

# ALCOTEST CHECKLIST

Municipality: LONGPORT

Alcotest Ser.#: ARXA-0067

County: ATLANTIC

Date of Calibration: 06-23-2021

- ☒ 1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.
- ☒ 2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.  
Ser. #: DDXC-53-0135
- ☒ 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWA P2-199
- ☒ 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 200357847
- ☒ 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. #: DDEE P2-081
- ☒ 7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - ☒ A. 0.04% Solution. 19310
  - ☒ B. 0.08% Solution. 19320
  - ☒ C. 0.10% Solution. 19280
  - ☒ D. 0.16% Solution. 19360
- ☒ 8. **Certificate of Accuracy Alcotest CU34 Simulators** from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
  - ☒ A. 0.04% used in Calibration/Linearity Testing. DDRF 53-0011
  - ☒ B. 0.08% used in Calibration/Linearity Testing. DDRK 53-0014
  - ☒ C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
  - ☒ D. 0.16% used in Calibration/Linearity Testing. DDWF 53-0216
- ☒ 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 #: 20390
  - ☒ 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 alcohol breath test devices. The Alcotest 7110-C is certified as a "mobile and nonmobile" EBT, with 40 CFR 43.334, 40 CFR 43.335 and 40 CFR 43.336. 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:

1-10-14

SERIAL NUMBER

ARX1A-00107

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)

Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDXCS3- 0135

Certification Date:

4.16.21

Technician:

am

Re-Certification Due Date:

4.16.22

# Dräger

## Alcotest 7110 Temperature Probe

### CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDWAP2-199

Certification Date:

4.16.21

Next Certification Due:

4.16.22

Probe Value:

105

Dräger, Inc.

am



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



Cert. No.: 4000-11349801

### 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: 200357847

Manufacturer: Control Company

#### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	21 Feb 2021	C0220030
Temperature Calibration Bath	B16388		
Temperature Probe	5267	21 Feb 2021	C0220028
Temperature Calibration Bath	B3A444		
Thermistor Module	B96381	16 Jul 2020	B9626028
Temperature Probe	5398	16 Jul 2020	B9605083
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5410	13 Sep 2020	B9801031

#### Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 15 Jun 2020

Cal Due Date: 15 Jun 2022

Test Conditions: 52.44%RH 23.46°C 1018mBar

#### Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.000	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.001	25.001	Y	24.951	25.051	0.0087	>4:1
°C	N.A.	N.A.		50.002	50.000	Y	49.952	50.052	0.0087	>4:1
°C	N.A.	N.A.		100.001	100.002	Y	99.951	100.051	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= $\pm(\text{Max}-\text{Min})/2$ ; Min=As Left Nominal/Rounded - Tolerance; Max=As Left Nominal/Rounded + Tolerance;

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Marisa Elms*

Marisa Elms, Technical Manager

Note:

#### Maintaining Accuracy:

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

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

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



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



Cert. No.: 4000-11349801

### Traceable® Certificate of Calibration for Digital Thermometer

#### Recalibration:

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

Issue Date : 15 Jun 2020

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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

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

**Coordinator:**

Tpr. 1 DAVID M. NAPOLITANO  
 Name

7237  
 Badge No.

**Location:**

LONG PORT POLICE  
 Agency

ARXA-0067  
 Alcotest Serial No.

**Equipment:**

200 357 847  
 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%	DDRF 53-0011	1139D	1240D	34.0 °C
0.08%	DDRK 53-0014	1139D	1241D	33.9 °C
0.10%	DDXC 53-0135	1139D	1242D	34.0 °C
0.16%	DDWF 53-0216	1139D	1243D	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.

