

# ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser.#: ARUM-0073

County: CAMDEN Date of Calibration: 12-27-2024

1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.

2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.  
Ser. #: DDWA 53-0012

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDUJ P2-167

4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 230 208 368

5. **NIST - Traceable Digital Thermometer Readings.**

6.  A. Alcotest 7110 Calibration Record  
 B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**  
 C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**  
 D. **Alcotest Card** of operator/coordinator who performed tests.  
 E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDMB P1-0003

7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/>	A.	0.04% Solution.	<u>23210</u>
<input checked="" type="checkbox"/>	B.	0.08% Solution.	<u>23290</u>
<input checked="" type="checkbox"/>	C.	0.10% Solution.	<u>23230</u>
<input checked="" type="checkbox"/>	D.	0.16% Solution.	<u>23250</u>

8. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

A. 0.04% used in Calibration/Linearity Testing. DDBN-0007  
 B. 0.08% used in Calibration/Linearity Testing. DDCB-0001  
 C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]  
 D. 0.16% used in Calibration/Linearity Testing. DDSC 53-0013

9.  A. New Standard Solution Report following Calibration.  
 B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].  
 C. Certificate of Analysis 0.10% solution for same.  
Lot #: 24020  
 D. Alcotest card of operator/coordinator who completed change.


# 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:

5-9-18

ARUM-0073

Draeger, Inc. BC



**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:

DDWAS3-0012

Certification Date:

9-12-24

Technician:

DH / CR

Re-Certification Due Date:

9-12-25

**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:

DDWSP2-167

Certification Date:

9-11-24

Next Certification Due:

9-11-25

Probe Value:

104

Draeger, Inc.

DH / CR



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



Cert. No.: 4000-14045052

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: 230208368 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	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.003	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.003	Y	49.95	50.05	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*  
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.: 4000-14045052

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

**Recalibration:**

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

Issue Date : 27 Mar 2023

**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).

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

**Coordinator:**

Tr. J. Joshua B. Hill  
Name

7750  
Badge No.

**Location:**

Merchantville Police  
Agency

ARUM-0073  
Alcotest Serial No.

**Equipment:**

230 208 368  
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%	DDBN-0007	07:40 S	08:42 S	33.9°C
0.08%	DDCB-0001	07:40 S	08:43 S	33.9°C
0.10%	DDWA S3-0012	07:40 S	08:44 S	33.9°C
0.16%	DDSC S3-0013	07:40 S	08:45 S	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 ± 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.

Tr. J. Joshua B. Hill # 7750  
Coordinator's Signature

12/27/2024  
Date


# Alcotest 7110 Calibration Record



## Equipment

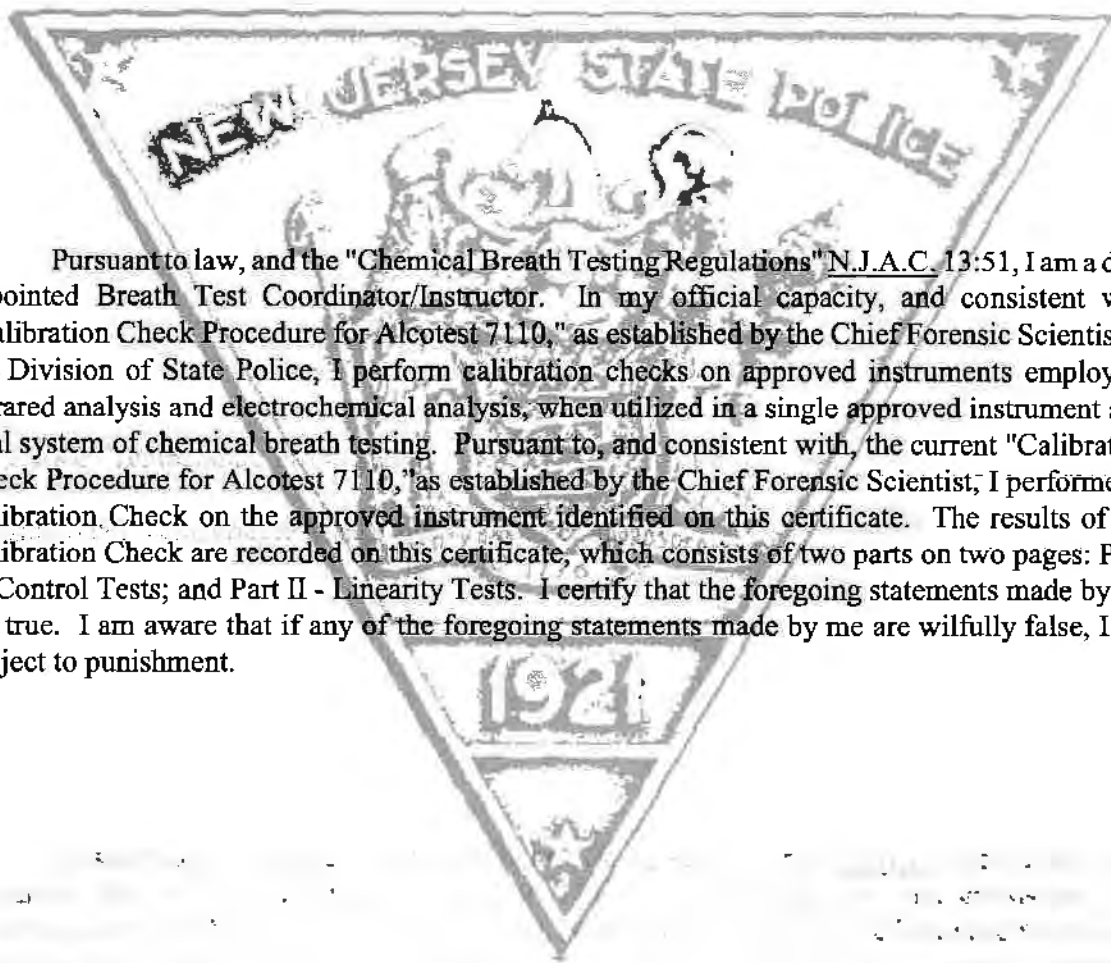
Alcotest 7110 MKIII-C  
Location: MERCHANTVILLE POLICE  
Serial No.: ARUM-0073  
Calibration File No.: 01192  
Calib. Date: 12/27/2024  
Calib. No.: 00052  
Certification File No.: 01177  
Cert. Date: 08/07/2024  
Cert. No.: 00044  
Linearity File No.: 01178  
Lin. Date: 08/07/2024  
Lin. No.: 00044  
Solution File No.: 01191  
Soln. Date: 12/01/2024  
Soln. No.: 00348  
Sequential File No.: 01192  
File Date: 12/27/2024

