

# ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser. #: ARUM-0073

County: BURLINGTON Date of Calibration: 01-30-2020

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. #: DDWA 53-0011
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. #: 191957498
5. **NIST - Traceable Digital Thermometer Readings.**
6.
  - A. Alcotest 7110 Calibration Record
  - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
  - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
  - D. **Alcotest Card** of operator/coordinator who performed tests.
  - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDXK P2-390
7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>18240</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>18250</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>18210</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>18260</u>
8. **Certificate of Accuracy Alcotest CU34 Simulators** from Draeger Safety  
 D. 0.16% Solution. 18260
8. **Certificate of Accuracy Alcotest CU34 Simulators** from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

<input checked="" type="checkbox"/> A.	0.04% used in Calibration/Linearity Testing.	<u>DDCB-0001</u>
<input checked="" type="checkbox"/> B.	0.08% used in Calibration/Linearity Testing.	<u>DDCB-0002</u>
<input checked="" type="checkbox"/> C.	0.10% used in Calibration/Linearity Testing. [Same as CU34 unit on instrument.]	
<input checked="" type="checkbox"/> D.	0.16% used in Calibration/Linearity Testing.	<u>DDBN-0007</u>
9.
  - A. New Standard Solution Report following Calibration.
  - B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
  - C. Certificate of Analysis 0.10% solution for same.  
Lot #: 18090
  - D. Alcotest 7110 Calibration Record

**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 MKII-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

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)  
Dräger, Inc.

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

Serial Number:

DDWAS3-0011

Certification Date:

12.19.19

Technician:

M.B.

Re-Certification Due Date:

12.19.20

**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:

DDUJ P2-168

Certification Date:

12.19.19

Next Certification Due:

12.19.20

Probe Value:

99

Dräger, Inc.

M.B. / M.B.



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



Cert. No.: 4000-10176225

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601, S/N: 191957498, Manufacturer: Control Company

Standards/Equipment:

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

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 13 Feb 2019 Cal Due Date: 13 Feb 2021 Test Conditions: 37.61%RH 23.29°C 1026mBar

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 four 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. 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= 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

Allen Aulice, Technical Manager

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 12564 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-01805-2008-AQ-HOU-REA. International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10176223

**Traceable® Certificate of Calibration for Digital Thermometer**

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**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 (AZLA) American Association for Laboratory Accreditation, Certificate No. 1750-01.  
 Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-PCU-RoA.  
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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

**Coordinator:**

TPR. I Brian M. Gambone  
Name

7029  
Badge No.

**Location:**

Merchantville Police  
Agency

ARUM-0073.  
Alcotest Serial No.

**Equipment:**

191957498  
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	11:33 s	12:34 s	33.9°C
0.08%	DDCB-0002	11:33 s	12:35 s	34.0°C
0.10%	DDWA 53-0011	11:33 s	12:36 s	33.9°C
0.16%	DDBN-0007	11:33 s	12:37 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 Brian M. Gambone #7029  
Coordinator's Signature

1/30/2020  
Date

# Alcotest 7110 Calibration Record

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARUM-0073  
Location: MERCHANTVILLE POLICE  
Calibration File No.: 00995 Calib. Date: 01/30/2020 Calib. No.: 00040  
Certification File No.: 00974 Cert. Date: 08/29/2019 Cert. No.: 00032  
Linearity File No.: 00975 Lin. Date: 08/29/2019 Lin. No.: 00032  
Solution File No.: 00994 Soln. Date: 01/08/2020 Soln. No.: 00263  
Sequential File No.: 00995 File Date: 01/30/2020

