ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser.#: ARUM-0073

County: CAMDEN Date of Calibration: 07-19-2022

✓ 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. #: DDWA 53-0012

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

✓ 4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 210216813

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

✓ 6.
- ✓ A. Alcotest 7110 Calibration Record
- ✓ B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
- ✓ C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
- ✓ D. **Alcotest Card** of operator/coordinator who performed tests.
- ✓ E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
  Ser. #: DDMB P1-0119

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

- ✓ A. 0.04% Solution. 21250
- ✓ B. 0.08% Solution. 21260
- ✓ C. 0.10% Solution. 21270
- ✓ D. 0.16% Solution. 21290

✓ 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. DDXD 53-0187
- ✓ B. 0.08% used in Calibration/Linearity Testing. DDRK 53-0015
- ✓ C. 0.10% used in Calibration/Linearity Testing. [Same as CU34 unit on instrument.]
- ✓ D. 0.16% used in Calibration/Linearity Testing. DDRK 53-0006

✓ 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 #: 21090
- ✓ D. Alcotest card of operator/coordinator who completed change.

07-21-2022

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 7110 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: 5-9-18

Serial Number: ARUM-0073

Dräger, 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: ARWAS3-0012

Certification Date: 12·30·21

Technician: MB

Re-Certification Due Date: 12·30·22

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: ARUJP2-1167

Certification Date: 12·30·21

Next Certification Due: 12·30·22

Probe Value: 104

Draeger, Inc. MB

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

Cert. No.: 4000-12064529

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: 210216813 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	01 Mar 2022	1000464865
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A73332		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	08 Mar 2022	C1228019
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	0.001	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.		99.998	100.003	Y	99.948	100.048	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

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. 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).

Traceable® is a registered trademark of Control Company

© 2017 Control Company

ACCREDITED
A2LA Certificate No. 1750.01
Calibration

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

Cert. No.: 4000-12064529

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 - Mulilateral Recognition Arrangement (ILAC-MRA).

Traceable® is a registered trademark of Control Company

© 2017 Control Company

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

Coordinator:

Sgt. Matthew R. Watson
Name

7078
Badge No.

Location:

Merchantville Police
Agency

ARUM-0073
Alcotest Serial No.

Equipment:

21021681 3
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%	DDXD 53-0187	08:08D	09:20D	33.9°C
0.08%	DDRK 53-0015	08:08D	09:22D	34.0°C
0.10%	DDWA 53-0012	08:08D	09:25D	33.9°C
0.16%	DDRK 53-0006	08:08D	09:27D	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.

Sgt. [signature] #7078
Coordinator's Signature

07/19/2022
Date

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0073
Location:	MERCHANTVILLE POLICE				
Calibration File No.:	01077	Calib. Date:	07/19/2022	Calib. No.:	00046
Certification File No.:	01062	Cert. Date:	02/10/2022	Cert. No.:	00038
Linearity File No.:	01063	Lin. Date:	02/10/2022	Lin. No.:	00038
Solution File No.:	01076	Soln. Date:	07/15/2022	Soln. No.:	00304
Sequential File No.:	01077	File Date:	07/19/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWA S3-0012
Control Solution %:	0.100%			Expires:	06/16/2023
Solution Control Lot:	21210			Bottle No.:	1196

Coordinator

Last Name: WATSON First Name: MATTHEW MI: R

Signature: Sgt. Matthew A. Watson #7078 Badge No.: 7078

Date: 07/19/2022

*Black Key Temperature Probe Serial.....# DDMBP1-0119 MRW

*Digital NIST Temperature Measuring System Serial.....# 210216813 MRW

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.: ARUM-0073
Location: MERCHANTVILLE POLICE

Calibration File No.:	01077	Calib. Date:	07/19/2022	Calib. No.:	00046
Certification File No.:	01078	Cert. Date:	07/19/2022	Cert. No.:	00039
Linearity File No.:	01063	Lin. Date:	02/10/2022	Lin. No.:	00038
Solution File No.:	01076	Soln. Date:	07/15/2022	Soln. No.:	00304
Sequential File No.:	01078	File Date:	07/19/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWA S3-0012
Control Solution %:	0.100%			Expires:	06/16/2023
Solution Control Lot:	21210			Bottle No.:	1196

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:54D		
Control 1 EC	0.102%	09:55D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	09:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56D		
Control 2 EC	0.100%	09:57D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:57D		
Control 3 EC	0.100%	09:58D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	09:58D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:59D		

All tests within acceptable tolerance.

