMENT TO DEVELOPMENTAL DISCAPACITIES  
ACTED UNDER LAWS PASSED AT TRENTON, NEW JERSEY THE 5th DAY OF December  
TWO THOUSAND AND TWENTY TWO

*[Signature]*  
COLONEL  
NEW JERSEY STATE POLICE

*[Signature]*  
ACTING 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. 233B (Rev. 10/22)

DEPARTMENT OF  
**Traffic and Public Safety**  
Which is to certify that

**Ruben J. Benavidez**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF NEW JERSEY OPERATING UNDER THE AMENDMENT TO DEVELOPMENTAL DISCAPACITIES  
ACTED UNDER LAWS PASSED AT TRENTON, NEW JERSEY THE 18th DAY OF November  
TWO THOUSAND AND TWENTY ONE

*[Signature]*  
COLONEL  
NEW JERSEY STATE POLICE

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

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 9/20/23	MCPA	<i>[Signature]</i>
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 233B (Rev. 07/21)