

# ALCOTEST CHECKLIST

Municipality: FLORENCE TWP. Alcotest Ser. #: ARTN-0053

County: BURLINGTON Date of Calibration: 04-20-2020

- 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. #: DDUM S3-0222
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWT P2-293
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 191 959 016
- 5. **NIST - Traceable Digital Thermometer Readings.**
- 6.
  - A. Alcotest 7110 Calibration Record
  - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
  - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
  - D. **Alcotest Card** of operator/coordinator who performed tests.
  - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDXK P2-396
- 7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - A. 0.04% Solution. 18240
  - B. 0.08% Solution. 18250
  - C. 0.10% Solution. 19270
  - 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. DDWE S3-0206
  - B. 0.08% used in Calibration/Linearity Testing. DDWF S3-0218
  - C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
  - D. 0.16% used in Calibration/Linearity Testing. DDWT S3-0334
- 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 #: 19110
  - D. Alcotest card of operator/coordinator who completed change.



**Dräger**

**Alcotest 7110**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date:

Serial Number:

03/25/2020

ARTN-0053

Draeger, Inc. 

**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 GU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other: \_\_\_\_\_

Serial Number:

DDUM 53-0222

Certification Date:

Technician:

Re-Certification Due Date:

10-16-19

BS/JL

10-16-20

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification data 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:

DDWJ P2-293

10-16-19

10-16-20

Probe Value:

104

Dräger, Inc. BS/JL



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



Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601, - S/N: 191959016 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: -38.85%RH 24.21°C 1023mBar

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	0.000	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	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.001	100.004	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 here 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

*Alan Justice*

Alan 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 time, 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 (AZLA) American Association for Laboratory Accreditation, Certificate No. 1750.01, Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01205-2008-AQ-HOU-RNA, International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

---

---

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

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

**Coordinator:**

TPR. 1 DAVID M. NAPOLITANO  
Name

7237  
Badge No.

**Location:**

FLORENCE TOWNSHIP P.D.  
Agency

ARTN-0053  
Alcotest Serial No.

**Equipment:**

191 959 016  
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%	DDWE 53-0206	1212D	1316D	33.9 °C
0.08%	DDWF 53-0218	1212D	1316D	34.0 °C
0.10%	DDUM 53-0222	1212D	1317D	34.0 °C
0.16%	DDWJ 53-0334	1212D	1318D	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.

David M. Napolitano 7237  
Coordinator's Signature

4.20.20  
Date

# Alcotest 7110 Calibration Record

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTN-0053  
Location: FLORENCE TOWNSHIP P.D.  
Calibration File No.: 01088 Calib. Date: 04/20/2020 Calib. No.: 00043  
Certification File No.: 01085 Cert. Date: 04/06/2020 Cert. No.: 00033  
Linearity File No.: 01086 Lin. Date: 04/06/2020 Lin. No.: 00033  
Solution File No.: 01087 Soln. Date: 04/06/2020 Soln. No.: 00246  
Sequential File No.: 01088 File Date: 04/20/2020