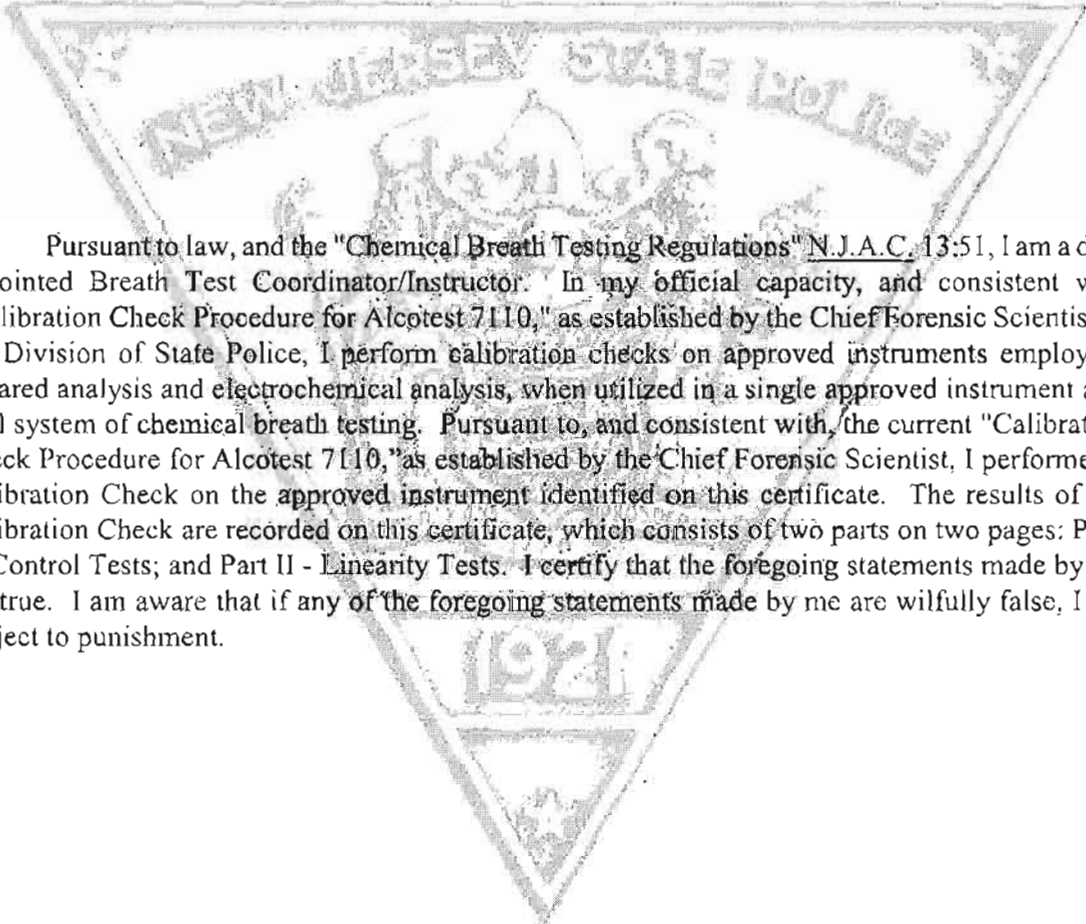
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011  
Control Solution %: 0.100% Expires: 07/17/2020  
Solution Control Lot: 18210 Bottle No.: 0819

## Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M  
Signature: T.P.A. I B.M. # 7029 Badge No.: 7029  
Date: 01/30/2020

\*Black Key Temperature Probe Serial.....# DDXK P2-390 **BMG**

\*Digital NIST Temperature Measuring System Serial.....# 191957498 **BMG**



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.: 00995 Calib. Date: 01/30/2020 Calib. No.: 00040  
Certification File No.: 00996 Cert. Date: 01/30/2020 Cert. No.: 00033  
Linearity File No.: 00975 Lin. Date: 08/29/2019 Lin. No.: 00032  
Solution File No.: 00994 Soln. Date: 01/08/2020 Soln. No.: 00263  
Sequential File No.: 00996 File Date: 01/30/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011  
Control Solution %: 0.100% Expires: 07/17/2020  
Solution Control Lot: 18210 Bottle No.: 0819

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:44S		
Control 1 EC	0.099%	12:45S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:45S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:45S		
Control 2 EC	0.099%	12:46S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:46S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:47S		
Control 3 EC	0.099%	12:47S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:48S		

All tests within acceptable tolerance.

### Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Badge No.: 7029

Signature: TPA. I B. M # 7029

Date: 01/30/2020

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.: 00995 Calib. Date: 01/30/2020 Calib. No.: 00040  
Certification File No.: 00996 Cert. Date: 01/30/2020 Cert. No.: 00033  
Linearity File No.: 00997 Lin. Date: 01/30/2020 Lin. No.: 00033  
Solution File No.: 00994 Soln. Date: 01/08/2020 Soln. No.: 00263  
Sequential File No.: 00997 File Date: 01/30/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0001  
Control Solution %: 0.040% Expires: 07/31/2020  
Solution Control Lot: 18240 Bottle No.: 0646

