ALCOTEST CHECKLIST

Municipality: WILLINGBORO Alcotest Ser.#: ARWC - 0060

County: BURLINGTON Date of Calibration: 03-22-2024

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

✓ 2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.
Ser. #: 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. #: 230 208 368

✓ 5. **NIST – Traceable Digital Thermometer Readings.**

✓ 6.
- ✓ A. Alcotest 7110 Calibration Record
- ✓ B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
- ✓ C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
- ✓ D. **Alcotest Card** of operator/coordinator who performed tests.
- ✓ E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
Ser. #: DDEE P2-081

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

- ✓ A. 0.04% Solution. 22250
- ✓ B. 0.08% Solution. 22270
- ✓ C. 0.10% Solution. 22240
- ✓ D. 0.16% Solution. 22290

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

- ✓ A. 0.04% used in Calibration/Linearity Testing. DDWF 53-0237
- ✓ B. 0.08% used in Calibration/Linearity Testing. DDWF 53-0242
- ✓ C. 0.10% used in Calibration/Linearity Testing. [Same as CU34 unit on instrument.]
- ✓ D. 0.16% used in Calibration/Linearity Testing. DDWF 53-0218

✓ 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 #: 23010
- ✓ D. Alcotest card of operator/coordinator who completed change.

 07-30-2024

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

[illegible]

Certification Date: 2-10-14

Serial Number: ARWC-00600

Draeger Safety Diagnostics, Inc.

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: DDWE53-0199

Certification Date: 10-26-23

Technician: DH / MB

Re-Certification Due Date: 10-26-24

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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: 10-26-23

Next Certification Due: 10-26-24

Probe Value: 105

Draeger, Inc. DH / MB

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

ACCREDITED A2LA Certificate No. 1750.01 Calibration

Cert. No.: 4000-14045052

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by : VWR International LLC Radnor Corporate Center, Bldg 1,Ste 200, 100 Matsonford Road,Radnor,PA,19087

Instrument Identification:

Model: 61220-601, S/N: 230208368 Manufacturer: Control Company

Standards/Equipment:

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

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 27 Mar 2023 Cal Due Date: 27 Mar 2025

Test Conditions: 57.99%RH 23.66°C 1013mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.003	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.003	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.002	99.998	Y	99.952	100.052	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement : (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) – Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez, Quality Manager

Jenny Ren, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

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

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

Cert. No.: 4000-14045052

Traceable® Certificate of Calibration for Digital Thermometer

Recalibration:

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

Issue Date : 27 Mar 2023

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

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

Coordinator:

Tpr. II Joshua B. Hall
Name

7750
Badge No.

Location:

Willingboro Twp Police
Agency

ARWC-0060
Alcotest Serial No.

Equipment:

230 208 368
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDWF S3-0237	11:07D (JH)	12:08D (JH)	33.9°C
0.08%	DDWF S3-0242	11:07D (JH)	12:09D (JH)	34.0°C
0.10%	DDWE S3-0188	11:07D (JH)	12:11D (JH)	33.9°C
0.16%	DDWF S3-0218	11:07D (JH)	12:12D (JH)	33.9°C

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

Tpr. II # 7750
Coordinator's Signature

03/22/2024
Date

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARWC-0060
Location:	WILLINGBORO TWP POLICE				
Calibration File No.:	00816	Calib. Date:	03/22/2024	Calib. No.:	00050
Certification File No.:	00814	Cert. Date:	03/20/2024	Cert. No.:	00042
Linearity File No.:	00815	Lin. Date:	03/20/2024	Lin. No.:	00042
Solution File No.:	00812	Soln. Date:	03/09/2024	Soln. No.:	00274
Sequential File No.:	00816	File Date:	03/22/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0188
Control Solution %:	0.100%			Expires:	07/05/2024
Solution Control Lot:	22240			Bottle No.:	0111

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: JBH #7750 Badge No.: 7750

Date: 03/22/2024

*Black Key Temperature Probe Serial.....# DDEE P2-081 (SBP)

*Digital NIST Temperature Measuring System Serial.....# 230 208 368 (SBP)

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110,"as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARWC-0060
Location:	WILLINGBORO TWP POLICE				
Calibration File No.:	00816	Calib. Date:	03/22/2024	Calib. No.:	00050
Certification File No.:	00817	Cert. Date:	03/22/2024	Cert. No.:	00043
Linearity File No.:	00815	Lin. Date:	03/20/2024	Lin. No.:	00042
Solution File No.:	00812	Soln. Date:	03/09/2024	Soln. No.:	00274
Sequential File No.:	00817	File Date:	03/22/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0188
Control Solution %:	0.100%			Expires:	07/05/2024
Solution Control Lot:	22240			Bottle No.:	0111

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:23S 12:23 D JH		
Control 1 EC	0.099%	11:24S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:25S		
Control 2 EC	0.097%	11:25S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:25S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:26S		
Control 3 EC	0.097%	11:27S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:28S 12:28 D JH		

All tests within acceptable tolerance.