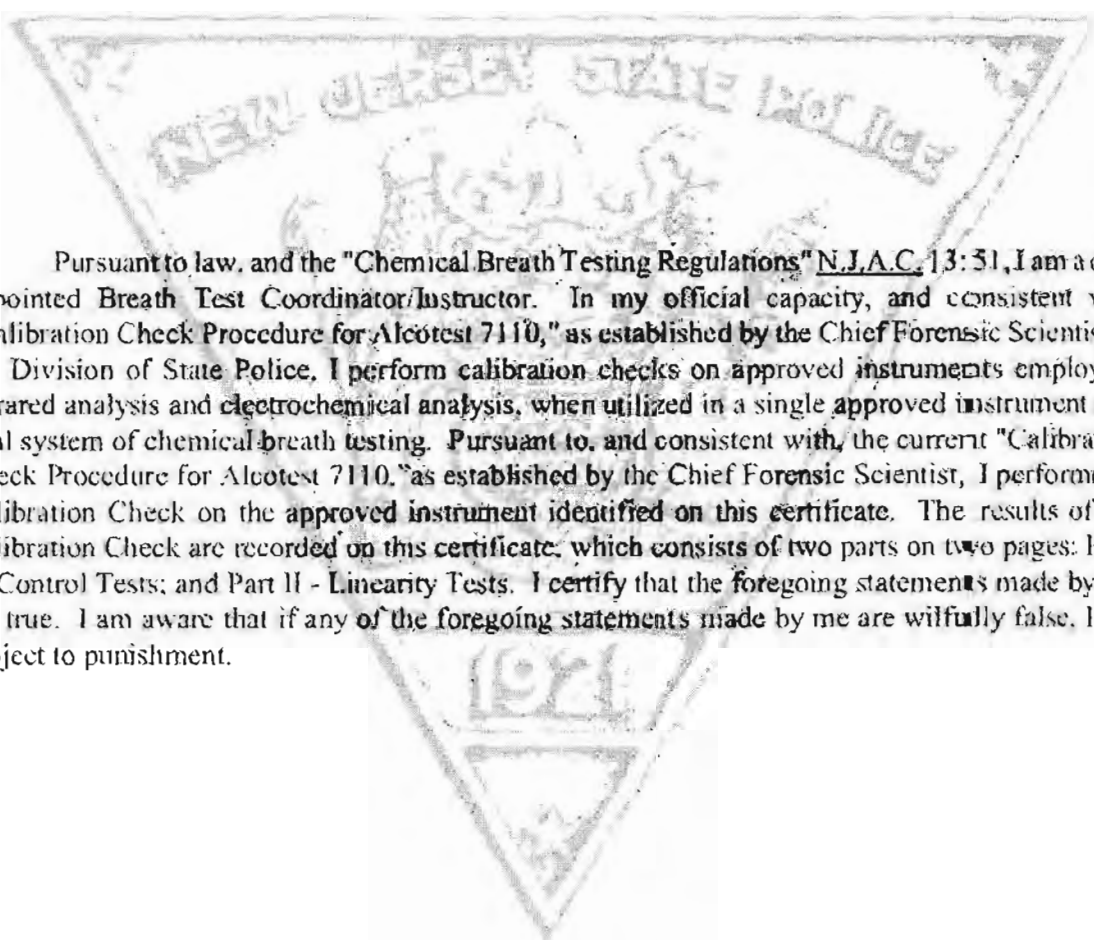
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUM S3-0222  
Control Solution %: 0.100% Expires: 10/14/2021  
Solution Control Lot: 19270 Bottle No.: 1285

## Coordinator

Last Name: NAPOLITANO First Name: DAVID MI: M.

Signature: *David Napolitano* Badge No.: 7237  
Date: 04/20/2020

\*Black Key Temperature Probe Serial.....# DDXK P2-396 (20)  
\*Digital NIST Temperature Measuring System Serial.....# 191 959 016 (20)



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.: ARTN-0053  
Location: FLORENCE TOWNSHIP P.D.  
Calibration File No.: 01088 Calib. Date: 04/20/2020 Calib. No.: 00043  
Certification File No.: 01089 Cert. Date: 04/20/2020 Cert. No.: 00034  
Linearity File No.: 01086 Lin. Date: 04/06/2020 Lin. No.: 00033  
Solution File No.: 01087 Soln. Date: 04/06/2020 Soln. No.: 00246  
Sequential File No.: 01089 File Date: 04/20/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUM S3-0222  
Control Solution %: 0.100% Expires: 10/14/2021  
Solution Control Lot: 19270 Bottle No.: 1285

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:24D		
Control 1 EC	0.100%	13:25D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:25D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:25D		
Control 2 EC	0.099%	13:26D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:26D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26D		
Control 3 EC	0.100%	13:27D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:28D		

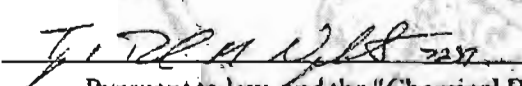
All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: 

Badge No.: 7237

Date: 04/20/2020

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



# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTN-0053  
Location: FLORENCE TOWNSHIP P.D.  
Calibration File No.: 01088 Calib. Date: 04/20/2020 Calib. No.: 00043  
Certification File No.: 01089 Cert. Date: 04/20/2020 Cert. No.: 00034  
Linearity File No.: 01090 Lin. Date: 04/20/2020 Lin. No.: 00034  
Solution File No.: 01087 Soln. Date: 04/06/2020 Soln. No.: 00246  
Sequential File No.: 01090 File Date: 04/20/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0206  
Control Solution %: 0.040% Expires: 07/31/2020  
Solution Control Lot: 18240 Bottle No.: 1009

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0218  
Control Solution %: 0.080% Expires: 08/06/2020  
Solution Control Lot: 18250 Bottle No.: 1241

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0334  
Control Solution %: 0.160% Expires: 08/21/2020  
Solution Control Lot: 18260 Bottle No.: 0108

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:36D		
Control 1 EC	0.041%	13:37D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.041%	13:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:38D		
Control 2 EC	0.041%	13:39D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:39D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:40D		
Control 3 EC	0.082%	13:41D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	13:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:42D		
Control 4 EC	0.081%	13:43D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.081%	13:43D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:44D		
Control 5 EC	0.161%	13:45D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.162%	13:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:46D		
Control 6 EC	0.160%	13:47D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	13:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:48D		