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002  
Control Solution %: 0.080% Expires: 08/06/2020  
Solution Control Lot: 18250 Bottle No.: 0298

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007  
Control Solution %: 0.160% Expires: 08/21/2020  
Solution Control Lot: 18260 Bottle No.: 1193

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:58S		
Control 1 EC	0.041%	12:59S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:59S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01S		
Control 2 EC	0.041%	13:01S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:01S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:03S		
Control 3 EC	0.082%	13:03S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.082%	13:03S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:05S		
Control 4 EC	0.082%	13:06S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:06S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:07S		
Control 5 EC	0.162%	13:08S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:08S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09S		
Control 6 EC	0.160%	13:10S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:10S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12S		

All tests within acceptable tolerance.

### Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPA-I Brian Gambone #7029

Badge No.: 7029

Date: 01/30/2020

DEPARTMENT OF  
**Traffic and Public Safety**  
*Works to be certified Dept*

**Brian M. Gambone**

**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMMITTED TO COMPLETE COURSE IN ACCORDANCE WITH REGULATORY REQUIREMENTS SET BY  
 THE LAWS OF THE STATE OF NEW YORK AND THE DEPARTMENT OF TRANSPORTATION AND TO OBTAIN THE NEW  
 YORK STATE POLICE BREATH TEST COORDINATOR/INSTRUCTOR LICENSE 3116 MMTL-C  
 A METHOD TO DESCRIBE QUALIFICATION  
 DEVELOPMENT/ISSUED AT ORSON, NEW YORK THIS 21st DAY OF October

*[Signature]*  
 COLONEL  
 NEW YORK STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW YORK

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
11/19/18	GCFA	Adam Stanku
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2008 (Rev. 01/14)

DEPARTMENT OF  
**Traffic and Public Safety**  
*Works to be certified Dept*

**Brian M. Gambone**  
 New York State Police

IS QUALIFIED AND COMMITTED TO COMPLETE COURSE IN ACCORDANCE WITH REGULATORY REQUIREMENTS SET BY THE NEW  
 YORK STATE POLICE BREATH TEST COORDINATOR/INSTRUCTOR LICENSE 3116 MMTL-C  
 A METHOD TO DESCRIBE QUALIFICATION  
 DEVELOPMENT/ISSUED AT ORSON, NEW YORK THIS 1st DAY OF July

*[Signature]*  
 COLONEL  
 NEW YORK STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW YORK

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1/28/12	GCFA	Wm Linn
11/4/14	GCFA	Adam Stanku
6/14/16	CMFA	Adam Stanku
11/19/18	GCFA	Adam Stanku
5.		
6.		
7.		
8.		
9.		

S.P. 2008 (Rev. 01/14)



State of New Jersey

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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

CURRER 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: 08/28/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18240

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. 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 31, 2020.

As Research 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 Ali M. Alsaoude]

Ali M. Alsaoude, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 29th day of August, 2018.

[Handwritten signature of Notary]
Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2062180
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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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

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: 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 06, 2020.

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 14th day of September, 2018.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2062100
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.10 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: 07/31/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18210

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 0.1226 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 17, 2020.

As Research 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]

Ali M. Alaouti, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 1st day of August, 2018.

Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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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 Safety, Inc.

ANALYSIS DATE: 09/13/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 to 0.1964 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 21, 2020.

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 18th day of September, 2018.
Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

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

Serial Number:

DDCB-0001

Certification Date:

5-30-19

Technician:

BS

Re-Certification Due Date:

5-30-20

**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:

7-18-19

Technician:

BS

Re-Certification Due Date:

7-18-20

**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:

DDBN-0007

Certification Date:  
7-18-19

Technician:  
BS

Re-Certification Due Date:  
7-18-20

**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:  
7-18-19

Next Certification Due:  
7-18-20

Probe Value:  
104

Dräger, Inc. BS







State of New Jersey

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

PHILIP D. MURPHY
Governor

SHILIA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.10 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: 04/04/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 to 0.1228 grams per 100 milliliters of solution.

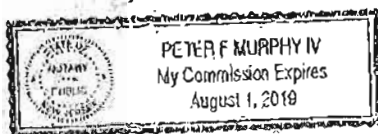
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 13, 2020.

As Research 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.

Signature of Ali M. Alaouie, Ph.D.
Ali M. Alaouie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of April, 2018.

Notary



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