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: JH #7750 Badge No.: 7750

Date: 03/22/2024

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110,"as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARWC-0060
Location:	WILLINGBORO TWP POLICE				
Calibration File No.:	00816	Calib. Date:	03/22/2024	Calib. No.:	00050
Certification File No.:	00817	Cert. Date:	03/22/2024	Cert. No.:	00043
Linearity File No.:	00818	Lin. Date:	03/22/2024	Lin. No.:	00043
Solution File No.:	00812	Soln. Date:	03/09/2024	Soln. No.:	00274
Sequential File No.:	00818	File Date:	03/22/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0237
Control Solution %:	0.040%			Expires:	07/19/2024
Solution Control Lot:	22250			Bottle No.:	1316
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0242
Control Solution %:	0.080%			Expires:	07/28/2024
Solution Control Lot:	22270			Bottle No.:	0201
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0218
Control Solution %:	0.160%			Expires:	08/04/2024
Solution Control Lot:	22290			Bottle No.:	0818

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:46S	12:46 D JH	
Control 1 EC	0.042%	11:47S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	11:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:48S		
Control 2 EC	0.041%	11:49S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	11:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:51S		
Control 3 EC	0.082%	11:51S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	11:51S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:53S		
Control 4 EC	0.080%	11:54S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	11:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:55S		
Control 5 EC	0.161%	11:56S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	11:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:58S		
Control 6 EC	0.158%	11:58S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	11:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:00S	13:00 D JH	

All tests within acceptable tolerance.

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: #7750 Badge No.: 7750

Date: 03/22/2024

DEPARTMENT OF
Law 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 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

COLONEL
NEW JERSEY STATE POLICE

ACTING ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2938 (Rev. 02/22)

DEPARTMENT OF
Law 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 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

ACTING SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	8/22/19	NJSP Galloway	
2.	1/12/21	ACCC	
3.	10-3-23	ACCC	
4.			
5.			
6.			
7.			
8.			
9.			

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

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.gov
Cell# (609) 947-3179

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE:** 08/17/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22250

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 0.0483 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, 2024.

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 September, 2022.

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting 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:** 08/18/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0983 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 28, 2024.

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 September, 2022.

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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:** 07/21/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1219 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 05, 2024.

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 27 day of July, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110022
My Commission Expires 8/13/2024

State of New Jersey
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SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting 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:** 08/22/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22290

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 0.1948 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 4, 2024.

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 September, 2022.

Notary

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

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.

- Ø Model: ALCOTEST CU34
- ○ Model: MARK IIA
- ○ X-Cal 2000 (Alcosim)
- ○ Other: _____

Serial Number: DDWF53-0237

Certification Date: 12-2-23 Technician: DH / CR Re-Certification Due Date: 12-2-24

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

- Ø Model: ALCOTEST CU34
- ○ Model: MARK IIA
- ○ X-Cal 2000 (Alcosim)
- ○ Other: _____

Serial Number: DDWFS3-0242

Certification Date: 12-20-23 Technician: DH / CR Re-Certification Due Date: 12-20-24

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

- Ø Model: ALCOTEST CU34
- O Model: MARK IIA
- O X-Cal 2000 (Alcosim)
- O Other: _____

Serial Number: DDWF53-0218

Certification Date: 12-2-23

Technician: DH / CR

Re-Certification Due Date: 12-2-24

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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: DDEEP2-0811

Certification Date: 12-5-23

Next Certification Due: 12-5-24

Probe Value: 104

Draeger, Inc. DH / CR

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARWC-0060
Location:	WILLINGBORO TWP POLICE				
Calibration File No.:	00816	Calib. Date:	03/22/2024	Calib. No.:	00050
Certification File No.:	00817	Cert. Date:	03/22/2024	Cert. No.:	00043
Linearity File No.:	00818	Lin. Date:	03/22/2024	Lin. No.:	00043
Solution File No.:	00819	Soln. Date:	03/22/2024	Soln. No.:	00275
Sequential File No.:	00819	File Date:	03/22/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0188
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1292

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:10S	14:10 D JH	
Control 1 EC	0.103%	13:11S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:11S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12S		
Control 2 EC	0.100%	13:13S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:13S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13S		
Control 3 EC	0.100%	13:14S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:14S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15S	14:15 D JH	

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in acordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDHH P2-094 JBH

Changed By:

Last Name: HALL First Name: JOSHUA MI: B

Signature: JH #7750 Badge No.: 7750

Date: 03/22/2024

State of New Jersey
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Governor

SHEILA Y. OLIVER
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:** 01/25/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23010

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1225 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is January 11, 2025.

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

Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 30 day of January, 2023.

Notary

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