

ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE

Alcotest Ser.#: ARUM - 0073

County: CAMDEN

Date of Calibration: 12-08-2020

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. #: DWA S3-0011
3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDUJ P2-168
4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 191 959 029
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 P2-060
7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
 - A. 0.04% Solution. 19310
 - B. 0.08% Solution. 19320
 - C. 0.10% Solution. 19270
 - D. 0.16% Solution. 19360
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. DDSC S3-0001
 - B. 0.08% used in Calibration/Linearity Testing. DDXC S3-0020
 - C. 0.10% used in Calibration/Linearity Testing.
[Same as CU34 unit on instrument.]
 - D. 0.16% used in Calibration/Linearity Testing. DDMK S3-0008
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 #: 19240
 - D. Alcotest card of operator/coordinator who completed change.



Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date:

Serial Number:

5-9-18

ARUM-0073

Draeger, Inc.

BC

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 243 12/19/94 Notices)
Draeger, Inc.

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

Serial Number:

DDWAS3-0011

Certification Date:

9.21.20

Technician:

[Signature]

Re-Certification Due Date:

9.21.21

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:

DDUJP2-168

Certification Date:

9.21.20

Next Certification Due:

9.21.21

Probe Value:

101

Draeger, Inc.

[Signature]



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



Cert. No.: 4000-10177848

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601, S/N: 191959029 Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Lists calibration standards and equipment like Temperature Calibration Bath, Thermistor Module, and Temperature Probe.

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 13 Feb 2019 Cal Due Date: 13 Feb 2021
Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Table with 11 columns: Unit(s), Nominal, As Found, In Tol, Nominal, As Left, In Tol, Min, Max, ±U, TUR. Shows calibration results for 4 different temperature points.

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.

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

Aaron Justice, 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.

Recalibration:

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

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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10177848

Traceable® Certificate of Calibration for Digital Thermometer

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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-RVA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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

Coordinator:

Tpr I Denis J Lutz
Name

7045
Badge No.

Location:

Merchantville Police
Agency

ARUM-0073
Alcotest Serial No.

Equipment:

191 959 029
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%	DDSC 53-0001	07:33 S	08:34 S	33.9°C
0.08%	DDXC 53-0620	07:33 S	08:35 S	33.9°C
0.10%	DDWA 53-0011	07:33 S	08:35 S	33.9°C
0.16%	DDMK 53-0008	07:33 S	08:36 S	33.9°C