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 23230  
Model No.: CU-34  
Serial No.: DDWA S3-0012  
Expires: 06/26/2025  
Bottle No.: 0461

## Coordinator

Last Name: HALL  
First Name: JOSHUA  
MI: B  
Signature:  # 7750  
Badge No.: 7750  
Date: 12/27/2024

- \*Black Key Temperature Probe Serial.....# DDMB P1-0063 
- \*Digital NIST Temperature Measuring System Serial.....# 230 208 368 



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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARUM-0073		
Location:	MERCHANTVILLE POLICE				
Calibration File No.:	01192	Calib. Date:	12/27/2024	Calib. No.:	00052
Certification File No.:	01193	Cert. Date:	12/27/2024	Cert. No.:	00045
Linearity File No.:	01178	Lin. Date:	08/07/2024	Lin. No.:	00044
Solution File No.:	01191	Soln. Date:	12/01/2024	Soln. No.:	00348
Sequential File No.:	01193	File Date:	12/27/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWA S3-0012
Control Solution %:	0.100%			Expires:	06/26/2025
Solution Control Lot:	23230			Bottle No.:	0461

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:56S		
Control 1 EC	0.099%	08:57S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:58S		
Control 2 EC	0.098%	08:59S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:00S		
Control 3 EC	0.099%	09:00S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:01S		


All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 12/27/2024

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARUM-0073		
Location:	MERCHANTVILLE POLICE				
Calibration File No.:	01192	Calib. Date:	12/27/2024	Calib. No.:	00052
Certification File No.:	01193	Cert. Date:	12/27/2024	Cert. No.:	00045
Linearity File No.:	01194	Lin. Date:	12/27/2024	Lin. No.:	00045
Solution File No.:	01191	Soln. Date:	12/01/2024	Soln. No.:	00348
Sequential File No.:	01194	File Date:	12/27/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDBN-0007
Control Solution %:	0.040%			Expires:	06/12/2025
Solution Control Lot:	23210			Bottle No.:	0518
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCB-0001
Control Solution %:	0.080%			Expires:	08/03/2025
Solution Control Lot:	23290			Bottle No.:	1251
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDSC S3-0013
Control Solution %:	0.160%			Expires:	07/05/2025
Solution Control Lot:	23250			Bottle No.:	0181

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:15S		
Control 1 EC	0.039%	09:16S	33.8°C	*** TEST PASSED ***
Control 1 IR	0.037%	09:16S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:19S		
Control 2 EC	0.039%	09:20S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.038%	09:20S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:21S		
Control 3 EC	0.080%	09:22S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:22S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:24S		
Control 4 EC	0.081%	09:25S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:25S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:26S		
Control 5 EC	0.160%	09:27S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	09:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:29S		
Control 6 EC	0.158%	09:30S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	09:30S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:31S		

All tests within acceptable tolerance.