Coordinator
Last Name: WATSON First Name: MATTHEW MI: R
Signature: Sgt. Matthew R. Watson #7078 Badge No.: 7078
Date: 07/19/2022

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

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE

Calibration File No.:	01077	Calib. Date:	07/19/2022	Calib. No.:	00046
Certification File No.:	01078	Cert. Date:	07/19/2022	Cert. No.:	00039
Linearity File No.:	01079	Lin. Date:	07/19/2022	Lin. No.:	00039
Solution File No.:	01076	Soln. Date:	07/15/2022	Soln. No.:	00304
Sequential File No.:	01079	File Date:	07/19/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0187
Control Solution %:	0.040%			Expires:	07/06/2023
Solution Control Lot:	21250			Bottle No.:	1152

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDRK S3-0015
Control Solution %:	0.080%			Expires:	07/19/2023
Solution Control Lot:	21260			Bottle No.:	0278

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDRK S3-0006
Control Solution %:	0.160%			Expires:	07/29/2023
Solution Control Lot:	21290			Bottle No.:	1445

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:09D		
Control 1 EC	0.041%	10:10D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	10:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:11D		
Control 2 EC	0.041%	10:12D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	10:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:13D		
Control 3 EC	0.082%	10:14D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	10:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16D		
Control 4 EC	0.082%	10:16D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.082%	10:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		
Control 5 EC	0.163%	10:19D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.163%	10:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:20D		
Control 6 EC	0.162%	10:21D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	10:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:23D		

All tests within acceptable tolerance.

Coordinator
Last Name: WATSON First Name: MATTHEW MI: R

Signature: Sgt. Matthew R. Watson #7078 Badge No.: 7078
Date: 07/19/2022

DEPARTMENT OF
Law and Public Safety
This is to certify that

Matthew R. Watson
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL TESTS AND OTHER TESTS 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 8th DAY OF August
TWO THOUSAND AND Ten

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	11-8-12	GCPA	Lum Loos
2.	7/14/15	CnPA	Odang Stanka
3.	3/13/17	LaKehurst	Michelle Sneeden
4.	9.20.19	GCFA	Lum Loos
5.	11/09/21	GCFA	
6.			
7.			
8.			
9.			

S.P. 2935 (Rev. 03/10)

DEPARTMENT OF
Law and Public Safety
This is to certify that

Matthew R. Watson
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL TESTS AND OTHER TESTS 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 8th DAY OF June
TWO THOUSAND AND Sixteen

SUPERINTENDENT
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. 2935 (Rev. 03/10)

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

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: Draeger, 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
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 # 50110622
My Commission Expires 8/13/2024

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

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 8/13/2024

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

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
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of July, 2021

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
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
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 10 day of August, 2021

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.

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

Serial Number: DDXD53-0187

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: DDRK53-0015

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: DDRK53-0006

Certification Date:	Technician:	Re-Certification Due Date:
4.1.22	MB	4.1.23

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:
DDMBPI-0119	4.1.22	4.1.23

Probe Value: 103

Draeger, Inc. MB

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0073
Location:	MERCHANTVILLE POLICE				
Calibration File No.:	01077	Calib. Date:	07/19/2022	Calib. No.:	00046
Certification File No.:	01078	Cert. Date:	07/19/2022	Cert. No.:	00039
Linearity File No.:	01079	Lin. Date:	07/19/2022	Lin. No.:	00039
Solution File No.:	01080	Soln. Date:	07/19/2022	Soln. No.:	00305
Sequential File No.:	01080	File Date:	07/19/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWA S3-0012
Control Solution %:	0.100%			Expires:	03/17/2023
Solution Control Lot:	21090			Bottle No.:	1181

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:29D		
Control 1 EC	0.102%	11:29D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	11:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:30D		
Control 2 EC	0.102%	11:31D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:32D		
Control 3 EC	0.102%	11:32D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	11:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:33D		

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: DDUSP2-167 MRW

Changed By:

Last Name: WATSON First Name: MATTHEW MI: R

Signature: Sgt. M. Watson #7078 Badge No.: 7078

Date: 07/19/2022

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

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:** 03/25/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1227 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 March 17, 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 31 day of March, 2021.

Notary

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

"An Internationally Accredited Agency"

HONOR STATE POLICE NJ DUTY FIDELITY