

**ALCOTEST CHECKLIST**

Municipality: STRATFORD

Alcotest Ser. #: ARNK-0039

County: CAMDEN

Date of Calibration: 05-10-2019

- 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. #: DDUK 53-0133
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDLL P1-0015
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 170 428 363
- 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 P2-390
- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - A. 0.04% Solution. 17 240
  - B. 0.08% Solution. 17 250
  - C. 0.10% Solution. 17 230
  - D. 0.16% Solution. 17 260
- 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. DDYA 53-0004
  - B. 0.08% used in Calibration/Linearity Testing. DDCB - 0002
  - C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
  - D. 0.16% used in Calibration/Linearity Testing. DDBN - 0007
- 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 #: 18090
  - 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:

1-19-17

SERIAL NUMBER:

ARKK-0039

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
- X-Cal 2000 (Alcosim)
- Other: \_\_\_\_\_

Serial Number:

DDUKS3-0133

Certification Date:

3-7-19

Technician:

BS

Re-Certification Due Date:

3-7-20

**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:

DDLPI-0015

Certification Date:

3-7-19

Next Certification Due:

3-7-20

Probe Value:

104

Draeger, Inc.

BS



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-8609163

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601      S/N: 170428363      Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/06/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5202	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5356	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	5357	1/06/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

Certificate Information:

Technician: 104      Procedure: CAL-06      Cal Date: 6/08/17      Due Date: 6/08/19  
Test Conditions: 23.5°C      50.0 %RH      1014 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.002	0.001	Y	-0.048	0.052	0.010	>4:1
°C		N.A.		25.003	25.001	Y	24.953	25.053	0.010	>4:1
°C		N.A.		50.002	50.001	Y	49.952	50.052	0.010	>4:1
°C		N.A.		100.001	100.003	Y	99.951	100.051	0.010	>4:1

This Instrument was calibrated using instruments Traceable to National Institute of Standards and Technology.

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; Date=MM/DD/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Judice*  
Aaron Judice, Technical Manager

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 service@control3.com www.control3.com

Control Company is an ISO 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) Det Norske Veritas, Certificate No. CERT-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:**

TPA. I Brian M. Gambone  
Name

7029  
Badge No.

**Location:**

Stratford Police Dept.  
Agency

AANK-0039  
Alcotest Serial No.

**Equipment:**

170 428 363  
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%	DDYA 53-0004	11:56 D	15:10 D	34.0°C
0.08%	DDCB-0002	11:56 D	15:11 D	34.0°C
0.10%	DDUK 53-0133	11:56 D	15:12 D	33.9°C
0.16%	DDBN-0007	11:56 D	15:13 D	33.9°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius  $\pm$  0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

TPA. I Brian M. Gambone #7029  
Coordinator's Signature

5/10/2019  
Date

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: STRATFORD POLICE DEPT. Serial No.: ARNK-0039  
Calibration File No.: 02721 Calib. Date: 05/10/2019 Calib. No.: 00041  
Certification File No.: 02648 Cert. Date: 11/29/2018 Cert. No.: 00030  
Linearity File No.: 02649 Lin. Date: 11/29/2018 Lin. No.: 00029  
Solution File No.: 02718 Soln. Date: 05/04/2019 Soln. No.: 00306  
Sequential File No.: 02721 File Date: 05/10/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 1217

