

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: PENNSAUKEN TWSP. P.D. Serial No.: ARUM-0051  
Calibration File No.: 03296 Calib. Date: 07/09/2025 Calib. No.: 00053  
Certification File No.: 03271 Cert. Date: 02/12/2025 Cert. No.: 00046  
Linearity File No.: 03272 Lin. Date: 02/12/2025 Lin. No.: 00045  
Solution File No.: 03294 Soln. Date: 07/02/2025 Soln. No.: 00408  
Sequential File No.: 03296 File Date: 07/09/2025

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUN S3-0340  
Control Solution %: 0.100% Expires: 06/18/2026  
Solution Control Lot: 24220 Bottle No.: 1067

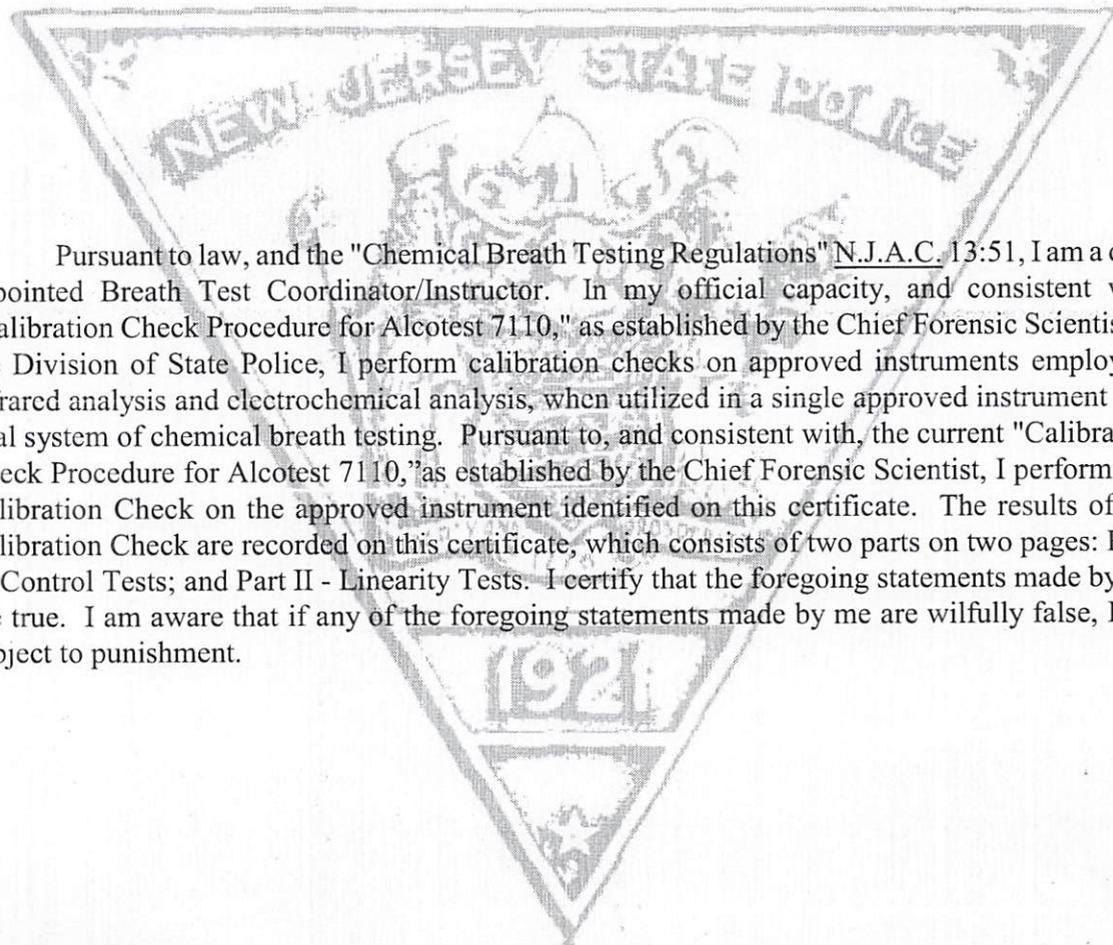
## Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: [Handwritten Signature] #7750 Badge No.: 7750  
Date: 07/09/2025

\*Black Key Temperature Probe Serial.....# DDL B P3-0178 

\*Digital NIST Temperature Measuring System Serial.....# 240 418 745 



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  
PENNSAUKEN TWSP. P.D.  
Serial No.: ARUM-0051

Calibration File No.:	03296	Calib. Date:	07/09/2025	Calib. No.:	00053
Certification File No.:	03297	Cert. Date:	07/09/2025	Cert. No.:	00047
Linearity File No.:	03272	Lin. Date:	02/12/2025	Lin. No.:	00045
Solution File No.:	03294	Soln. Date:	07/02/2025	Soln. No.:	00408
Sequential File No.:	03297	File Date:	07/09/2025		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0340
Control Solution %:	0.100%			Expires:	06/18/2026
Solution Control Lot:	24220			Bottle No.:	1067