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

Tpr I Denis J Lutz 7045
Coordinator's Signature

12-8-20
Date

Alcotest 7110 Calibration Record

Equipment

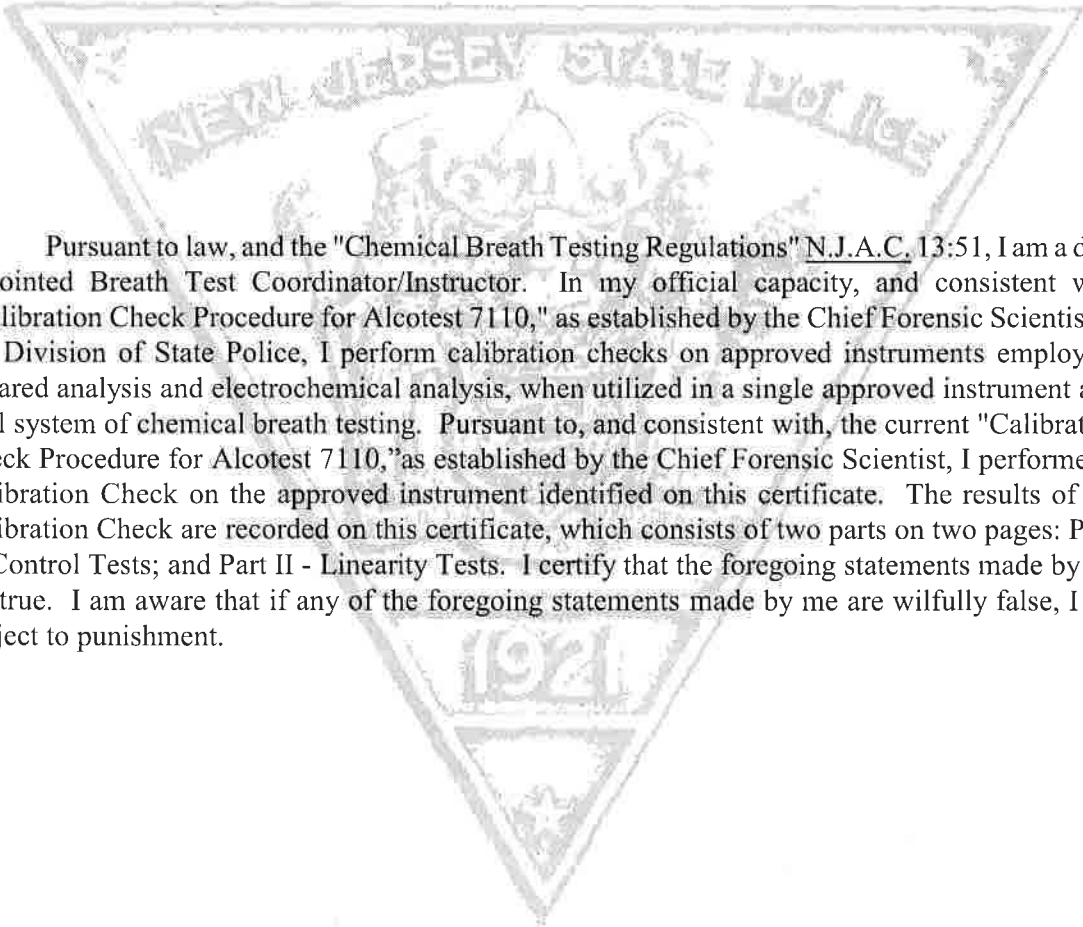
Alcotest 7110 MKIII-C
Location: MERCHANTVILLE POLICE
Serial No.: ARUM-0073
Calibration File No.: 01020
Calib. Date: 12/08/2020
Calib. No.: 00042
Certification File No.: 01005
Cert. Date: 06/30/2020
Cert. No.: 00034
Linearity File No.: 01006
Lin. Date: 06/30/2020
Lin. No.: 00034
Solution File No.: 01019
Soln. Date: 12/01/2020
Soln. No.: 00275
Sequential File No.: 01020
File Date: 12/08/2020

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 19270
Model No.: CU-34
Serial No.: DDWA S3-0011
Expires: 10/14/2021
Bottle No.: 0798

Coordinator

Last Name: LUTZ
First Name: DENNIS
MI: J
Signature: Tpr I Dent 7045
Badge No.: 7045
Date: 12/08/2020

*Black Key Temperature Probe Serial.....# DDEEP2-060 (DL)
*Digital NIST Temperature Measuring System Serial.....# 191 959 029 (DL)



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.: 01020 Calib. Date: 12/08/2020 Calib. No.: 00042
Certification File No.: 01021 Cert. Date: 12/08/2020 Cert. No.: 00035
Linearity File No.: 01006 Lin. Date: 06/30/2020 Lin. No.: 00034
Solution File No.: 01019 Soln. Date: 12/01/2020 Soln. No.: 00275
Sequential File No.: 01021 File Date: 12/08/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 10/14/2021
Solution Control Lot: 19270 Bottle No.: 0798

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:44S		
Control 1 EC	0.099%	08:44S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:44S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:45S		
Control 2 EC	0.098%	08:46S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:46S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:46S		
Control 3 EC	0.099%	08:47S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:48S		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: _____

Tpr I [Signature] 7045

Badge No.: 7045

Date: 12/08/2020

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.:	01020	Calib. Date:	12/08/2020
Certification File No.:	01021	Cert. Date:	12/08/2020
Linearity File No.:	01022	Lin. Date:	12/08/2020
Solution File No.:	01019	Soln. Date:	12/01/2020
Sequential File No.:	01022	File Date:	12/08/2020
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDSC S3-0001
Solution Control Lot:	19310	Expires:	11/04/2021
		Bottle No.:	1434
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDXC S3-0020
Solution Control Lot:	19320	Expires:	11/11/2021
		Bottle No.:	0452
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDMK S3-0008
Solution Control Lot:	19360	Expires:	12/02/2021
		Bottle No.:	1087