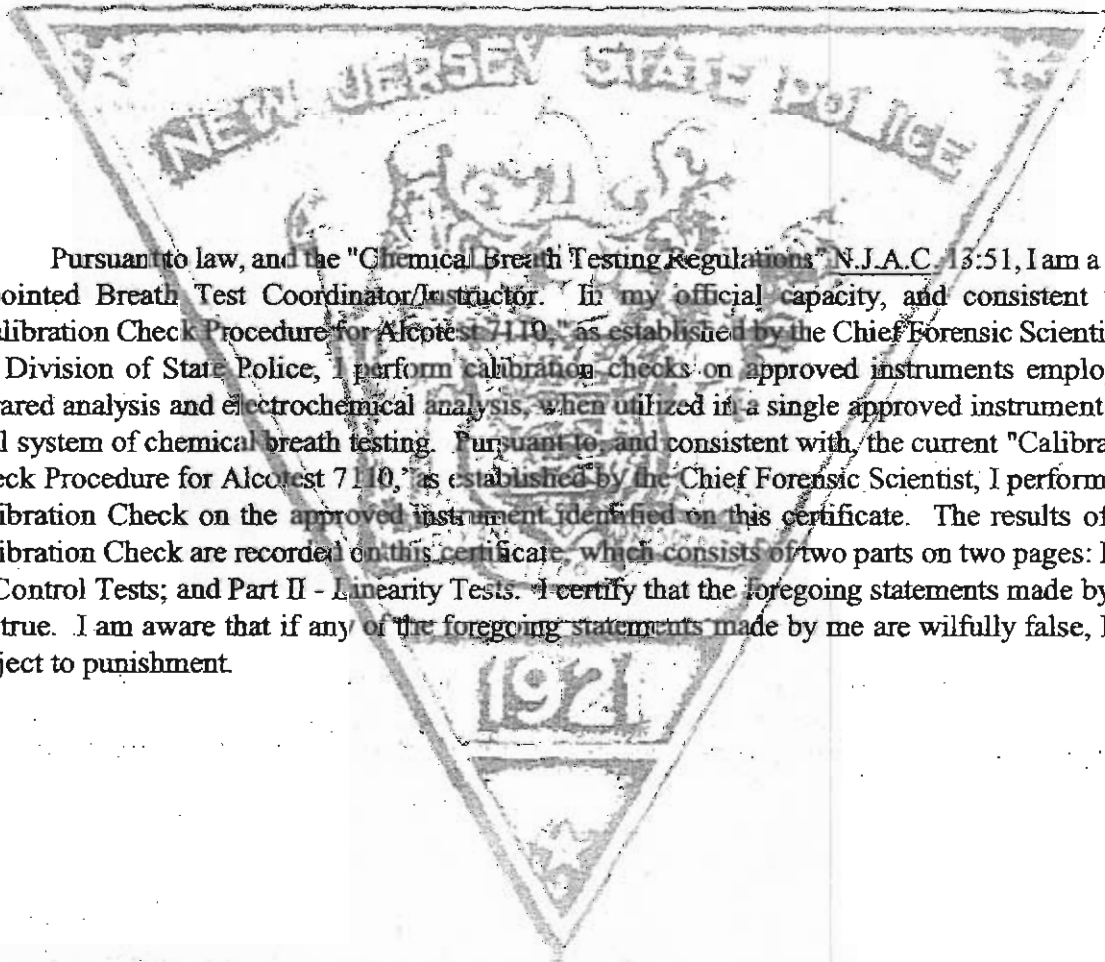
## Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M

Signature: TPR. E B-A #7029 Badge No.: 7029  
Date: 05/10/2019

\*Black Key Temperature Probe Serial.....# DD XKP2-390 (BMG)

\*Digital NIST Temperature Measuring System Serial.....# 170428363 (BMG)



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  
Location: STRATFORD POLICE DEPT. Serial No.: ARNK-0039  
Calibration File No.: 02721 Calib. Date: 05/10/2019 Calib. No.: 00041  
Certification File No.: 02722 Cert. Date: 05/10/2019 Cert. No.: 00031  
Linearity File No.: 02649 Lin. Date: 11/29/2018 Lin. No.: 00029  
Solution File No.: 02718 Soln. Date: 05/04/2019 Soln. No.: 00306  
Sequential File No.: 02722 File Date: 05/10/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 1217

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:19D		
Control 1 EC	0.099%	15:20D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:21D		
Control 2 EC	0.098%	15:21D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	15:21D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:22D		
Control 3 EC	0.099%	15:23D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:23D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:24D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: T.P. Gambone

Badge No.: 7029

Date: 05/10/2019

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.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 02721 Calib. Date: 05/10/2019 Calib. No.: 00041  
Certification File No.: 02722 Cert. Date: 05/10/2019 Cert. No.: 00031  
Linearity File No.: 02723 Lin. Date: 05/10/2019 Lin. No.: 00030  
Solution File No.: 02718 Soln. Date: 05/04/2019 Soln. No.: 00306  
Sequential File No.: 02723 File Date: 05/10/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDYA S3-0004  
Control Solution %: 0.040% Expires: 08/10/2019  
Solution Control Lot: 17240 Bottle No.: 1435

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002  
Control Solution %: 0.080% Expires: 08/15/2019  
Solution Control Lot: 17250 Bottle No.: 1396

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007  
Control Solution %: 0.160% Expires: 08/21/2019  
Solution Control Lot: 17260 Bottle No.: 0637

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:33D		
Control 1 EC	0.040%	15:34D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	15:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:35D		
Control 2 EC	0.040%	15:36D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	15:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:38D		
Control 3 EC	0.080%	15:38D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	15:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:40D		
Control 4 EC	0.079%	15:40D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	15:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:42D		
Control 5 EC	0.158%	15:43D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	15:43D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:44D		
Control 6 EC	0.158%	15:45D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.157%	15:45D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:46D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TH. E. B. M. #7029