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:56D		
Control 1 EC	0.100%	08:56D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	08:56D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:57D		
Control 2 EC	0.099%	08:58D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	08:58D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:58D		
Control 3 EC	0.099%	08:59D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	08:59D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:00D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 07/09/2025

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  
Location: PENNSAUKEN TWSP. P.D.  
Serial No.: ARUM-0051  
Calibration File No.: 03296 Calib. Date: 07/09/2025 Calib. No.: 00053  
Certification File No.: 03297 Cert. Date: 07/09/2025 Cert. No.: 00047  
Linearity File No.: 03298 Lin. Date: 07/09/2025 Lin. No.: 00046  
Solution File No.: 03294 Soln. Date: 07/02/2025 Soln. No.: 00408  
Sequential File No.: 03298 File Date: 07/09/2025

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0008  
Control Solution %: 0.040% Expires: 06/25/2026  
Solution Control Lot: 24230 Bottle No.: 1133

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0011  
Control Solution %: 0.080% Expires: 07/02/2026  
Solution Control Lot: 24240 Bottle No.: 1034

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0022  
Control Solution %: 0.160% Expires: 07/17/2026  
Solution Control Lot: 24250 Bottle No.: 1134

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:18D		
Control 1 EC	0.041%	09:18D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.042%	09:18D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:20D		
Control 2 EC	0.041%	09:20D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:22D		
Control 3 EC	0.081%	09:22D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	09:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:24D		
Control 4 EC	0.081%	09:24D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.082%	09:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:26D		
Control 5 EC	0.161%	09:27D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.161%	09:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:28D		
Control 6 EC	0.159%	09:28D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	09:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:30D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 07/09/2025



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

**Coordinator:**

Tpr I Joshua B. Hall  
Name

7750  
Badge No.

**Location:**

Pennsauken Twsp. P.D.  
Agency

ARUM-0051  
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%	DDRF S3-0008	07:38 D	08:39 D	34.0°C
0.08%	DDRK S3-0011	07:38 D	08:40 D	34.0°C
0.10%	DDUN S3-0340	07:38 D	08:42 D	34.0°C
0.16%	DDRK S3-0022	07:38 D	08:43 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 Joshua B. Hall # 7750  
Coordinator's Signature

07/09/2025  
Date

**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:

DDRF53-0008

Certification Date:

Technician:

Re-Certification Due Date:

12-16-24 DH / QR

12-16-25

**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:

DDRK53-0011

Certification Date:

Technician:

Re-Certification Due Date:

12-19-24 DH / QR

12-19-25

**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)  
Dräger, Inc.

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

Serial Number:

DDRK53-0022

Certification Date:

12-16-24

Technician:

DH / QR

Re-Certification Due Date:

12-16-25

**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:

DDLBP3-0178

Certification Date:

12-19-24

Next Certification Due:

12-19-25

Probe Value:

103

Dräger, Inc.

DH / QR



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-E503Q-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-01805-2008-AQ-HOU-ANAB.  
 International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-15138511

**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 : 21 May 2024

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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-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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 # 50110522
My Commission Expires 8/13/2024



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State of New Jersey

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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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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.

Notary

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



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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 (signature)

Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

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

Notary

KAREN E. STAHL
Notary Public, State of New Jersey
Comm. # 50110522
My Commission Expires 8/13/2029



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*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: Dräger, Inc.

ANALYSIS DATE: 08/08/2024

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 24260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1218 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 July 23, 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 9 day of August, 2024.  
*[Signature]*  
Notary

KAREN E. STAHL  
Notary Public, State of New Jersey  
Comm. # 50110522  
My Commission Expires 8/13/2029



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DEPARTMENT OF  
**Traffic and Public Safety**  
State of New Jersey

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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH TESTS IN ACCORDANCE WITH CHAPTER 142 OF THE LAWS OF 1984 IN THE OPERATION OF THE **Alcotest 7110 MKII-C** AS AMENDED TO DATE 08/11/11 BY THE BOARD OF PUBLIC SAFETY.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 21st DAY OF December TWO THOUSAND AND SEVENTEEN.

[Signature] COLLECTOR, NEW JERSEY STATE POLICE  
[Signature] ATTORNEY GENERAL, STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8/22/19	NTSP Galloway	B. Hall
2. 1/12/21	ACCC	B. Hall
3. 10-3-23	ACCC	B. Hall
4. 5/28/25	BCESTC	B. Hall
5.		
6.		
7.		
8.		
9.		

S.P. 283B (Rev. 11/17)

DEPARTMENT OF  
**Traffic and Public Safety**  
State of New Jersey

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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH TESTS IN ACCORDANCE WITH CHAPTER 142 OF THE LAWS OF 1984 IN THE OPERATION OF THE **Alcotest 7110 MKII-C** AS AMENDED TO DATE 08/11/11 BY THE BOARD OF PUBLIC SAFETY.

