

# ALCOTEST CHECKLIST

Municipality: STRAITFORD

Alcotest Ser. #: ARNK-0039

County: CAMDEN

Date of Calibration: 03-12-2020

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. #: DDUL 53-0163

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDUJ P2-030

4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 191 957 498

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:

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 #: 19150  
 D. Alcotest card of operator/coordinator who completed change

**Dräger**

**Alcotest® 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKIII-C 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" EST 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 Specifications.

Certification Date:

1-19-17

SERIAL NUMBER:

ARKSK-0039

Draeger Safety Diagnostics, 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 (Acosim)
- Other: \_\_\_\_\_

Serial Number:

DDU253-0163

Certification Date:

8-16-19

Technician:

BS

Re-Certification Due Date:

8-16-20

**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:

DDU2P2-030

Certification Date:

8-16-19

Next Certification Due:

8-16-20

Probe Value:

97

Dräger, Inc.

BS



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



Cert. No.: 4000-10176223

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: 191957498 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5384	20 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5287	28 Jan 2020	B9124036

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)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.001	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.002	99.999	Y	99.952	100.052	0.0087	>4:1

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

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

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

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Kevin Jones*

Kevin Jones, 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 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-01805-2008-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.: 4000-10176223

**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 (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 Brian M. Gambone  
Name

7029  
Badge No.

**Location:**

Stratford Police Dept.  
Agency

ARNK-0039  
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	07:14 D (86)	08:15 D (86)	34.0°C
0.08%	DDCB-0002	07:14 D (86)	08:16 D (86)	34.0°C
0.10%	DDUL 53-0163	07:14 D (86)	08:17 D (86)	34.0°C
0.16%	DDBN-0007	07:14 D (86)	08:18 D (86)	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

3/12/2020  
Date

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: STRATFORD POLICE DEPT.  
Serial No.: ARNK-0039  
Calibration File No.: 02824  
Calib. Date: 03/12/2020  
Calib. No.: 00043  
Certification File No.: 02773  
Cert. Date: 10/07/2019  
Cert. No.: 00032  
Linearity File No.: 02774  
Lin. Date: 10/07/2019  
Lin. No.: 00031  
Solution File No.: 02819  
Soln. Date: 02/15/2020  
Soln. No.: 00322  
Sequential File No.: 02824  
File Date: 03/12/2020

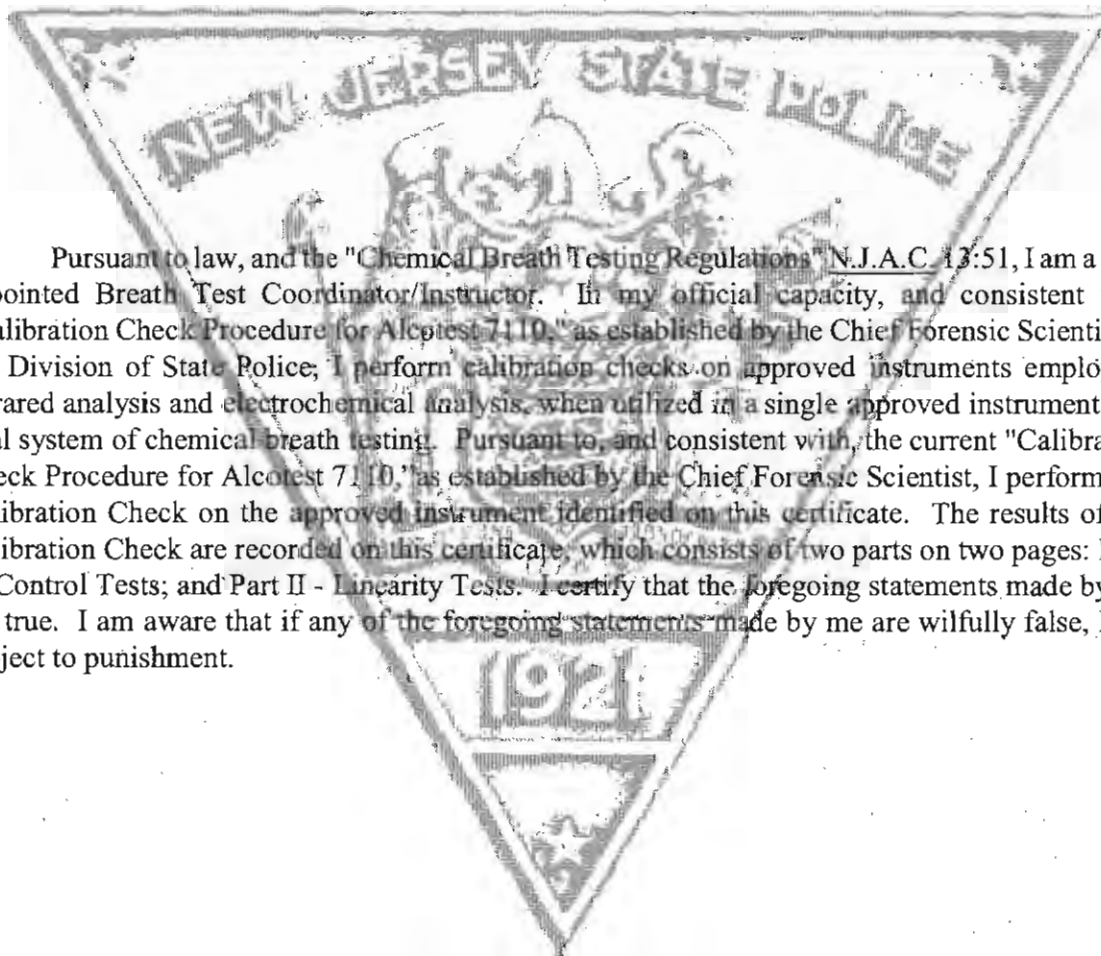
Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 18210  
Model No.: CU-34  
Serial No.: DDUL S3-0163  
Expires: 07/17/2020  
Bottle No.: 0268