Badge No.: 7029

Date: 05/10/2019



DEPARTMENT OF  
**Traffic and Public Safety**  
What is to be exactly that

**Brian M. Gambone**

**Breath Test Coordinator/Instructor**

IN COMPLIANCE AND ACCORDANCE TO COMPLY WITH THE RULES AND REGULATIONS PRESENT TO THE NEW JERSEY DEPT OF TRANSPORTATION AND SAFETY

THE LAWS OF THE STATE OF NEW JERSEY, TITLE 17, CHAPTER 27, ARTICLE 2, SECTION 27-27.1(b) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

DATE OF EXAMINATION: October

BY: [Signature] AT: [Signature]  
NEW JERSEY DEPT OF TRANSPORTATION AND SAFETY

ORIGINAL COURSE DATES

DATE	Refresh Course PLACE	INSTRUCTOR
11/19/18	GCFA	Adam Stender
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

DEPARTMENT OF  
**Traffic and Public Safety**  
What is to be exactly that

**Brian M. Gambone**  
New Jersey State Police

IN COMPLIANCE AND ACCORDANCE TO COMPLY WITH THE RULES AND REGULATIONS PRESENT TO THE NEW JERSEY DEPT OF TRANSPORTATION AND SAFETY

THE LAWS OF THE STATE OF NEW JERSEY, TITLE 17, CHAPTER 27, ARTICLE 2, SECTION 27-27.1(b) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

DATE OF EXAMINATION: July

BY: [Signature] AT: [Signature]  
NEW JERSEY DEPT OF TRANSPORTATION AND SAFETY

ORIGINAL COURSE DATES

DATE	Refresh Course PLACE	INSTRUCTOR
1/18/17	GCFA	Wm. [unclear]
2. 11/4/14	GCFA	Adam Stender
3. 6/4/16	CMFA	Adam Stender
4. 11/19/18	GCFA	Adam Stender
5.		
6.		
7.		
8.		
9.		
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. 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.

[Handwritten signature of Ali M. Alaouie]

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

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

[Handwritten signature of Mary Elizabeth McLaughlin]

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



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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.

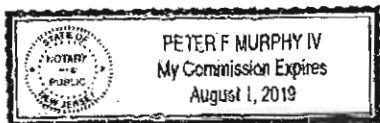
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration 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. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

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

[Signature]
Notary



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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.

[Handwritten 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.

[Handwritten signature]
Notary

PETER F MURPHY IV
My Commission Expires
August 1, 2019



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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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*Governor*

CHRISTOPHER S. PORRINO  
*Attorney General*

KIM GUADAGNO  
*Lt. Governor*

COLONEL JOSEPH R. FUENTES  
*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.

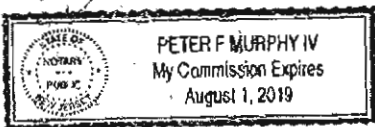
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

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

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:  
DDYA53-0004

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:  
DDCB-0002

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:  
DDBN-0007

Certification Date:  
9-12-18

Technician:  
BS

Re-Certification Due Date:  
9-12-19

**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:  
DDXKp2-390

Certification Date:  
8-23-18

Next Certification Due:  
8-23-19

Probe Value:  
104

Dräger, Inc. BS

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 02721 Calib. Date: 05/10/2019 Calib. No.: 00041  
Certification File No.: 02722 Cert. Date: 05/10/2019 Cert. No.: 00031  
Linearity File No.: 02723 Lin. Date: 05/10/2019 Lin. No.: 00030  
Solution File No.: 02724 Soln. Date: 05/10/2019 Soln. No.: 00307  
Sequential File No.: 02724 File Date: 05/10/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 03/13/2020  
Solution Control Lot: 18090 Bottle No.: 0635

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	16:51D		
Control 1 EC	0.101%	16:52D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	16:52D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:52D		
Control 2 EC	0.099%	16:53D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:54D		
Control 3 EC	0.099%	16:54D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:54D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:55D		

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: DDLLP1-0015 3M6

**Changed By:**

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature:  # 7029

Badge No.: 7029

Date: 05/10/2019





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: 04/04/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 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 March 13, 2020.

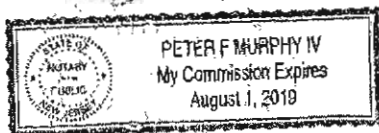
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

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

Sworn to and subscribed before me this 5th day of April, 2018.

Handwritten signature of Notary
Notary



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