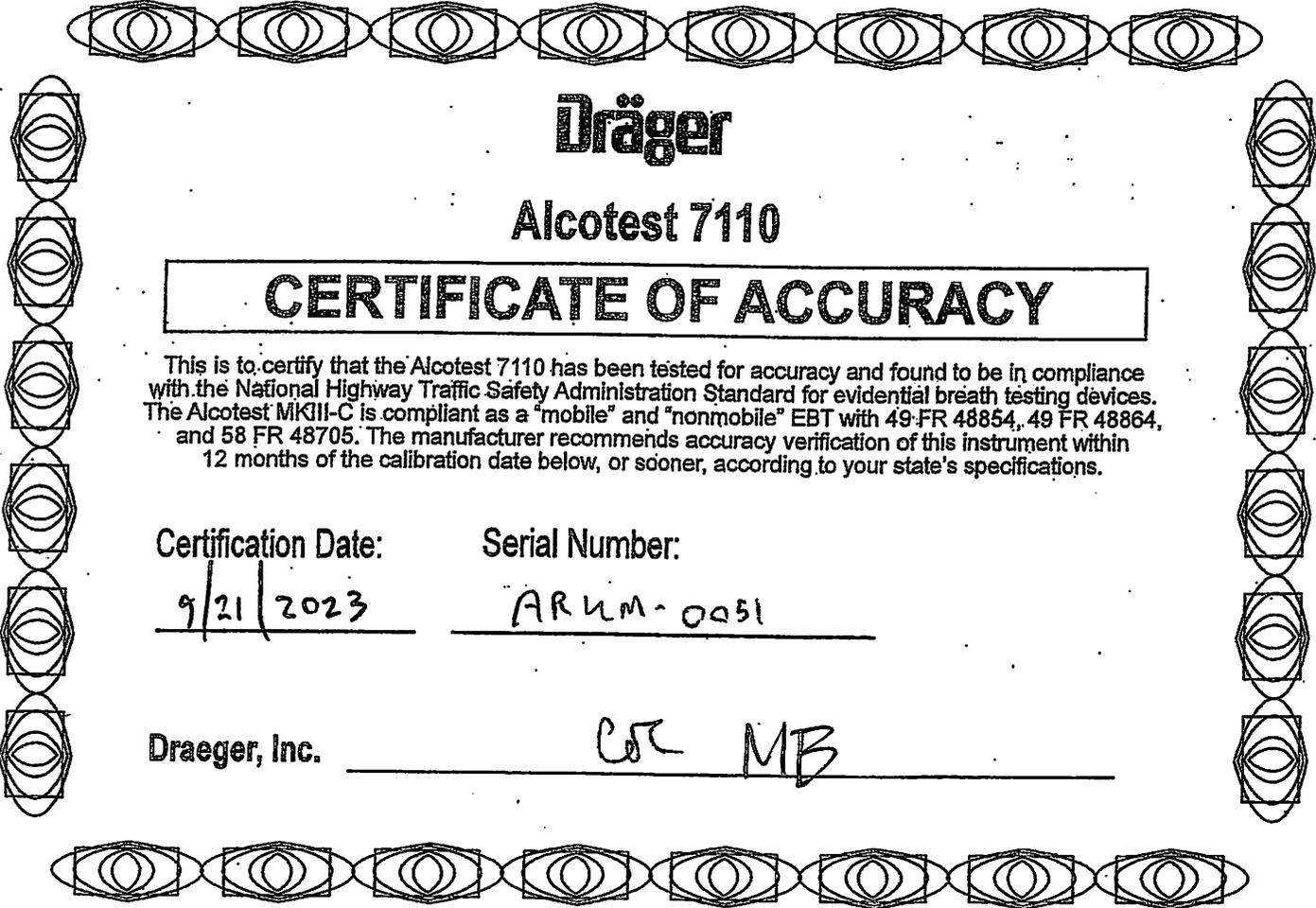
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF March TWO THOUSAND AND TWENTY TWO.

[Signature] COLLECTOR, 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.		

S.P. 283B (Rev. 02/22)



**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:

9/21/2023

ARUM-0051

Draeger, Inc.

CS MB

**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:

DDUN53-0340

Certification Date:

4-18-25

Technician:

DH / QR

Re-Certification Due Date:

4-18-26

**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:

DDWAP2-159

Certification Date:

4-18-25

Next Certification Due:

4-18-26

Probe Value:

96

Draeger, Inc.

DH / QR



**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

# 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:

DDUN53-0340

Certification Date:

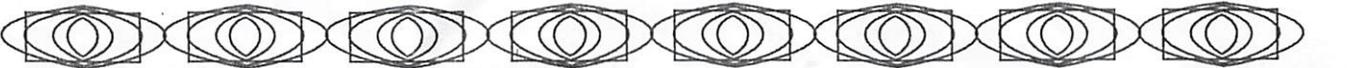
4-18-25

Technician:

DH / QR

Re-Certification Due Date:

4-18-26

# 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:	Certification Date:	Next Certification Due:
<u>DOWAP2-159</u>	<u>4-18-25</u>	<u>4-18-26</u>

Probe Value:

96

Draeger, Inc.

DH / QR

