

# ALCOTEST CHECKLIST

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

County: BURLINGTON Date of Calibration: 07-09-2019

- ✓ 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. #: 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.
  - ✓ 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. #: DDUN P2-237
- ✓ 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - ✓ A. 0.04% Solution. 17240
  - ✓ B. 0.08% Solution. 17250
  - ✓ C. 0.10% Solution. 18220
  - ✓ D. 0.16% Solution. 17260
- ✓ 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
- ✓ 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
  - ✓ A. 0.04% used in Calibration/Linearity Testing. ADRK S3-0016
  - ✓ B. 0.08% used in Calibration/Linearity Testing. DDRF S3-0008
  - ✓ C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
  - ✓ D. 0.16% used in Calibration/Linearity Testing. DDWF S3-0216
- ✓ 8.
  - ✓ 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 #: 18290
  - ✓ 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 48 FR 48864, 40 FR 48864 and 58 FR 48706. 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:

1-10-17

SERIAL NUMBER:

ARTN-0053

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

Serial Number:  
DDUMS3-0222

Certification Date:  
12-7-18

Technician:  
BS

Re-Certification Due Date:  
12-7-19

**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: DDWS P2-293      Certification Date: 12-7-18      Next Certification Due: 12-7-19

Probe Value:  
104

Draeger, Inc. BS



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 Matsford 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 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

*Kevin J. Jones*

Kevin J. Jones, 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 Thermometers 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-Q 1805-2008-AQ-HOU-RVA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10177835

**Traceable® Certificate of Calibration for Digital Thermometer**

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

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

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

**Coordinator:**

TPR. I DAVID NAPOLITANO  
Name

7237  
Badge No.

**Location:**

FLORENCE TWP.  
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%	DDRK 53-0016	0738D	0840D	34.0 °C
0.08%	DDRF 53-0008	0738D	0840D	33.9 °C
0.10%	DDUM 53-0222	0738D	0841D	34.0 °C
0.16%	DDWF 53-0216	0738D	0842D	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 ± 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.

T. D. Napolitano 7237  
Coordinator's Signature


7.9.19  
Date

# Alcotest 7110 Calibration Record

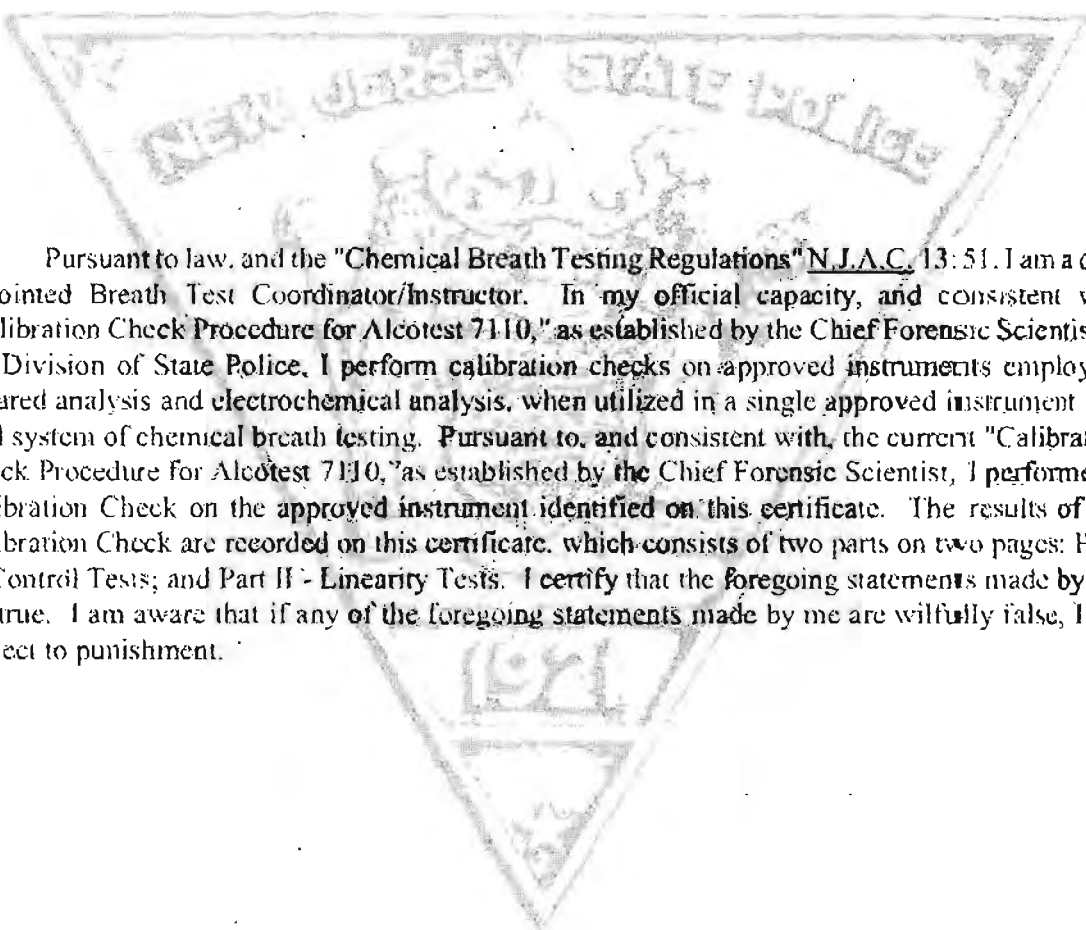
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTN-0053  
Location: FLORENCE TOWNSHIP P.D.  
Calibration File No.: 01037 Calib. Date: 07/09/2019 Calib. No.: 00039  
Certification File No.: 01014 Cert. Date: 01/24/2019 Cert. No.: 00030  
Linearity File No.: 01015 Lin. Date: 01/24/2019 Lin. No.: 00030  
Solution File No.: 01033 Soln. Date: 06/06/2019 Soln. No.: 00230  
Sequential File No.: 01037 File Date: 07/09/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUM S3-0222  
Control Solution %: 0.100% Expires: 07/23/2020  
Solution Control Lot: 18220 Bottle No.: 0354