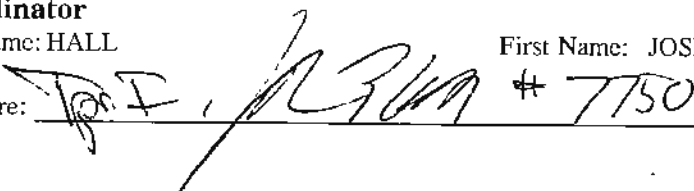
### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:



Badge No.: 7750

Date: 12/27/2024

DEPARTMENT OF  
*Justice and Public Safety*  
*What is to certify that*

Joshua B. Hall

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO INSTRUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 142 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 29th DAY OF March

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. 2935 (Rev. 02/82)

DEPARTMENT OF  
*Justice and Public Safety*  
*What is to certify that*

Joshua B. Hall

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 142 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 21st DAY OF December

TWO THOUSAND AND Seventeen

*[Signature]*  
 ACTING SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8/22/19	N.J.S.P. Galloway	<i>[Signature]</i>
2. 1/12/21	ACCC	<i>[Signature]</i>
3. 10-3-23	ACCC	<i>[Signature]</i>
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2839 (Rev. 11/77)



**NEW JERSEY STATE POLICE**  
Alcohol Drug Testing Unit

**Tpr. II Joshua B. Hall #7750**

Hamilton Technology Complex  
Suite #400  
1200 Negron Drive  
Hamilton, NJ 08691

Tel#: (609) 584-5051 ext 5608  
Email: Joshua.Hall@njsp.gov  
Cell# (609) 947-3179



# 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*

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.

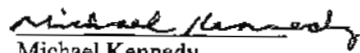
**ANALYSIS DATE:** 08/10/2023

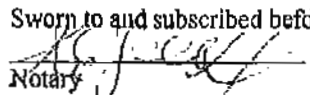
**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 23210

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  
OFS Director  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 11 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

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
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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 0.080 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:** Dräger, 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.

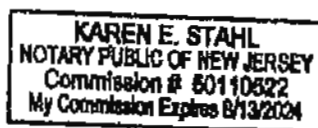
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Notary



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
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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.

Notary [Signature]

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



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# State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
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*Governor*

TAHESHA L. WAY  
*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.

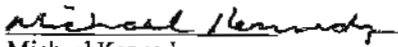
**ANALYSIS DATE:** 09/14/2023

**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  
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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**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:

DDBN - 0007

Certification Date:

Technician:

Re-Certification Due Date:

3-27-24

DH/GR

3-27-25

**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:

DDCB-0001

Certification Date:

Technician:

Re-Certification Due Date:

3-5-24

DH/JP

3-5-25



**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:

DDS CS3-0013

Certification Date:

3-4-24

Technician:

DH / R

Re-Certification Due Date:

3-4-25

**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:

DDMBP1-0003

Certification Date:

4-26-24

Next Certification Due:

4-26-25

Probe Value:

104

Draeger, Inc.

DH / R

# Calibrating Unit


## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARUM-0073
Location:	MERCHANTVILLE POLICE	
Calibration File No.:	01192	Calib. Date: 12/27/2024
Certification File No.:	01193	Calib. No.: 00052
Linearity File No.:	01194	Cert. Date: 12/27/2024
Solution File No.:	01195	Cert. No.: 00045
Sequential File No.:	01195	Lin. Date: 12/27/2024
		Lin. No.: 00045
		Soln. Date: 12/27/2024
		Soln. No.: 00349
		File Date: 12/27/2024
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWA S3-0012
Solution Control Lot:	24020	Expires: 01/09/2026
		Bottle No.: 0648

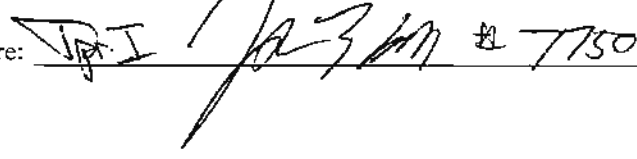
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:38S		
Control 1 EC	0.099%	10:39S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:40S		
Control 2 EC	0.099%	10:40S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:41S		
Control 3 EC	0.099%	10:42S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43S		

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: DDUJ P2-167 

**Changed By:**  
 Last Name: HALL First Name: JOSHUA MI: B

Signature:  # 7750  
 Badge No.: 7750  
 Date: 12/27/2024



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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Governor

TAHENSHA L. WAY  
Lt. Governor

MATTHEW J. PLATKIN  
Attorney General

COLLEGE 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.

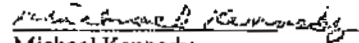
ANALYSIS DATE: 01/22/2024

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 24020

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1194 to 0.1212 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 9, 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  
Director  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 25 day of January, 2024.

Notary 

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 60410822  
My Commission Expires 8/13/2024



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