

# ALCOTEST CHECKLIST

Municipality: WILLINGBORO Alcotest Ser.#: ARWC - 0060  
County: BURLINGTON Date of Calibration: 06-07-2019

- ✓ 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. #: DDWE S3 - 0188
- ✓ 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDHH P2 - 094
- ✓ 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. #: DDXK P2 - 396
- ✓ 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. 17230
  - ✓ 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. 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. DDWJ S3 - 0334
- ✓ 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 #: 17360
  - ✓ D. Alcotest card of operator/coordinator who completed change.

**Dräger**

**Alcotest® 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

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

Certification Date:

2-10-14

SERIAL NUMBER:

ARWC-0060

Draeger 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:  
DDWES3-0188

Certification Date: 1-10-19 Technician: BS Re-Certification Due Date: 1-10-20

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

**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: DDHHP2-094 Certification Date: 1-3-19 Next Certification Due: 1-3-20

Probe Value:  
103

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 Malsonford 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=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max=As Left Nominal(Rounded) + Tolerance;

and is calculated in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

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

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Asim J. Khan*

Asim J. Khan, Technical Manager

Note:

Maintaining Accuracy:

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

Recalibration:

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

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
 Phone 281.482-1714 Fax 281.482-9448 sales@control3.com www.control3.com

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

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

**Coordinator:**

TR. I DAVID NAPOLITANO  
Name

7237  
Badge No.

**Location:**

WILLINGBORO  
Agency

ARWC-0060  
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	1200D	1301D	34.0 °C
0.08%	DDWF 53-0218	1200D	1302D	33.9 °C
0.10%	DDWE 53-0188	1200D	1303D	34.0 °C
0.16%	DDWJ 53-0334	1200D	1303D	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

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.

TR. I DAVID NAPOLITANO 7237  
Coordinator's Signature

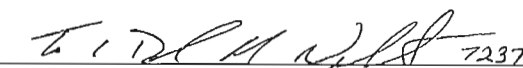
6.7.19  
Date

# Alcotest 7110 Calibration Record

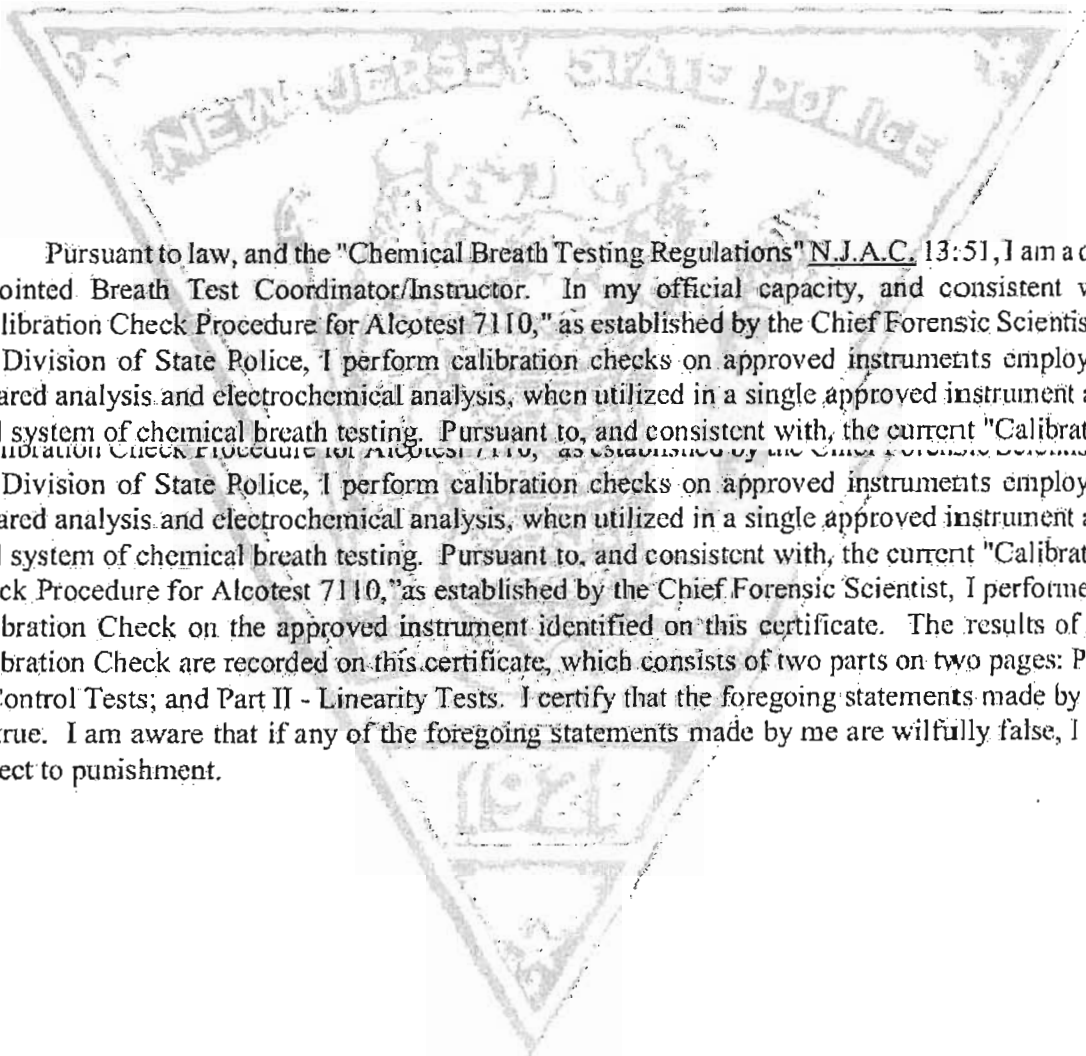
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWC-0060  
Location: WILLINGBORO TWP POLICE  
Calibration File No.: 00651 Calib. Date: 06/07/2019 Calib. No.: 00038  
Certification File No.: 00633 Cert. Date: 01/07/2019 Cert. No.: 00030  
Linearity File No.: 00634 Lin. Date: 01/07/2019 Lin. No.: 00030  
Solution File No.: 00650 Soln. Date: 05/31/2019 Soln. No.: 00201  
Sequential File No.: 00651 File Date: 06/07/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0188  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 1037

