

# ALCOTEST CHECKLIST

Municipality: WILLINGBORO Alcotest Ser. #: ARWC - 0060  
County: BURLINGTON Date of Calibration: 07-07-2022

- ✓ 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. #: DDWE 53 - 0188
- ✓ 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDHH P2 - 094
- ✓ 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 210 216 802
- ✓ 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. #: DDXK P2 - 390
- ✓ 7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
- |  |                 |              |
|--|-----------------|--------------|
| <input checked="" type="checkbox"/> A. | 0.04% Solution. | <u>21250</u> |
| <input checked="" type="checkbox"/> B. | 0.08% Solution. | <u>21260</u> |
| <input checked="" type="checkbox"/> C. | 0.10% Solution. | <u>21210</u> |
| <input checked="" type="checkbox"/> D. | 0.16% Solution. | <u>21290</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 - 0001</u> |
| <input checked="" type="checkbox"/> B. | 0.08% used in Calibration/Linearity Testing.                                       | <u>DDCB - 0002</u> |
| <input checked="" type="checkbox"/> C. | 0.10% used in Calibration/Linearity Testing.<br>[Same as CU34 unit on instrument.] |                    |
| <input checked="" type="checkbox"/> D. | 0.16% used in Calibration/Linearity Testing.                                       | <u>DDBN - 0007</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 #: 22110  
☒ D. Alcotest card of operator/coordinator who completed change.

**Dräger**

**Alcotest® 7410 MKIII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7410 MKIII-C has been tested for accuracy and found to be in accordance with the National Highway Traffic Safety Administration's (NHTSA) 40 CFR 120.101-120.103. The Alcotest 7410 MKIII-C is a "Type I" device and is not subject to the requirements of 40 CFR 120.101-120.103. The accuracy of the device is based on the results of the testing performed by the manufacturer.

**Certification Date:**

**2-10-14**

**ACCURACY NUMBER:**

**AKWC-0260**

**Dräger Safety Corporation, 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:

DDWES3-0188

Certification Date:

4.13.22

Technician:

MB

Re-Certification Due Date:

4.13.23

**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:

DDHHP2-094

Certification Date:

4.13.22

Next Certification Due:

4.13.23

Probe Value:

105

Draeger, Inc.

MB



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



Cert. No.: 4000-12064518

### 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: 210216802

Manufacturer: Control Company

#### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	01 Mar 2022	1000464865
Temperature Calibration Bath	A46240		
Temperature Calibration Bath	A73332		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	08 Mar 2022	C1228018
Temperature Calibration Bath	B3A444		
Temperature Probe	5357	09 Jun 2021	C0428083
Thermistor Module	B5C344	06 Jun 2021	1000452872
Thermistor Module	B96381	21 Aug 2021	1000457544
Temperature Probe	5392	04 Aug 2021	C0804052
Temperature Probe	5398	04 Aug 2021	C0804051

#### Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 17 Mar 2021

Cal Due Date: 17 Mar 2023

Test Conditions: 62.18%RH 22.28°C 1006mBar

#### 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	0.002	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.002	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.002	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		99.999	100.003	Y	99.949	100.049	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

*Marisa Elms*  
Marisa Elms, 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. 1780.01.  
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.: 4000-12064518

**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 : 17 Mar 2021

**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).

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

**Coordinator:**

Tpr. II Joshua B. Hall  
Name

7750  
Badge No.

**Location:**

Wilmington Twp. Police  
Agency

ARV-0060  
Alcotest Serial No.

**Equipment:**

210 216 802  
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulator Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDCB-0001	12:39 D	13:30 D	33.9°C
0.08%	DDCB-0002	12:39 D	13:31 D	34.0°C
0.10%	DDWE S3-0188	12:39 D	13:33 D	33.9°C
0.16%	ODBN-0007	12:39 D	13:34 D	34.0°C

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

[Signature] #7750  
Coordinator's Signature

07/07/2022  
Date

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: WILLINGBORO TWP POLICE  
Serial No.: ARWC-0060  
Calibration File No.: 00762  
Certification File No.: 00750  
Linearity File No.: 00751  
Solution File No.: 00761  
Sequential File No.: 00762  
Calib. Date: 07/07/2022  
Cert. Date: 03/14/2022  
Lin. Date: 03/14/2022  
Soln. Date: 06/19/2022  
File Date: 07/07/2022  
Calib. No.: 00045  
Cert. No.: 00037  
Lin. No.: 00037  
Soln. No.: 00250  
Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 21210  
Model No.: CU-34  
Serial No.: DDWE S3-0188  
Expires: 06/16/2023  
Bottle No.: 0311

## Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:



#7750

Badge No.: 7750

Date: 07/07/2022

\*Black Key Temperature Probe Serial.....# DDWK P2-390 (SN)

\*Digital NIST Temperature Measuring System Serial.....# 210 216 802 (SN)



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:27, 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, to perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, which utilized 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 within 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  
Location: WILLINGBORO TWP POLICE  
Serial No.: ARWC-0060  
Calibration File No.: 00762  
Calib. Date: 07/07/2022  
Calib. No.: 00045  
Certification File No.: 00763  
Cert. Date: 07/07/2022  
Cert. No.: 00038  
Linearity File No.: 00751  
Lin. Date: 03/14/2022  
Lin. No.: 00037  
Solution File No.: 00761  
Soln. Date: 06/19/2022  
Soln. No.: 00250  
Sequential File No.: 00763  
File Date: 07/07/2022  
Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDWE S3-0188  
Control Solution %: 0.100%  
Expires: 06/16/2023  
Solution Control Lot: 21210  
Bottle No.: 0311