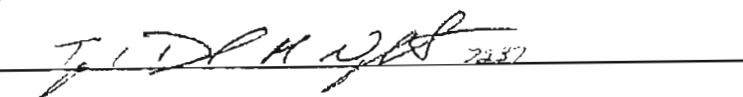
All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: 

Badge No.: 7237

Date: 04/20/2020

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

**David M. Napolitano**  
 Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSIS PROCEDURES PURSUANT TO CHAPTER 14 OF  
 TITLE 17 OF THE STATUTES OF THE STATE OF NEW JERSEY AND TO INSTRUCT OTHERS IN THE  
 USE OF THE SAME IN CONNECTION WITH THE A Breath 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

*[Signature]*  
 COLONEL  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

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

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

S.P. 2208 (Rev. 07/10)

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

**David M. Napolitano**  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSIS PROCEDURES PURSUANT TO CHAPTER 14 OF  
 TITLE 17 OF THE STATUTES OF THE STATE OF NEW JERSEY AND TO INSTRUCT OTHERS IN THE  
 USE OF THE SAME IN CONNECTION WITH THE A Breath 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

*[Signature]*  
 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.O.	Adam Standa
2. 11/6/14	LCPO	Adam Standa
3. 4/23/16	LCMPA	Adam Standa
4. 1/16/18	LAKE HURRY	Adam Standa
5.		
6.		
7.		
8.		
9.		
10.		

S.P. 2208 (Rev. 03/10)



State of New Jersey

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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GROWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 08/28/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 31, 2020.

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

[Handwritten signature of Ali M. Alaoudt]

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

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

[Handwritten signature of Mary Elizabeth McLaughlin]
Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052100
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



An Internationally Accredited Agency

New Jersey is an Equal Opportunity Employer
Printed on Recycled Paper and 100% SO2 Free





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 08628-0608
(609) 882-2000

PHILIP D. MURPHY
Governor
SHERA Y. D'INTER
Lt. Governor

GURHIR 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.

Handwritten signature of Michael Kennedy

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

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

Handwritten signature of Mary Elizabeth McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

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



An Internationally Accredited Agency

New Jersey Is An Equal Opportunity Employer
Equal on the Basis of Race and Age





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7062  
WEST TRENTON, NJ 08628-0968  
(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:** 10/21/2019

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

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

*Karen E. Stahl*  
Notary

**KAREN E. STAHL**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission # 60110822  
My Commission Expires 8/13/2024



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer  
Printed on Recycled Paper with Soy Ink





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 02628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 09/13/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18260

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

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

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 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



An Internationally Accredited Agency

New Jersey is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



**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:

DDWES3-0206

Certification Date:

7-19-19

Technician:

BS

Re-Certification Due Date:

7-19-20

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

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

Serial Number:

DDWFS3-0218

Certification Date:

7-19-19

Technician:

BS

Re-Certification Due Date:

7-19-20

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: \_\_\_\_\_

Serial Number:

DDW1530334

Certification Date:

7-19-19

Technician:

BS

Re-Certification Due Date:

7-19-20

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:

DDXKPa-396

Certification Date:

7-18-19

Next Certification Due:

7-18-20

Probe Value:

10.4

Dräger, Inc.

BS



# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.		
Calibration File No.:	01088	Calib. Date:	04/20/2020
Certification File No.:	01089	Cert. Date:	04/20/2020
Linearity File No.:	01090	Lin. Date:	04/20/2020
Solution File No.:	01091	Soln. Date:	04/20/2020
Sequential File No.:	01091	File Date:	04/20/2020
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0222
Solution Control Lot:	19110	Expires:	04/09/2021
		Bottle No.:	0643

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:56D		
Control 1 EC	0.101%	14:56D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:57D		
Control 2 EC	0.100%	14:57D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	14:57D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:58D		
Control 3 EC	0.101%	14:58D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:58D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:59D		

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.

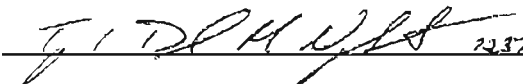
Temperature Probe Serial Number: DDWJ P2-293 (2)

**Changed By:**

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 04/20/2020



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7067  
WEST TRENTON, NJ 08628-0968  
(609) 882-2900

PHILIP D. MURPHY  
Governor

SHILPA Y. OLIVER  
Lt. Governor

GURBIR S. GRIWAL  
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.

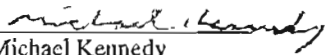
**ANALYSIS DATE:** 04/30/2019

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 19110

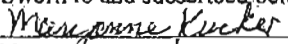
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1223 grams per 100 milliliters of solution.

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 April 09, 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 2nd day of May, 2019.

  
Notary



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer  
Printed on Recycled Paper and Recycled Ink