## Coordinator

Last Name: NAPOLITANO First Name: DAVID MI: M.  
Signature:  7237 Badge No.: 7237  
Date: 06/07/2019

\*Black Key Temperature Probe Serial.....# DDXK P2-396 <sup>DN</sup>  
\*Digital NIST Temperature Measuring System Serial.....# 191 959 016 <sup>DN</sup>



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

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWC-0060  
Location: WILLINGBORO TWP POLICE  
Calibration File No.: 00651 Calib. Date: 06/07/2019 Calib. No.: 00038  
Certification File No.: 00652 Cert. Date: 06/07/2019 Cert. No.: 00031  
Linearity File No.: 00634 Lin. Date: 01/07/2019 Lin. No.: 00030  
Solution File No.: 00650 Soln. Date: 05/31/2019 Soln. No.: 00201  
Sequential File No.: 00652 File Date: 06/07/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0188  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 1037

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:11D		
Control 1 EC	0.099%	13:11D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	13:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		
Control 2 EC	0.098%	13:13D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:13D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		
Control 3 EC	0.098%	13:14D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:14D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15D		

All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: *David Napolitano*

Badge No.: 7237

Date: 06/07/2019

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



# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWC-0060  
Location: WILLINGBORO TWP POLICE  
Calibration File No.: 00651 Calib. Date: 06/07/2019 Calib. No.: 00038  
Certification File No.: 00652 Cert. Date: 06/07/2019 Cert. No.: 00031  
Linearity File No.: 00653 Lin. Date: 06/07/2019 Lin. No.: 00031  
Solution File No.: 00650 Soln. Date: 05/31/2019 Soln. No.: 00201  
Sequential File No.: 00653 File Date: 06/07/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0206  
Control Solution %: 0.040% Expires: 08/10/2019  
Solution Control Lot: 17240 Bottle No.: 0381

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0218  
Control Solution %: 0.080% Expires: 08/15/2019  
Solution Control Lot: 17250 Bottle No.: 1108

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0334  
Control Solution %: 0.160% Expires: 08/21/2019  
Solution Control Lot: 17260 Bottle No.: 0718

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:23D		
Control 1 EC	0.041%	13:24D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:24D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:25D		
Control 2 EC	0.040%	13:26D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:26D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 3 EC	0.080%	13:28D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:30D		
Control 4 EC	0.079%	13:30D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.078%	13:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32D		
Control 5 EC	0.158%	13:32D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:32D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Ambient Air Blank	0.000%	13:32D		
Control 5 EC	0.158%	13:32D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:32D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 6 EC	0.157%	13:35D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:35D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		

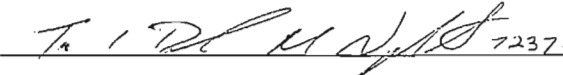
All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: 

Badge No.: 7237

Date: 06/07/2019

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 146 OF  
 THE LAWS OF 1944 IN THE OPERATION OF THE Alcotest 7110 MKIII-C  
 A METHOD TO DETERMINE INTOXICATION  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THE 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.		