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:43D		
Control 1 EC	0.099%	13:43D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	13:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:44D		
Control 2 EC	0.098%	13:45D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:45D		
Control 3 EC	0.097%	13:46D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:47D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 07/07/2022

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.: ARWC-0060
Location:	WILLINGBORO TWP POLICE	
Calibration File No.:	00762	Calib. Date: 07/07/2022
Certification File No.:	00763	Cert. No.: 00045
Linearity File No.:	00764	Cert. Date: 07/07/2022
Solution File No.:	00761	Lin. No.: 00038
Sequential File No.:	00764	Lin. Date: 07/07/2022
		Soln. No.: 00250
		File Date: 07/07/2022

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDCB-0001
Control Solution %:	0.040%		Expires: 07/06/2023
Solution Control Lot:	21250		Bottle No.: 1004

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDCB-0002
Control Solution %:	0.080%		Expires: 07/19/2023
Solution Control Lot:	21260		Bottle No.: 1185

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDBN-0007
Control Solution %:	0.160%		Expires: 07/29/2023
Solution Control Lot:	21290		Bottle No.: 0242

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:56D		
Control 1 EC	0.040%	13:57D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:58D		
Control 2 EC	0.040%	13:59D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:01D		
Control 3 EC	0.080%	14:01D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	14:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:03D		
Control 4 EC	0.078%	14:03D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	14:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:05D		
Control 5 EC	0.158%	14:05D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	14:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:07D		
Control 6 EC	0.157%	14:08D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	14:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:09D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

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

Badge No.: 7750

Date: 07/07/2022

DEPARTMENT OF  
Traffic and Public Safety  
This is to certify that

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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1981 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.		

B.P. 2518 (Rev. 12/22)

DEPARTMENT OF  
Traffic and Public Safety  
This is to certify that

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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1981 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 SUPERVISOR  
NEW JERSEY STATE POLICE

[Signature] ACTING ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

B.P. 2535 (Rev. 1/17)



**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.org  
Cell# (609) 947-3179



PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7058  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

**CERTIFICATION OF ANALYSIS**  
**0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

MANUFACTURER: Dräger, Inc.

ANALYSIS DATE: 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0485 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 06, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

Sworn to and subscribed before me this 28 day of July, 2021.  
Karen E. Stahl  
Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 50310822  
My Commission Expires 8/13/2024



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## State of New Jersey

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WEST TRENTON, NJ 08628-0068  
(609) 882-2000

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Governor

SHEILA Y. OLIVER  
Lt. Governor

GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

### CERTIFICATION OF ANALYSIS 0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

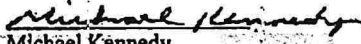
ANALYSIS DATE: 07/27/2021

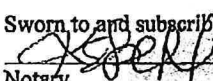
BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0970 to 0.0977 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 19, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of July, 2021.  
  
Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 50110522  
My Commission Expires 07/19/2024



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(609) 882-2000

PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

**CERTIFICATION OF ANALYSIS**  
**0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 07/07/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21210

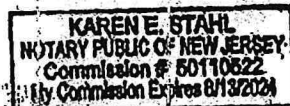
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1215 grams per 100 milliliters of solution.

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 16, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

Sworn to and subscribed before me this 20 day of July, 2021.  
[Signature]  
Notary



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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  
(609) 882-2000

PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

ANDREW J. BRUCK  
Acting Attorney General

PATRICK J. CALLAHAN  
Colonel

### CERTIFICATION OF ANALYSIS 0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 08/11/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1945 to 0.1977 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 29, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

Sworn to and subscribed before me this 21 day of August, 2021.

*Karen E. Stahl*  
Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 50110522  
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)  
Dräger, Inc.

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

Serial Number:

DDCB-0001

Certification Date:

4.5.22

Technician:

MB

Re-Certification Due Date:

4.5.23

**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:

4.5.22

Technician:

MB

Re-Certification Due Date:

4.5.23

**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-D007

Certification Date:

4.5.22

Technician:

MB

Re-Certification Due Date:

4.5.23

**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:

DDX KP2-390

Certification Date:

4.1.22

Next Certification Due:

4.1.23

Probe Value:

10.2

Draeger, Inc.

MB

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWC-0060  
Location: WILLINGBORO TWP POLICE  
Calibration File No.: 00762 Calib. Date: 07/07/2022 Calib. No.: 00045  
Certification File No.: 00763 Cert. Date: 07/07/2022 Cert. No.: 00038  
Linearity File No.: 00764 Lin. Date: 07/07/2022 Lin. No.: 00038  
Solution File No.: 00765 Soln. Date: 07/07/2022 Soln. No.: 00251  
Sequential File No.: 00765 File Date: 07/07/2022

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0188  
Control Solution %: 0.100% Expires: 04/04/2024  
Solution Control Lot: 22110 Bottle No.: 1145

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:17D		
Control 1 EC	0.100%	15:17D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:18D		
Control 2 EC	0.099%	15:19D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	15:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:19D		
Control 3 EC	0.099%	15:20D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:21D		

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: PDWHP2-014

### Changed By:

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: [Signature]

Badge No.: 7750

Date: 07/07/2022



## State of New Jersey

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*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

MATTHEW J. PLATKIN  
*Acting 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:** 04/26/2022

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 22110

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1237 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 April 4, 2024.

As Acting 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  
Acting OFS Director  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of April, 2022.  
[Signature]  
Notary



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