## Coordinator

Last Name: NAPOLITANO First Name: DAVID MI: M.  
Signature:  7237 Badge No.: 7237  
Date: 07/09/2019

\*Black Key Temperature Probe Serial.....# DDUN P2-237 (DN)  
\*Digital NIST Temperature Measuring System Serial.....# 191 959 016 (DN)



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.: 01037 Calib. Date: 07/09/2019 Calib. No.: 00039  
Certification File No.: 01038 Cert. Date: 07/09/2019 Cert. No.: 00031  
Linearity File No.: 01015 Lin. Date: 01/24/2019 Lin. No.: 00030  
Solution File No.: 01033 Soln. Date: 06/06/2019 Soln. No.: 00230  
Sequential File No.: 01038 File Date: 07/09/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUM S3-0222  
Control Solution %: 0.100% Expires: 07/23/2020  
Solution Control Lot: 18220 Bottle No.: 0354

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:47D		
Control 1 EC	0.100%	08:48D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:48D		
Control 2 EC	0.098%	08:49D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:50D		
Control 3 EC	0.098%	08:50D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:51D		

All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: T. D. NAPOLITANO 7237

Badge No.: 7237

Date: 07/09/2019

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 willfully 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.: 01037 Calib. Date: 07/09/2019 Calib. No.: 00039  
 Certification File No.: 01038 Cert. Date: 07/09/2019 Cert. No.: 00031  
 Linearity File No.: 01039 Lin. Date: 07/09/2019 Lin. No.: 00031  
 Solution File No.: 01033 Soln. Date: 06/06/2019 Soln. No.: 00230  
 Sequential File No.: 01039 File Date: 07/09/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0016  
 Control Solution %: 0.040% Expires: 08/10/2019  
 Solution Control Lot: 17240 Bottle No.: 0359

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0008  
 Control Solution %: 0.080% Expires: 08/15/2019  
 Solution Control Lot: 17250 Bottle No.: 1101

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0216  
 Control Solution %: 0.160% Expires: 08/21/2019  
 Solution Control Lot: 17260 Bottle No.: 0826

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:00D		
Control 1 EC	0.040%	09:01D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:02D		
Control 2 EC	0.040%	09:03D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:04D		
Control 3 EC	0.080%	09:05D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:05D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:06D		
Control 4 EC	0.079%	09:07D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.078%	09:07D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09D		
Control 5 EC	0.161%	09:09D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.160%	09:09D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:11D		
Control 6 EC	0.159%	09:11D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:13D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 07/09/2019

DEPARTMENT OF  
**Traffic and Public Safety**  
We're so certified that

David M. Napolitano

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT A BREATH TEST IN ACCORDANCE WITH CHAPTER 17B OF

THE LAWS OF NEW JERSEY IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION

ADMINISTERED BY HAND AT PREVIOUS NEW JERSEY ON: 9th DAY OF October

TWO THOUSAND AND Eighteen

David M. Napolitano  
COORDINATOR  
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.		

