

# ALCOTEST CHECKLIST

Municipality: FRANKLIN TWP. Alcotest Ser.#: ARXB-0074

County: GLoucester Date of Calibration: 06-23-2020

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. #: DDBJ-0006

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWJ P2-088

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. #: DDLH P1-0079

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

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>19310</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>19320</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>19270</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>19360</u>

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. DDAE-0016  
 B. 0.08% used in Calibration/Linearity Testing. DDMK 53-0003  
 C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]  
 D. 0.16% used in Calibration/Linearity Testing. DDYA 53-0004

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.

**U.S. Army**

**Alentest 7110 MKII-C**

**CERTIFICATE OF ACCURACY**

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**Operation Date**

11-21-70

**Serial Number**

ARXO-0074

**Inspected by**

PC

# 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:

DDBJ-0006

Certification Date:

4.20.20

Technician:

ORA

Re-Certification Due Date:

4.20.21

# Dräger

## Alcotest 7110 Temperature Probe

### CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications.

For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDWJP2-088

Certification Date:

4.20.20

Next Certification Due:

4.20.21

Probe Value:

105

Dräger, Inc.

[Signature]



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	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	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; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Asen Jelic*

Asen Jelic, 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-01805-2006-AQ-HOU-RvA.  
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10176223

**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-01805-2006-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:**

Franklin Township P.D.  
Agency

ARXB-0074  
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%	DDAE-0016	07:52 D	08:53 D	34.0°C
0.08%	DDMK 53-0003	07:52 D	08:54 D	34.0°C
0.10%	DDBJ-0006	07:52 D	08:55 D	34.0°C
0.16%	DDYA 53-0004	07:52 D	08:56 D	34.0°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 B M #7029  
Coordinator's Signature

6/23/2020  
Date

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Serial No.: ARXB-0074  
Location: FRANKLIN TOWNSHIP P.D.  
Calibration File No.: 00497 Calib. Date: 06/23/2020 Calib. No.: 00033  
Certification File No.: 00484 Cert. Date: 01/22/2020 Cert. No.: 00026  
Linearity File No.: 00485 Lin. Date: 01/22/2020 Lin. No.: 00026  
Solution File No.: 00496 Soln. Date: 05/31/2020 Soln. No.: 00159  
Sequential File No.: 00497 File Date: 06/23/2020

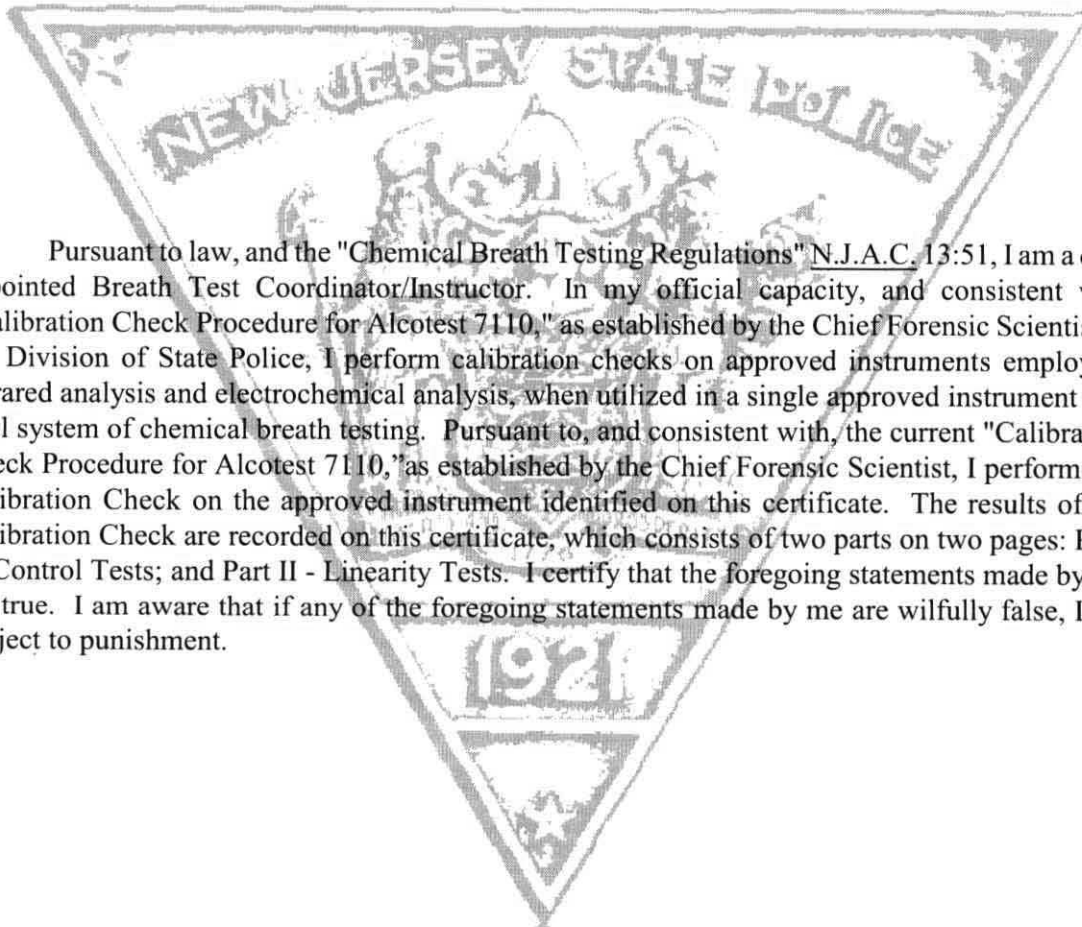
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBJ-0006  
Control Solution %: 0.100% Expires: 10/14/2021  
Solution Control Lot: 19270 Bottle No.: 0041

## Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M  
Signature: TPR. I B m #7029 Badge No.: 7029  
Date: 06/23/2020

\*Black Key Temperature Probe Serial.....# DDLHP1-0079 (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  
Location: FRANKLIN TOWNSHIP P.D. Serial No.: ARXB-0074  
Calibration File No.: 00497 Calib. Date: 06/23/2020 Calib. No.: 00033  
Certification File No.: 00498 Cert. Date: 06/23/2020 Cert. No.: 00027  
Linearity File No.: 00485 Lin. Date: 01/22/2020 Lin. No.: 00026  
Solution File No.: 00496 Soln. Date: 05/31/2020 Soln. No.: 00159  
Sequential File No.: 00498 File Date: 06/23/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBJ-0006  
Control Solution %: 0.100% Expires: 10/14/2021  
Solution Control Lot: 19270 Bottle No.: 0041

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:05D		
Control 1 EC	0.099%	09:06D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:06D		
Control 2 EC	0.099%	09:07D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:08D		
Control 3 EC	0.098%	09:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPR. I. Gambone

Badge No.: 7029

Date: 06/23/2020

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  
Location: FRANKLIN TOWNSHIP P.D.  
Serial No.: ARXB-0074  
Calibration File No.: 00497 Calib. Date: 06/23/2020 Calib. No.: 00033  
Certification File No.: 00498 Cert. Date: 06/23/2020 Cert. No.: 00027  
Linearity File No.: 00499 Lin. Date: 06/23/2020 Lin. No.: 00027  
Solution File No.: 00496 Soln. Date: 05/31/2020 Soln. No.: 00159  
Sequential File No.: 00499 File Date: 06/23/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0016  
Control Solution %: 0.040% Expires: 11/04/2021  
Solution Control Lot: 19310 Bottle No.: 1326

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0003  
Control Solution %: 0.080% Expires: 11/11/2021  
Solution Control Lot: 19320 Bottle No.: 0218

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDYA S3-0004  
Control Solution %: 0.160% Expires: 12/02/2021  
Solution Control Lot: 19360 Bottle No.: 1370

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:35D		
Control 1 EC	0.041%	09:36D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:37D		
Control 2 EC	0.041%	09:38D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39D		
Control 3 EC	0.081%	09:40D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:42D		
Control 4 EC	0.081%	09:42D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	09:42D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:44D		
Control 5 EC	0.161%	09:44D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.162%	09:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46D		
Control 6 EC	0.159%	09:46D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	09:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:48D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPR. I *Brian M* #7029

