

# ALCOTEST CHECKLIST

Municipality: FRANKLIN TWP. Alcotest Ser.#: ARWC-0071

County: GLouceSTER Date of Calibration: 10-04-2019

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. #: DDWH S3-0286

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWA P2-018

4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 191 959 028

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. #: DDL B P3-0079

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>18220</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. DDXD S3-0187  
 B. 0.08% used in Calibration/Linearity Testing. DDWF S3-0223  
 C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]  
 D. 0.16% used in Calibration/Linearity Testing. DDWF S3-0225

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 #: 19020  
 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" 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 Specifications.

Certification Date:

5-22-15

SERIAL NUMBER:

ARWC-0071

Dräger 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)  
Draeger, Inc.

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

Serial Number:

DDWHS3-0286

Certification Date:

8-14-19

Technician:

BS

Re-Certification Due Date:

8-14-20

**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:

DDWAP2-018

Certification Date:

8-9-19

Next Certification Due:

8-9-20

Probe Value:

102

Draeger, Inc.

BS



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



Cert. No.: 4000-10177847

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601, S/N: 191959028 Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Lists calibration standards and equipment 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: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Table with 10 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.

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

Nicol Rodriguez, Quality Manager

Aaron Justice, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

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

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

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



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



Cert. No.: 4000-10177847

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**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

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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:**

SFC WILLIAM M. CROSS  
Name

5342  
Badge No.

**Location:**

FRANKLIN TOWNSHIP P.D.  
Agency

ARWC-0071  
Alcotest Serial No.

**Equipment:**

191 959 028  
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%	DDXD S3-0187	07:08 D	08:10 D	34.0°c
0.08%	DDWF S3-0223	07:08 D	08:11 D	34.0°c
0.10%	DDWH S3-0286	07:08 D	08:12 D	34.0°c
0.16%	DDWF S3-0225	07:08 D	08:13 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.

SFC Will M. Cross #5342  
Coordinator's Signature

10-4-19  
Date

# Alcotest 7110 Calibration Record

## Equipment

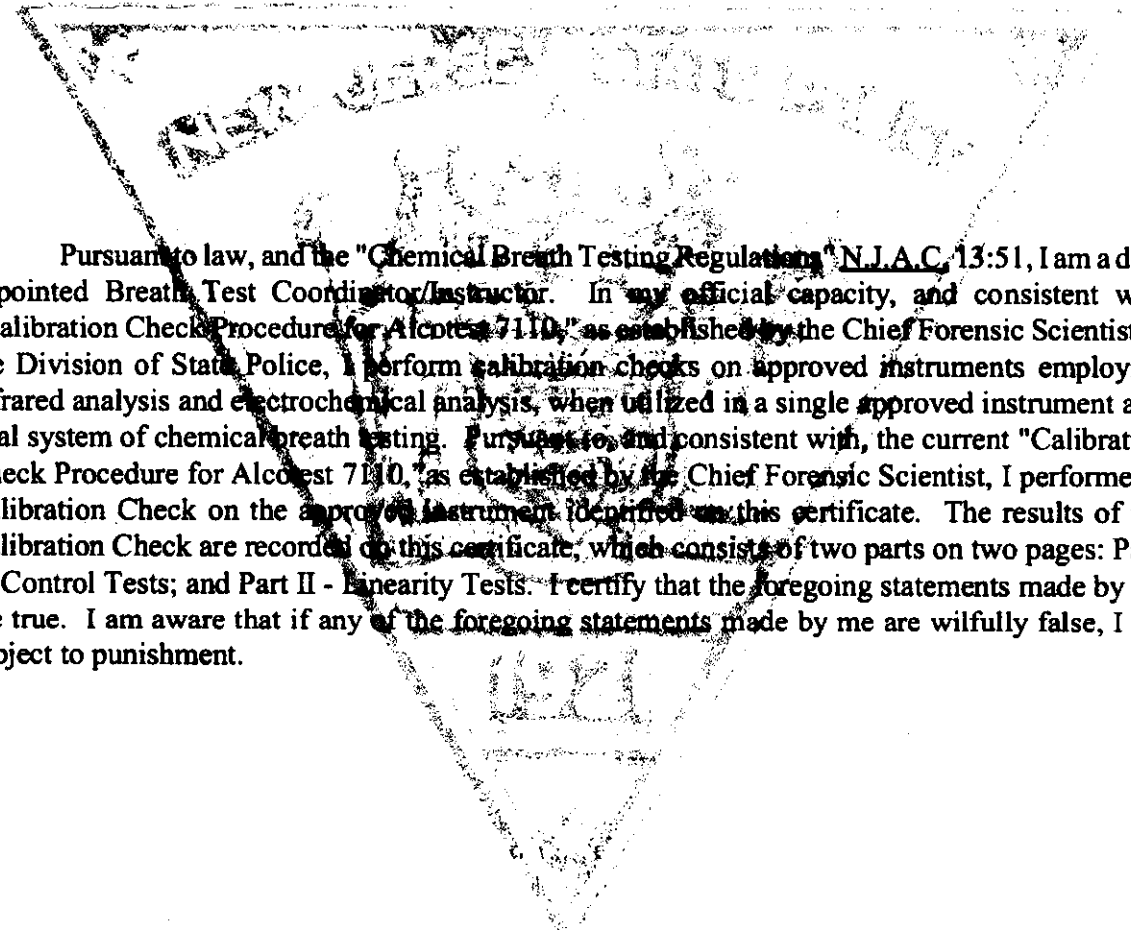
Alcotest 7110 MKIII-C  
Serial No.: ARWC-0071  
Location: FRANKLIN TOWNSHIP P.D.  
Calibration File No.: 00762 Calib. Date: 10/04/2019 Calib. No.: 00033  
Certification File No.: 00732 Cert. Date: 04/26/2019 Cert. No.: 00027  
Linearity File No.: 00733 Lin. Date: 04/26/2019 Lin. No.: 00027  
Solution File No.: 00761 Soln. Date: 09/30/2019 Soln. No.: 00208  
Sequential File No.: 00762 File Date: 10/04/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0286  
Control Solution %: 0.100% Expires: 07/23/2020  
Solution Control Lot: 18220 Bottle No.: 0542