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:01S		
Control 1 EC	0.042%	09:01S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	09:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:03S		
Control 2 EC	0.041%	09:04S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	09:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:05S		
Control 3 EC	0.082%	09:06S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:07S		
Control 4 EC	0.082%	09:08S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.082%	09:08S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:10S		
Control 5 EC	0.164%	09:10S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.162%	09:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:12S		
Control 6 EC	0.162%	09:13S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	09:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:14S		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: _____

Tpr J Lutz 7045

Badge No.: 7045

Date: 12/08/2020

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Dennis J. Lutz

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1962 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 January

TWO THOUSAND AND Nineteen

[Signature]
COLONEL
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2838 (Rev. 01/78)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Dennis J. Lutz

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1962 IN THE OPERATION OF THE Alcotest 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 1st DAY OF October

TWO THOUSAND AND Nine

[Signature]
SARGENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>2-3-11</u>	<u>OCPA</u>	<u>Wm Horn</u>
2. <u>1/29/13</u>	<u>OCPA</u>	<u>Adam Stankiewicz</u>
3. <u>11-23-15</u>	<u>GCPA</u>	<u>N. Goncalves</u>
4. <u>4/6/17</u>	<u>LAKELAND</u>	<u>Adam Stankiewicz</u>
5. <u>8/22/19</u>	<u>NJSP Gallegos</u>	<u>Bull</u>
6.		
7.		
8.		
9.		

S.P. 2838 (Rev. 07/07)



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 Safety, Inc.

ANALYSIS DATE: 11/14/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19310

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 November 04, 2021.

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.

Handwritten signature of Michael Kennedy

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15 day of November, 2019.

Handwritten signature of Notary Karen E. Stahl

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110622
My Commission Expires 8/13/2024



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State of New Jersey

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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 Safety, Inc.

ANALYSIS DATE: 11/20/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0971 to 0.0985 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 November 11, 2021.

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 21 day of November, 2019.

Notary

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



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State of New Jersey

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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 Safety, Inc.

ANALYSIS DATE: 10/21/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19270

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 0.1232 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 14, 2021.

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 October, 2019.

[Signature]
Notary

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



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State of New Jersey

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
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: 12/11/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1956 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 December 02, 2021.

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 18 day of December, 2019.

Notary

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



An Internationally Accredited Agency

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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:

DDSCS3-0001

Certification Date:

6-2-20

Technician:

MAB

Re-Certification Due Date:

6-2-21

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(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:

DDXCS3-0020

Certification Date:

6-2-20

Technician:

MAB

Re-Certification Due Date:

6-2-21

Dräger

Simulator

CERTIFICATE OF ACCURACY

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(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:

DDMK153-0008

Certification Date:

6-2-20

Technician:

MB

Re-Certification Due Date:

6-2-21

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDEEP2-060

Certification Date:

6-3-20

Next Certification Due:

6-3-21

Probe Value:

106

Dräger, Inc.

MB

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
 Location: MERCHANTVILLE POLICE
 Calibration File No.: 01020 Calib. Date: 12/08/2020 Calib. No.: 00042
 Certification File No.: 01021 Cert. Date: 12/08/2020 Cert. No.: 00035
 Linearity File No.: 01022 Lin. Date: 12/08/2020 Lin. No.: 00035
 Solution File No.: 01023 Soln. Date: 12/08/2020 Soln. No.: 00276
 Sequential File No.: 01023 File Date: 12/08/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
 Control Solution %: 0.100% Expires: 09/09/2021
 Solution Control Lot: 19240 Bottle No.: 1320

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:24S		
Control 1 EC	0.098%	10:24S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	10:24S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:25S		
Control 2 EC	0.098%	10:26S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:26S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:27S		
Control 3 EC	0.098%	10:27S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:27S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:28S		

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: DDUJ P2-168 (DL)

Changed By:

Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpr I [Signature] 7045 Badge No.: 7045
 Date: 12/08/2020



State of New Jersey

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Governor

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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 Safety, Inc.

ANALYSIS DATE: 09/19/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1209 to 0.1240 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 September 09, 2021.

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 26 day of September, 2019.

Notary

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