

# ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser. #: ARUM-0073

County: CAMDEN Date of Calibration: 01-23-2026

☒ 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 S3-0011

☒ 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDUJ P2-168

☒ 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 240 418 745

☒ 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. #: DDEE P2-081

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

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>24230</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>24240</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>24220</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>24250</u>

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

<input checked="" type="checkbox"/> A.	0.04% used in Calibration/Linearity Testing.	<u>DDCB-0002</u>
<input checked="" type="checkbox"/> B.	0.08% used in Calibration/Linearity Testing.	<u>DDCB-0001</u>
<input checked="" type="checkbox"/> C.	0.10% used in Calibration/Linearity Testing. [Same as CU34 unit on instrument.]	
<input checked="" type="checkbox"/> D.	0.16% used in Calibration/Linearity Testing	<u>DDSC S3-0013</u>

☒ 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 #: 24370  
☒ 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:

DDWAS3-0011

Certification Date:

10-31-25

Technician:

DH / cm

Re-Certification Due Date:

10-31-26

**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:

DD4JP2-168

Certification Date:

10-31-25

Next Certification Due:

10-31-26

Probe Value:

102

Draeger, Inc.

DH / cm



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



Cert. No.: 4000-15138511

## 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: 240418745

Manufacturer: Control Company

### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	08 Aug 2024	1000494698
Temperature Probe	3039	03 Aug 2024	15-E5O3Q-20-1
Temperature Probe	5401	28 Jul 2024	4500031366
Temperature Probe	5357	28 Jul 2024	4500031372
Thermistor Module	B5C344	10 Jul 2024	1000493579
Temperature Calibration Bath	B5C478		
Temperature Calibration Bath	B93537		
Temperature Calibration Bath	B96546		
Temperature Probe	5407	10 Jan 2025	4500038066
Thermistor Module	8A070	28 Aug 2024	1000495892

### Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 21 May 2024

Cal Due Date: 21 May 2026

Test Conditions: 64.01%RH 24.08°C 1009mBar

### 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.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.001	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.001	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		99.997	100.002	Y	99.947	100.047	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

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-01805-2006-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.: 4000-15138511

## 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 : 21 May 2024

**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:**

Det. I Joshua B. Hall  
Name

7750  
Badge No.

**Location:**

Merchandise Police  
Agency

ARUM-0073  
Alcotest Serial No.

**Equipment:**

240 418 745  
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%	DDCB-0002	07:29 S	08:31 S	34.0°C
0.08%	DDCB-0001	07:29 S	08:32 S	33.9°C
0.10%	DDWA S3-0011	07:29 S	08:33 S	33.9°C
0.16%	DDSC S3-0013	07:29 S	08:34 S	33.8°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.

Det. I Joshua B. Hall #7750  
Coordinator's Signature

01/23/2026  
Date

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: MERCHANTVILLE POLICE  
Serial No.: ARUM-0073  
Calibration File No.: 01242  
Calib. Date: 01/23/2026  
Calib. No.: 00055  
Certification File No.: 01230  
Cert. Date: 10/01/2025  
Cert. No.: 00047  
Linearity File No.: 01231  
Lin. Date: 10/01/2025  
Lin. No.: 00047  
Solution File No.: 01241  
Soln. Date: 01/11/2026  
Soln. No.: 00362  
Sequential File No.: 01242  
File Date: 01/23/2026

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 24220  
Model No.: CU-34  
Serial No.: DDWA S3-0011  
Expires: 06/18/2026  
Bottle No.: 0470

## Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:

*[Handwritten Signature]*  
#7750

Badge No.: 7750

Date: 01/23/2026

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

*DDEE P2-081*

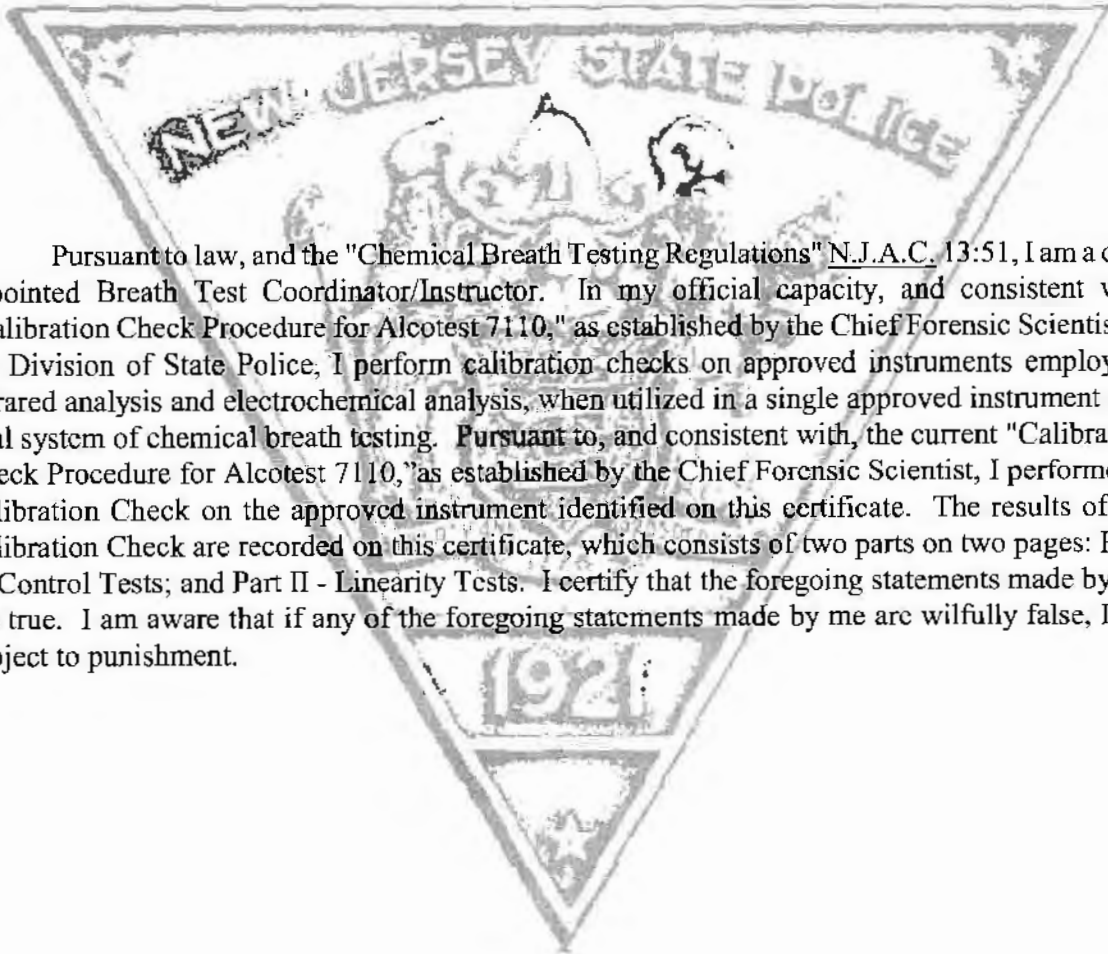
*(JBH)*

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

*240 418 745*

*(JBH)*

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.:	01242	Calib. Date:	01/23/2026
Certification File No.:	01243	Cert. Date:	01/23/2026
Linearity File No.:	01231	Lin. Date:	10/01/2025
Solution File No.:	01241	Soln. Date:	01/11/2026
Sequential File No.:	01243	File Date:	01/23/2026
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDWA S3-0011
Solution Control Lot:	24220	Expires:	06/18/2026
		Bottle No.:	0470

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:45S		
Control 1 EC	0.099%	08:46S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	08:46S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:47S		
Control 2 EC	0.099%	08:47S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	08:47S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:48S		
Control 3 EC	0.098%	08:49S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	08:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:50S		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:

Badge No.: 7750

Date: 01/23/2026

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.:	01242	Calib. Date: 01/23/2026
Certification File No.:	01243	Cert. No.: 00048
Linearity File No.:	01244	Lin. No.: 00048
Solution File No.:	01241	Soln. No.: 00362
Sequential File No.:	01244	File Date: 01/23/2026
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDCB-0002
Solution Control Lot:	24230	Expires: 06/25/2026
		Bottle No.: 1472
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDCB-0001
Solution Control Lot:	24240	Expires: 07/02/2026
		Bottle No.: 0281
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDSC S3-0013
Solution Control Lot:	24250	Expires: 07/17/2026
		Bottle No.: 0764