S.P. 2008 (Rev. 01/13)

DEPARTMENT OF  
**Traffic and Public Safety**  
We're so certified that

David M. Napolitano  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT A BREATH TEST IN ACCORDANCE WITH CHAPTER 17B OF

THE LAWS OF NEW JERSEY IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION

ADMINISTERED BY HAND AT PREVIOUS NEW JERSEY ON: 7th DAY OF October

TWO THOUSAND AND Ten

David M. Napolitano  
SUPERVISOR  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>6/20/12</u>	<u>CAPE MAY P.A.</u>	<u>Adam Standa</u>
2. <u>11/6/14</u>	<u>LCPD</u>	<u>Adam Standa</u>
3. <u>6/23/16</u>	<u>LMPA</u>	<u>Adam Standa</u>
4. <u>1/16/18</u>	<u>LAKE HURDY</u>	<u>Adam Standa</u>
5.		
6.		
7.		
8.		
9.		

S.P. 2008 (Rev. 03/10)



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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WEEK HENRIE, NJ 08029-0068  
(609) 882-2000

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

CHRISTOPHER S. PORRINO  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.04 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: 08/29/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0483 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 August 10, 2019.

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 30<sup>th</sup> day of August, 2017.

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
KIM GUADAGINO
Lt. Governor

CHRISTOPHER S. PARRINO
Attorney General
COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.08 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 0.0977 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 09/07/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0963 to 0.0973 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 15, 2019.

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.

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

Sworn to and subscribed before me this 11 day of September, 2017.

[Signature]
Notary

PETER F. MURPHY IV
My Commission Expires
August 1, 2019



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State of New Jersey

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.10 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.

Signature of Ali M. Althouse, Ph.D.
Ali M. Althouse, Ph.D.
Research Scientist
NISP Office of Forensic Sciences

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

Signature of Mary Elizabeth McLaughlin
Notary

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



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State of New Jersey

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WEST TRENTON, NJ 08629-0068
(609) 852-2000

CHRIS CHRISTIE
Governor

KIM GUARDINO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. PIZZIFES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 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: 09/12/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1937 to 0.1957 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, 2019.

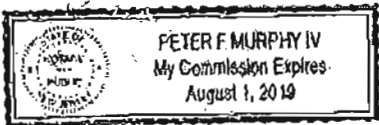
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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. Alzouie]

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

Sworn to and subscribed before me this 13 day of September, 2017.

[Handwritten signature of Notary]



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURDIR 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: 09/25/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18290

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 0.1226 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 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 25th 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)  
Dräger, Inc.

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

Serial Number:  
DDRK53-0016

Certification Date:  
6-12-19

Technician:  
BS

Re-Certification Due Date:  
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)  
Dräger, Inc.

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

Serial Number:  
DDRFS3-0008

Certification Date:  
2-19-19

Technician:  
BS

Re-Certification Due Date:  
2-19-20





**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) Draeger, Inc.

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

Serial Number:

DDWFS3-0216

Certification Date:

6-11-19

Technician:

BS

Re-Certification Due Date:

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:

DDUNP2-237

Certification Date:

6-10-19

Next Certification Due:

6-10-20

Probe Value:

105

Draeger, 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.:	01037	Calib. Date:	07/09/2019
Certification File No.:	01038	Cert. No.:	00039
Linearity File No.:	01039	Cert. Date:	07/09/2019
Solution File No.:	01040	Lin. No.:	00031
Sequential File No.:	01040	Lin. Date:	07/09/2019
		Soln. No.:	00231
		Soln. Date:	07/09/2019
		File Date:	07/09/2019
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0222
Solution Control Lot:	18290	Expires:	09/17/2020
		Bottle No.:	0867

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:20D		
Control 1 EC	0.100%	10:20D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:21D		
Control 2 EC	0.098%	10:22D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:22D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:22D		
Control 3 EC	0.098%	10:23D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.097%	10:23D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:24D		

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.

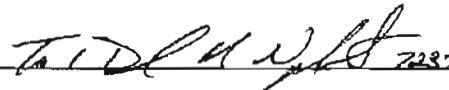
Temperature Probe Serial Number: DDWI P2-293 (DN)

**Changed By:**

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 07/09/2019



State of New Jersey

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DIVISION OF STATE POLICE
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Governor
SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General
PATRICK J. CALLAHAN
Colonel

AMMENDED
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: 09/25/2018

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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 0.1226 grams per 100 milliliters of solution.

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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.

This certificate was amended to reflect a correction of expiration date from September 21, 2020 to September 17, 2020.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9th day of October, 2018.

Mary Elizabeth McLaughlin
Notary

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

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