

ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser. #: ARUM-0073

County: CAMDEN Date of Calibration: 09-02-2021

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 S3-0011
3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDWT P2-168
4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 200357842
5. **NIST - Traceable Digital Thermometer Readings.**
6.
 - A. Alcotest 7110 Calibration Record
 - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
 - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
 - D. **Alcotest Card** of operator/coordinator who performed tests.
 - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
Ser. #: DDXK P2-390
7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
 - A. 0.04% Solution. 19310
 - B. 0.08% Solution. 19320
 - C. 0.10% Solution. 19280
 - 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. DDCB-0001
 - B. 0.08% used in Calibration/Linearity Testing. DDCB-0002
 - C. 0.10% used in Calibration/Linearity Testing.
[Same as CU34 unit on instrument.]
 - D. 0.16% used in Calibration/Linearity Testing. DDBN-0007
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.

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-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48354, 49 FR 48364, and 68 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

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:

DDWAS3-0011

Certification Date:

Technician:

Re-Certification Due Date:

5.11.21

[Signature]

5.11.22

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

DDUJP2-168

5.11.21

5.11.22

Probe Value:

101

Draeger, Inc.

[Signature]



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



Cert. No.: 4000-11349796

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: 200357842 Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Lists various thermistor modules, temperature calibration baths, and probes with their respective serial numbers and due dates.

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 15 Jun 2020 Cal Due Date: 15 Jun 2022
Test Conditions: 52.44%RH 23.46°C 1018mBar

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 data for 0°C, 25°C, 50°C, and 100°C.

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;

Handwritten signature of Nicol Rodriguez, Quality Manager

Handwritten signature of Marisa Sims, 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 17025:2005 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-01805-2005-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-11349796

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 : 15 Jun 2020

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 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
 Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-HOU-ANAB.
 International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

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

Coordinator:

Sgt. Brian M. Gambone
Name

7029
Badge No.

Location:

Merchantville Police
Agency

ARUM-0073
Alcotest Serial No.

Equipment:

200357842
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%	DDCB-0001	12:13 D	13:26 D	33.9°C
0.08%	DDCB-0002	12:13 D	13:28 D	33.9°C
0.10%	DDWA 53-0011	12:13 D	13:29 D	33.9°C
0.16%	DDBN-0007	12:13 D	13:31 D	33.9°C

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

Sgt. Brian M. Gambone #7029
Coordinator's Signature

09/02/2021
Date

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 01047 Calib. Date: 09/02/2021 Calib. No.: 00044
Certification File No.: 01035 Cert. Date: 04/19/2021 Cert. No.: 00036
Linearity File No.: 01036 Lin. Date: 04/19/2021 Lin. No.: 00036
Solution File No.: 01045 Soln. Date: 08/09/2021 Soln. No.: 00289
Sequential File No.: 01047 File Date: 09/02/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 10/16/2021
Solution Control Lot: 19280 Bottle No.: 0892

Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M
Signature: Sgt. Brian M Gambone 7029 Badge No.: 7029
Date: 09/02/2021

*Black Key Temperature Probe Serial.....# DDXKP2-390 (DMG)
*Digital NIST Temperature Measuring System Serial.....# 200357842 (DMG)

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.: 01047 Calib. Date: 09/02/2021 Calib. No.: 00044
Certification File No.: 01048 Cert. Date: 09/02/2021 Cert. No.: 00037
Linearity File No.: 01036 Lin. Date: 04/19/2021 Lin. No.: 00036
Solution File No.: 01045 Soln. Date: 08/09/2021 Soln. No.: 00289
Sequential File No.: 01048 File Date: 09/02/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 10/16/2021
Solution Control Lot: 19280 Bottle No.: 0892

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:54D		
Control 1 EC	0.099%	13:55D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:55D		
Control 2 EC	0.098%	13:56D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:56D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:57D		
Control 3 EC	0.099%	13:57D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:57D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:58D		

All tests within acceptable tolerance.

Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: Sgt. Brian Gambone #7029

Badge No.: 7029

Date: 09/02/2021

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.: 01047 Calib. Date: 09/02/2021 Calib. No.: 00044
Certification File No.: 01048 Cert. Date: 09/02/2021 Cert. No.: 00037
Linearity File No.: 01049 Lin. Date: 09/02/2021 Lin. No.: 00037
Solution File No.: 01045 Soln. Date: 08/09/2021 Soln. No.: 00289
Sequential File No.: 01049 File Date: 09/02/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0001
Control Solution %: 0.040% Expires: 11/04/2021
Solution Control Lot: 19310 Bottle No.: 0242

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002
Control Solution %: 0.080% Expires: 11/11/2021
Solution Control Lot: 19320 Bottle No.: 0972

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007
Control Solution %: 0.160% Expires: 12/02/2021
Solution Control Lot: 19360 Bottle No.: 0625

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:14D		
Control 1 EC	0.041%	14:15D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	14:15D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:16D		
Control 2 EC	0.040%	14:17D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	14:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:18D		
Control 3 EC	0.082%	14:19D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	14:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:20D		
Control 4 EC	0.082%	14:21D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	14:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:23D		
Control 5 EC	0.165%	14:23D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.163%	14:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:25D		
Control 6 EC	0.163%	14:26D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.163%	14:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:27D		

All tests within acceptable tolerance.

Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: Sgt. Brian M. Gambone #7029

Badge No.: 7029

Date: 09/02/2021

DEPARTMENT OF
Water and Public Safety
This is to certify that

Brian M. Gambone
 Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPELLED TO CONDUCT BREATH TESTS PURSUANT TO CHAPTER 143 OF THE LAWS OF 1984 IN THE OPERATION OF THE ALCOHOL TRIMMING-C

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

2018 TWO THOUSAND AND EIGHTEEN

[Signature]
 SQUAD LEADER
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
11/19/18	GCFA	Adam Standish
8/14/20	ACLL	Adam Standish
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2018 (Rev. 01/18)

DEPARTMENT OF
Water and Public Safety
This is to certify that

Brian M. Gambone
 New Jersey State Police

IS QUALIFIED AND COMPELLED TO CONDUCT BREATH TESTS PURSUANT TO CHAPTER 143 OF THE LAWS OF 1984 IN THE OPERATION OF THE ALCOHOL TRIMMING-C

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF July

2018 TWO THOUSAND AND EIGHTEEN

[Signature]
 SQUAD LEADER
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1/18/17	GCFA	Wm. Lewis
11/14/14	GCFA	Adam Standish
6/14/16	CMFA	Adam Standish
11/19/18	GCFA	Adam Standish
8/14/20	ACCC	Adam Standish
6.		
7.		
8.		
9.		

S.P. 2018 (Rev. 07/10)



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: Dräger 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 0.0486 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. 17:27-4.3, of approved breath test instruments (N.J.A.C. 17:27-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is November 08, 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
 Michael Kennedy
 Assistant Chief Forensic Scientist
 NJSP Office of Forensic Sciences

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

[Signature]
 Notary

KAREN E. STAHL
 NOTARY PUBLIC OF NEW JERSEY
 Commission # ED110522
 My Commission Expires 01/15/2024



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State of New Jersey
 OFFICE OF THE ATTORNEY GENERAL
 DEPARTMENT OF LAW AND PUBLIC SAFETY
 DIVISION OF STATE POLICE
 POST OFFICE BOX 7058
 WEST TRENTON, NJ 08628-0058
 (609) 882-2000

PHILIP D. MURPHY
Governor

SHARLA Y. OLIVER
Lt. Governor

GUREB 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 0.09394 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Dräger 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
 Michael Kennedy
 Assistant Chief Forensic Scientist
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of November, 2019.
[Signature]
 Notary

KAREN E. STAHL
 NOTARY PUBLIC OF NEW JERSEY
 Commission # 50140322
 My Commission Expires 01/21/2024



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State of New Jersey

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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

CURBIS 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: 10/25/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19280

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1223 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3; of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 16, 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.

Notary signature

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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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
0.160 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 # 80110522
My Commission Expires 8/18/2024



An Internationally Accredited Agency
New Jersey is An Equal Opportunity Employer
Prohibits on Racial Harassment and Retaliation



Dräger

Simulator

CERTIFICATE OF ACCURACY

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

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDCB-0001

Certification Date:

6.21.21

Technician:

AM

Re-Certification Due Date:

6.21.22

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDCB-0002

Certification Date:

6.21.21

Technician:

AM

Re-Certification Due Date:

6.21.22

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDBN-0007

Certification Date:

6.21.21

Technician:

AM

Re-Certification Due Date:

6.21.22

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:

DDXKP2-390

Certification Date:

6.21.21

Next Certification Due:

6.21.22

Probe Value:

106

Draeger, Inc.

AM

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 01047 **Calib. Date:** 09/02/2021 **Calib. No.:** 00044
Certification File No.: 01048 **Cert. Date:** 09/02/2021 **Cert. No.:** 00037
Linearity File No.: 01049 **Lin. Date:** 09/02/2021 **Lin. No.:** 00037
Solution File No.: 01050 **Soln. Date:** 09/02/2021 **Soln. No.:** 00290
Sequential File No.: 01050 **File Date:** 09/02/2021

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWA S3-0011
Control Solution %: 0.100% **Expires:** 03/17/2023
Solution Control Lot: 21090 **Bottle No.:** 0190

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:37D		
Control 1 EC	0.103%	15:38D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:38D		
Control 2 EC	0.103%	15:39D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	15:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:40D		
Control 3 EC	0.103%	15:40D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	15:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:41D		

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 BMG

Changed By:

Last Name: GAMBONE First Name: BRIAN MI: M

Signature: Sgt. BMG 7029 Badge No.: 7029 Date: 09/02/2021



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. ODYER
Lt. Governor

GURDIR S. GILLWAL
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

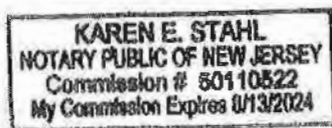
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1227 grams per 100 milliliters of solution.

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



An Internationally Accredited Agency

New Jersey's First Equal Opportunity Employer
Personnel & Employment Practices Unit