## Coordinator

Last Name: CROSS First Name: WILLIAM MI: M  
Signature: SFC William P. Cross #5342 Badge No.: 5342  
Date: 10/04/2019

\*Black Key Temperature Probe Serial.....# DDLBP3-0079 (wmc)  
\*Digital NIST Temperature Measuring System Serial.....# 191 959 028 (wmc)



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.: ARWC-0071  
Location: FRANKLIN TOWNSHIP P.D.  
Calibration File No.: 00762 Calib. Date: 10/04/2019 Calib. No.: 00033  
Certification File No.: 00763 Cert. Date: 10/04/2019 Cert. No.: 00028  
Linearity File No.: 00733 Lin. Date: 04/26/2019 Lin. No.: 00027  
Solution File No.: 00761 Soln. Date: 09/30/2019 Soln. No.: 00208  
Sequential File No.: 00763 File Date: 10/04/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0286  
Control Solution %: 0.100% Expires: 07/23/2020  
Solution Control Lot: 18220 Bottle No.: 0542

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

All tests within acceptable tolerance.

### Coordinator

Last Name: CROSS

First Name: WILLIAM

MI: M

Signature: SFC William D. Cross #5342

Badge No.: 5342

Date: 10/04/2019

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.: ARWC-0071  
Location: FRANKLIN TOWNSHIP P.D.  
Calibration File No.: 00762 Calib. Date: 10/04/2019 Calib. No.: 00033  
Certification File No.: 00763 Cert. Date: 10/04/2019 Cert. No.: 00028  
Linearity File No.: 00764 Lin. Date: 10/04/2019 Lin. No.: 00028  
Solution File No.: 00761 Soln. Date: 09/30/2019 Soln. No.: 00208  
Sequential File No.: 00764 File Date: 10/04/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0187  
Control Solution %: 0.040% Expires: 07/31/2020  
Solution Control Lot: 18240 Bottle No.: 1345

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0223  
Control Solution %: 0.080% Expires: 08/06/2020  
Solution Control Lot: 18250 Bottle No.: 0810

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0225  
Control Solution %: 0.160% Expires: 08/21/2020  
Solution Control Lot: 18260 Bottle No.: 1009

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:49D		
Control 1 EC	0.041%	08:50D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	08:50D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:52D		
Control 2 EC	0.041%	08:52D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	08:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:53D		
Control 3 EC	0.079%	08:54D	33.8°C	*** TEST PASSED ***
Control 3 IR	0.078%	08:54D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56D		
Control 4 EC	0.080%	08:56D	33.8°C	*** TEST PASSED ***
Control 4 IR	0.079%	08:56D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:58D		
Control 5 EC	0.159%	08:59D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	08:59D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:00D		
Control 6 EC	0.159%	09:01D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:01D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:02D		

All tests within acceptable tolerance.