*[Signature]* 7237  
 Coordinator's Signature

6/23/21  
 Date



# Alcotest 7110 Calibration Record

**Equipment**

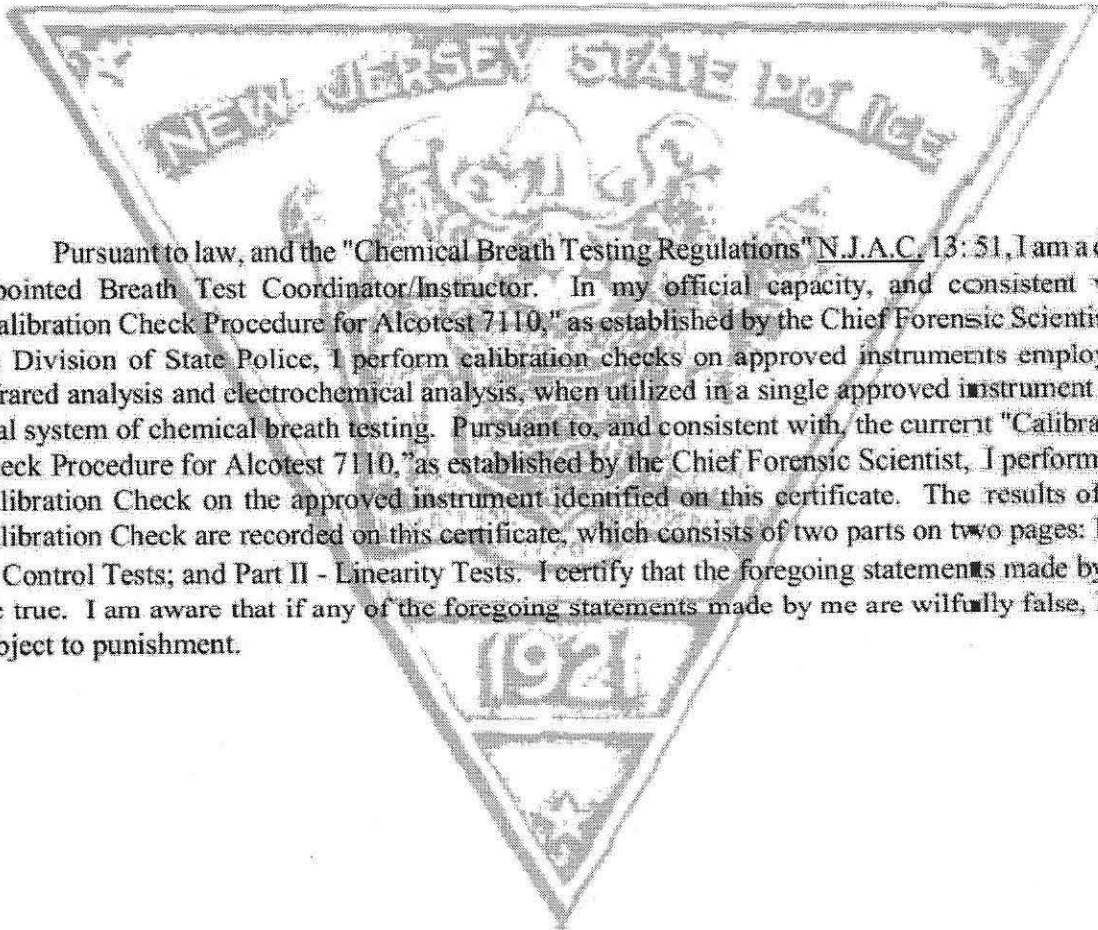
Alcotest 7110 MKIII-C  
Location: LONGPORT POLICE  
Serial No.: ARXA-0067  
Calibration File No.: 00931  
Calib. Date: 06/23/2021  
Calib. No.: 00039  
Certification File No.: 00920  
Cert. Date: 12/23/2020  
Cert. No.: 00032  
Linearity File No.: 00921  
Lin. Date: 12/23/2020  
Lin. No.: 00032  
Solution File No.: 00930  
Soln. Date: 05/28/2021  
Soln. No.: 00254  
Sequential File No.: 00931  
File Date: 06/23/2021

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 19280  
Model No.: CU-34  
Serial No.: DDXC S3-0135  
Expires: 10/16/2021  
Bottle No.: 0200

**Coordinator**

Last Name: NAPOLITANO  
First Name: DAVID  
MI: M.  
Signature: *David Napolitano* 7237  
Badge No.: 7237  
Date: 06/23/2021

\*Black Key Temperature Probe Serial.....# DDEE P2-081 ②  
\*Digital NIST Temperature Measuring System Serial.....# 200 357 847 ⑦



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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0067
Location:	LONGPORT POLICE		
Calibration File No.:	00931	Calib. Date:	06/23/2021
Certification File No.:	00932	Cert. Date:	06/23/2021
Linearity File No.:	00921	Lin. Date:	12/23/2020
Solution File No.:	00930	Soln. Date:	05/28/2021
Sequential File No.:	00932	File Date:	06/23/2021
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXC S3-0135
Solution Control Lot:	19280	Expires:	10/16/2021
		Bottle No.:	0200

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:51D		
Control 1 EC	0.100%	12:51D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:52D		
Control 2 EC	0.099%	12:53D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:53D		
Control 3 EC	0.099%	12:54D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:55D		

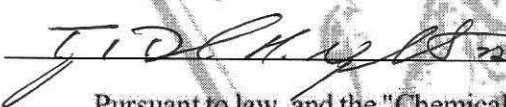
All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: 

Badge No.: 7237

Date: 06/23/2021

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.



# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00931	Calib. Date: 06/23/2021
Certification File No.:	00932	Cert. No.: 00039
Linearity File No.:	00933	Cert. No.: 00033
Solution File No.:	00930	Lin. No.: 00033
Sequential File No.:	00933	Soln. No.: 00254
		File Date: 06/23/2021
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDRF S3-0011
Solution Control Lot:	19310	Expires: 11/04/2021
		Bottle No.: 1424
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDRK S3-0014
Solution Control Lot:	19320	Expires: 11/11/2021
		Bottle No.: 1091
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDWF S3-0216
Solution Control Lot:	19360	Expires: 12/02/2021
		Bottle No.: 1062

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:02D		
Control 1 EC	0.041%	13:03D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:03D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:04D		
Control 2 EC	0.039%	13:05D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:06D		
Control 3 EC	0.081%	13:07D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:07D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09D		
Control 4 EC	0.080%	13:10D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11D		
Control 5 EC	0.161%	13:12D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		
Control 6 EC	0.159%	13:14D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:16D		

All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:

 7237

Badge No.: 7237

Date: 06/23/2021

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

David M. Napolitano  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 147 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 7th DAY OF October

TWO THOUSAND AND  
Ten  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6/20/12	CAPE MAY P.D.	Adam Stankis
2. 11/6/14	GLPD	Adam Stankis
3. 6/23/16	CMPS	Adam Stankis
4. 1/16/18	LAKE HURDY	Adam Stankis
5. 8/11/20	ALL	Adam Stankis
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 03/10)

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

David M. Napolitano  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 147 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 9th DAY OF October

TWO THOUSAND AND  
Eighteen  
Sergeant  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8/11/20	ALL	Adam Stankis
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 01/18)



## 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:** 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*  
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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## 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** **0.080 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  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 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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# State of New Jersey

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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 0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/25/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19280

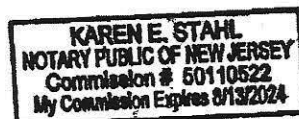
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1223 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 16, 2021.

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

Michael Kennedy  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of October, 2019.  
Notary [Signature]



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## State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
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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** **0.160 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)  
Draeger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDRF53-DD11

Certification Date:

3.17.21

Technician:

MB

Re-Certification Due Date:

3.17.22

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDRKS3-DD14

Certification Date:

3.22.21

Technician:

MB

Re-Certification Due Date:

3.22.22

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDWFS3-D216

Certification Date:

3.17.21

Technician:

[Signature]

Re-Certification Due Date:

3.17.22

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

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

Serial Number Temp Probe:

DDEEP2-D81

Certification Date:

3.25.21

Next Certification Due:

3.25.22

Probe Value:

104

Dräger, Inc.

[Signature]

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0067  
**Location:** LONGPORT POLICE  
**Calibration File No.:** 00931 **Calib. Date:** 06/23/2021 **Calib. No.:** 00039  
**Certification File No.:** 00932 **Cert. Date:** 06/23/2021 **Cert. No.:** 00033  
**Linearity File No.:** 00933 **Lin. Date:** 06/23/2021 **Lin. No.:** 00033  
**Solution File No.:** 00934 **Soln. Date:** 06/23/2021 **Soln. No.:** 00255  
**Sequential File No.:** 00934 **File Date:** 06/23/2021

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDXC S3-0135  
**Control Solution %:** 0.100% **Expires:** 09/02/2022  
**Solution Control Lot:** 20390 **Bottle No.:** 0090

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:21D		
Control 1 EC	0.101%	14:22D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:22D		
Control 2 EC	0.100%	14:23D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:24D		
Control 3 EC	0.099%	14:25D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:25D		

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:** DDWA P2-199 20

### Changed By:

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:



Badge No.: 7237

Date: 06/23/2021



State of New Jersey

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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, Inc.


**ANALYSIS DATE:** 09/17/2020

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 20390

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 2, 2022.

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<sup>th</sup> day of SEPTEMBER, 2020.

  
Notary



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