## Coordinator

Last Name: GAMBONE  
First Name: BRIAN  
MI: M  
Signature: TPR. I B. M. #7029  
Badge No.: 7029  
Date: 03/12/2020

\*Black Key Temperature Probe Serial.....# DDXKP2-390 (BMG)

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



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:51, 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  
 Location: STRATFORD POLICE DEPT.  
 Calibration File No.: 02824  
 Certification File No.: 02825  
 Linearity File No.: 02774  
 Solution File No.: 02819  
 Sequential File No.: 02825

Serial No.: ARNK-0039

Calib. Date: 03/12/2020    Calib. No.: 00043  
 Cert. Date: 03/12/2020    Cert. No.: 00033  
 Lin. Date: 10/07/2019    Lin. No.: 00031  
 Soln. Date: 02/15/2020    Soln. No.: 00322  
 File Date: 03/12/2020

Calibrating Unit: WET  
 Control Solution %: 0.100%  
 Solution Control Lot: 18210

Model No.: CU-34

Serial No.: DDUL S3-0163  
 Expires: 07/17/2020  
 Bottle No.: 0268

Function	Result	Time	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:26S	08:26 D (86)	
Control 1 EC	0.100%	07:26S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	07:26S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:27S		
Control 2 EC	0.099%	07:28S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	07:28S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:29S		
Control 3 EC	0.099%	07:29S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	07:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:30S	08:30 D (86)	

All tests within acceptable tolerance.

**Coordinator**

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPR. I B Gambone

Badge No.: 7029

Date: 03/12/2020

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARNK-0039
Location:	STRATFORD POLICE DEPT.	
Calibration File No.:	02824	Calib. Date: 03/12/2020
Certification File No.:	02825	Calib. No.: 00043
Linearity File No.:	02826	Cert. Date: 03/12/2020
Solution File No.:	02819	Cert. No.: 00033
Sequential File No.:	02826	Lin. Date: 03/12/2020
		Lin. No.: 00032
		Soln. Date: 02/15/2020
		Soln. No.: 00322
		File Date: 03/12/2020

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.:	0647

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.:	0354

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.:	1249

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:59S	08:59 D (86)	
Control 1 EC	0.041%	08:00S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.041%	08:00S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:02S		
Control 2 EC	0.041%	08:02S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	08:02S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:04S		
Control 3 EC	0.082%	08:05S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	08:05S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:06S		
Control 4 EC	0.080%	08:07S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	08:07S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:08S		
Control 5 EC	0.160%	08:09S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	08:09S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:11S		
Control 6 EC	0.158%	08:11S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	08:11S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:13S	09:13 D (86)	

All tests within acceptable tolerance.

**Coordinator**

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPA. I [Signature] #7029

Badge No.: 7029

Date: 03/12/2020

DEPARTMENT OF  
**Traffic and Public Safety**  
 State is to certify that

**Brian M. Gambone**  
 Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION AND TRAINING COURSES TO COMPLY WITH  
 THE LAWS OF NEW YORK RELATING TO THE REGULATION OF THE OPERATION OF MOTOR VEHICLES AND  
 ALTERNATE TO THE REGULATION OF THE OPERATION OF MOTOR VEHICLES

CLASSIFICATION COURSE AT TEMPORAL NEW BRUNSWICK, NEW JERSEY DATE OF October

THE COURSE WAS HELD ON Eighteen

*[Signature]* *[Signature]*  
 CLERK OF THE BOARD OF EXAMINERS STATE OF NEW YORK

ORIGINAL COURSE DATES

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

S.P. 2038 (Rev. 01/15)

DEPARTMENT OF  
**Traffic and Public Safety**  
 State is to certify that

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

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION AND TRAINING COURSES TO COMPLY WITH  
 THE LAWS OF NEW YORK RELATING TO THE REGULATION OF THE OPERATION OF MOTOR VEHICLES AND  
 ALTERNATE TO THE REGULATION OF THE OPERATION OF MOTOR VEHICLES

CLASSIFICATION COURSE AT TEMPORAL NEW BRUNSWICK, NEW JERSEY DATE OF July

THE COURSE WAS HELD ON Ten

*[Signature]* *[Signature]*  
 CLERK OF THE BOARD OF EXAMINERS STATE OF NEW YORK

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1/28/17	CCPA	Wm Linn
11/4/14	GCFA	Adam Stember
6/14/16	CCPA	Adam Stember
11/19/18	GCFA	Adam Stember
6.		
7.		
8.		
9.		

S.P. 2038 (Rev. 03/10)



State of New Jersey

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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger 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. Alaoui]

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

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

[Handwritten signature of Mary Elizabeth McLaughlin]
Notary

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



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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
0.080 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 4th day of September, 2018.

Mary Elizabeth McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

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



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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
0.10 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 of Ali M. Alaoui]

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

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

[Handwritten signature of Mary Elizabeth McLaughlin]
Notary
MARY ELIZABETH MCLAUGHLIN

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



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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 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
0.160 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 16th day of September, 2018.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
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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)  
Draeger, 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)  
Draeger, 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)  
Draeger, 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 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

Draeger, Inc.

BS







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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: 06/20/2019

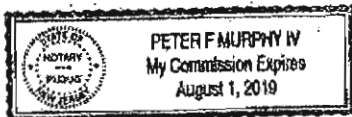
BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19150

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1196 to 0.1212 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 10, 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 26th day of June, 2019.

Notary



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