S.P. 2338 (Rev. 01/18)

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 146 OF  
 THE LAWS OF 1944 IN THE OPERATION OF THE Alcotest 7110 MKIII-C  
 A METHOD TO DETERMINE INTOXICATION  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THE 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.A.	Adam Stankis
2. 11/6/14	CCPS	Adam Stankis
3. 6/23/16	CMPS	Adam Stankis
4. 1/16/18	LAKE HURLEY	Adam Stankis
5.		
6.		
7.		
8.		
9.		

S.P. 2338 (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

CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. PUENTES
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.

[Signature]

Ali M. Alaouie, Ph.D.
Research Scientist

[Signature]

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

Sworn to and subscribed before me this 30th day of August, 2017.

[Signature of 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





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

CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

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 0.0997 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.

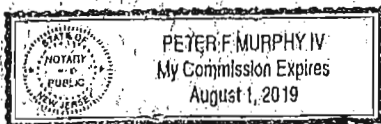
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

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

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

[Signature]
Notary



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer





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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

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: 08/24/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1216 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 07, 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]

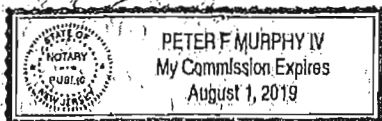
Ali M. Alaouie, Ph.D.
Research Scientist

[Signature]

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

Sworn to and subscribed before me this 24 day of August, 2017.

[Signature]
Notary



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State of New Jersey

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CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. PUENTES
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.

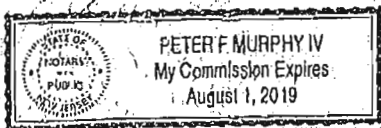
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

[Signature]
Ali M. Alaoie, Ph.D.

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

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

[Signature]
Notary



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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

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

Serial Number:

DDWES3-0206

Certification Date:

8-23-18

Technician:

BS

Re-Certification Due Date:

8-23-19

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

**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

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

Serial Number:

DDWFS3-0218

Certification Date:

8-23-18

Technician:

BS

Re-Certification Due Date:

8-23-19

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

Serial Number:

DDWJS3-0334

Certification Date:

8-23-18

Technician:

BS

Re-Certification Due Date:

8-23-19

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

**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:

DDXKIP2-396

Certification Date:

8-23-18

Next Certification Due:

8-23-19

Probe Value:

103

Dräger, Inc.

BS



# Calibrating Unit

## New Standard Solution Report

### Equipment

Alcotest 7110 MKIII-C  
Location: WILLINGBORO TWP POLICE  
Serial No.: ARWC-0060  
Calibration File No.: 00651  
Certification File No.: 00652  
Linearity File No.: 00653  
Solution File No.: 00654  
Sequential File No.: 00654  
Calib. Date: 06/07/2019  
Cert. Date: 06/07/2019  
Lin. Date: 06/07/2019  
Soln. Date: 06/07/2019  
File Date: 06/07/2019  
Calib. No.: 00038  
Cert. No.: 00031  
Lin. No.: 00031  
Soln. No.: 00202

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 17360  
Model No.: CU-34  
Serial No.: DDWE S3-0188  
Expires: 10/17/2019  
Bottle No.: 0964

Function	Result	Time	Temperature	Comment(s) or Error(s)
	%BAC	HH:MM	Simulator (°C)	
Ambient Air Blank	0.000%	14:43D		
Control 1 EC	0.100%	14:44D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:44D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:45D		
Control 2 EC	0.097%	14:45D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:45D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:46D		
Control 3 EC	0.098%	14:47D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:48D		

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: DDHHP2-094 <sup>(DW)</sup>

### Changed By:

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

Signature: T. D. M. Napolitano 7237  
Badge No.: 7237  
Date: 06/07/2019

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

Signature: T. D. M. Napolitano 7237  
Badge No.: 7237  
Date: 06/07/2019



State of New Jersey

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CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL PATRICK J. CALLAHAN
Acting Superintendent

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: 11/01/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1197 to 0.1228 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 17, 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]

[Handwritten signature]

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

Sworn to and subscribed before me this 2nd day of November, 2017.

[Handwritten signature: 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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