### Coordinator

Last Name: CROSS

First Name: WILLIAM

MI: M

Signature: SFC Will M. Cross #5342

Badge No.: 5342

Date: 10/04/2019

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

William M. Cross  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 3rd DAY OF February

TWO THOUSAND AND 05

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES \_\_\_\_\_

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	12-20-07	O.C.P.A.	F. Snyder
2.	8/24/09	OCPA	Adam Stankov
3.	11/28/11	GCPA	Adam Stankov
4.	11/14/13	GCPA	Adam Stankov
5.	11/24/15	GCPA	Adam Stankov
6.	9/28/17	GCPA	Adam Stankov
7.			
8.			
9.			

S.P. 293B (Rev. 12/04)

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

William M. Cross  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MK III-C A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 8th DAY OF September

TWO THOUSAND AND Eight

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES \_\_\_\_\_

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	12-20-07	Ocean Co. PA	Snyder
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 293B (Rev. 07/07)



**State of New Jersey**

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

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

GURBIR S. GREWAL  
*Attorney General*

PATRICK J. CALLAHAN  
*Colonel*

**CERTIFICATION OF ANALYSIS**  
**0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 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.

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

Sworn to and subscribed before me this 29<sup>th</sup> day of August, 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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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
0.080 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 (signature)

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 4th day of September, 2018.

Mary E. McLaughlin (signature)
Notary

MARY ELIZABETH MCLAUGHLIN

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



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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: 18220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 to 0.1233 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 23, 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, Ph.D.
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 Notary
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
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15th 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)  
Draeger, Inc.

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

Serial Number:

DDXDS3-0187

Certification Date:

Technician:

Re-Certification Due Date:

6-11-19

BS

6-11-20

**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:

DDWFS3-0223

Certification Date:

Technician:

Re-Certification Due Date:

6-12-19

BS

6-12-20



**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:

DDWF33-0225

Certification Date:

Technician:

Re-Certification Due Date:

6-11-19

BS

6-11-20

**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:

Certification Date:

Next Certification Due:

DDLBP3-0079

6-10-19

6-10-20

Probe Value:

100

Draeger, Inc.

BS

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWC-0071  
Location: FRANKLIN TOWNSHIP P.D.  
Calibration File No.: 00762 Calib. Date: 10/04/2019 Calib. No.: 00033  
Certification File No.: 00763 Cert. Date: 10/04/2019 Cert. No.: 00028  
Linearity File No.: 00764 Lin. Date: 10/04/2019 Lin. No.: 00028  
Solution File No.: 00765 Soln. Date: 10/04/2019 Soln. No.: 00209  
Sequential File No.: 00765 File Date: 10/04/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0286  
Control Solution %: 0.100% Expires: 01/08/2021  
Solution Control Lot: 19020 Bottle No.: 0780

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:17D		
Control 1 EC	0.099%	10:17D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		
Control 2 EC	0.099%	10:19D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:19D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:19D		
Control 3 EC	0.099%	10:20D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.098%	10:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:21D		

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: DDWAP2-018 (WMC)

### Changed By:

Last Name: CROSS

First Name: WILLIAM

MI: M

Signature: SFC WILLIAM M. CROSS #5342

Badge No.: 5342

Date: 10/04/2019



State of New Jersey

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DIVISION OF STATE POLICE
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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: 01/31/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19020

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1222 grams per 100 milliliters of solution.

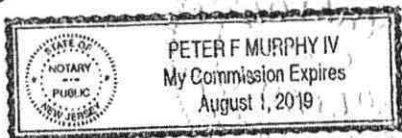
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is January 08, 2021.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 1st day of February, 2019.

Notary



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