Badge No.: 7029

Date: 06/23/2020

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

**Brian M. Gambone**

**Breath Test Coordinator/Instructor**

IS QUALIFIED AND CAPABLE TO CONDUCT COURSE IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 46 OF  
THE LAWS OF 1964 IN THE OPERATION OF THE ALCOHOL 7110 MKIII-C  
A METHOD TO DETERMINE BLOOD ALCOHOL  
CONTENT UNDERMAY BEAD AT TUNSON, NEW JERSEY THIS 26 DAY OF October

TWO THOUSAND AND Eighteen

*[Signature]*  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2828 (Rev. 8/11)

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

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

IS QUALIFIED AND CAPABLE TO CONDUCT COURSE IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 46 OF  
THE LAWS OF 1964 IN THE OPERATION OF THE ALCOHOL 7110 MKIII-C  
A METHOD TO DETERMINE BLOOD ALCOHOL  
CONTENT UNDERMAY BEAD AT TUNSON, NEW JERSEY THIS 26 DAY OF July

TWO THOUSAND AND Ten

*[Signature]*  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1/28/17	CCPA	Wm. Linn
11/4/14	CCPA	Adam Stender
6/4/16	CCPA	Adam Stender
11/19/18	GCFA	Adam Stender
5		
6		
7		
8		
9		

S.P. 2828 (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
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(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 11/14/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19310

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0485 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable-standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath-alcohol simulator solution is November 04, 2021.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

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

Notary

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



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*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:** 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 # 50110522  
 My Commission Expires 8/13/2024



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State of New Jersey

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/21/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1232 grams per 100 milliliters of solution.

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

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of October, 2019.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110622
My Commission Expires 8/13/2024



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Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 12/11/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1956 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is December 02, 2021.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18 day of December, 2019.
Notary

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



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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:

DDAE - 0016

Certification Date:

3.10.20

Technician:

Om

Re-Certification Due Date:

3.10.21

**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:

DDMK53-0003

Certification Date:

3.9.20

Technician:

Om

Re-Certification Due Date:

3.9.21

**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:

DDYAS3-0004

Certification Date:

3.10.20

Technician:

DA

Re-Certification Due Date:

3.10.21

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

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

Serial Number Temp Probe:

DDLHPI-0079

Certification Date:

3.11.20

Next Certification Due:

3.11.21

Probe Value:

106

Dräger, Inc.

[Signature]



# Calibrating Unit New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXB-0074  
Location: FRANKLIN TOWNSHIP P.D.  
Calibration File No.: 00497 Calib. Date: 06/23/2020 Calib. No.: 00033  
Certification File No.: 00498 Cert. Date: 06/23/2020 Cert. No.: 00027  
Linearity File No.: 00499 Lin. Date: 06/23/2020 Lin. No.: 00027  
Solution File No.: 00500 Soln. Date: 06/23/2020 Soln. No.: 00160  
Sequential File No.: 00500 File Date: 06/23/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBJ-0006  
Control Solution %: 0.100% Expires: 06/10/2021  
Solution Control Lot: 19150 Bottle No.: 0567

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:53D		
Control 1 EC	0.099%	10:53D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:54D		
Control 2 EC	0.097%	10:55D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:55D		
Control 3 EC	0.097%	10:56D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:57D		

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: DDWJP2-088 

**Changed By:**

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPA. I BmM #7029

Badge No.: 7029

Date: 06/23/2020



# State of New Jersey

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*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

GURBIR S. GREWAL  
*Attorney General*

PATRICK J. CALLAHAN  
*Colonel*

## CERTIFICATION OF ANALYSIS 0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 06/20/2019

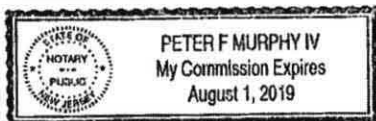
**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 19150

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 26<sup>th</sup> day of June, 2019.

Notary



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