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:10S		
Control 1 EC	0.041%	09:10S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:12S		
Control 2 EC	0.041%	09:13S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:15S		
Control 3 EC	0.083%	09:15S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:15S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:17S		
Control 4 EC	0.082%	09:18S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.081%	09:18S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:19S		
Control 5 EC	0.165%	09:20S	33.8°C	*** TEST PASSED ***
Control 5 IR	0.161%	09:20S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:22S		
Control 6 EC	0.161%	09:23S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.164%	09:23S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:25S		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 01/23/2026

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

**Joshua B. Hall**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH ALCOHOL TESTS PURSUANT TO CHAPTER 14 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]*  
COLONEL  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8/23/19	N.J.S.P. Galloway	B.A. ~
2. 1/12/21	ACCC	B.M. ~
3. 10-3-23	ACCC	B.M. ~
4. 5/28/25	BCESTC	B.M. ~
5.		
6.		
7.		
8.		
9.		

G.P. 2938 (Rev. 11/17)

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

**Joshua B. Hall**  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO ADMINISTER BREATH ALCOHOL TESTS PURSUANT TO CHAPTER 14 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]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

G.P. 2938 (Rev. 12/22)



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

TAHESHA L. WAY  
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:** 07/23/2024

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 24230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0484 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 25, 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 30 day of July, 2024.

Notary

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  
DIVISION OF STATE POLICE  
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(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** **0.080 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:** 07/24/2024

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 24240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0957 to 0.0973 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 2, 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 31 day of July, 2024.  
[Signature]  
Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 50110622  
My Commission Expires 6/13/2024



"An Internationally Accredited Agency"

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Prohibited by Public Law 92-161 and Regulations





## 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:** 07/22/2024

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 24220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1201 to 0.1223 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 18, 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 29 day of July, 2024.

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

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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(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** **0.160 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.

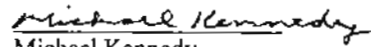
**ANALYSIS DATE:** 08/07/2024

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 24250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1924 to 0.1949 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 17, 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  
OFS Director  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of August, 2024.

Notary



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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)  
Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDCB-0002

Certification Date:

5-16-25

Technician:

DH / QR

Re-Certification Due Date:

5-16-26

**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:

DDCB-0001

Certification Date:

5-16-25

Technician:

DH / QR

Re-Certification Due Date:

5-16-26

# 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:

DDSC53-0013

Certification Date:

5-16-25

Technician:

DH / QR

Re-Certification Due Date:

5-16-26

# Dräger

## Alcotest 7110 Temperature Probe

### CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDEEP2-081

Certification Date:

5-16-25

Next Certification Due:

5-16-26

Probe Value:

104

Dräger, Inc.

DH / QR

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARUM-0073  
**Location:** MERCHANTVILLE POLICE  
**Calibration File No.:** 01242 **Calib. Date:** 01/23/2026 **Calib. No.:** 00055  
**Certification File No.:** 01243 **Cert. Date:** 01/23/2026 **Cert. No.:** 00048  
**Linearity File No.:** 01244 **Lin. Date:** 01/23/2026 **Lin. No.:** 00048  
**Solution File No.:** 01245 **Soln. Date:** 01/23/2026 **Soln. No.:** 00363  
**Sequential File No.:** 01245 **File Date:** 01/23/2026

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDWA S3-0011  
**Control Solution %:** 0.100% **Expires:** 10/08/2026  
**Solution Control Lot:** 24370 **Bottle No.:** 0147

Function	Result	Time	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:30S		
Control 1 EC	0.101%	10:31S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:32S		
Control 2 EC	0.101%	10:33S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:34S		
Control 3 EC	0.100%	10:34S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:34S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:35S		

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:

DDWJ P2-168

6814

**Changed By:**

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:

 #7750

Badge No.: 7750

Date: 01/23/2026



## State of New Jersey

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*Governor*

TAHESHA L. WAY  
*Lt. Governor*

MATTHEW J. PLATEAU  
*Attorney General*

COLONEL PATRICK J. CAILLAWAN  
*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.

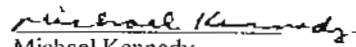
**ANALYSIS DATE:** 10/21/2024

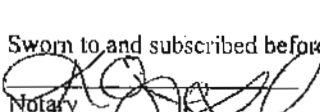
**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 24370

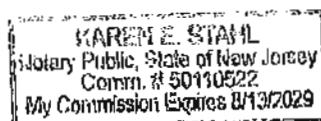
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1189 to 0.1218 grams per 100 milliliters of solution.

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 October 08, 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 08 day of October, 2024.  
  
Notary



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Police Department of the State of New Jersey

