

ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser. #: ARUM-0073
County: CAMDEN Date of Calibration: 04-08-2019

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. #: DDWA 53-0011
3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDUJ P2-168
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:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>17240</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>17250</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>17230</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>17260</u>
7. **Certificate of Accuracy Alcotest CU34 Simulators** from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

<input checked="" type="checkbox"/> A.	0.04% used in Calibration/Linearity Testing.	<u>DDVA 53-0004</u>
<input checked="" type="checkbox"/> B.	0.08% used in Calibration/Linearity Testing.	<u>DDCB - 0002</u>
<input checked="" type="checkbox"/> C.	0.10% used in Calibration/Linearity Testing. [Same as CU34 unit on instrument.]	
<input checked="" type="checkbox"/> D.	0.16% used in Calibration/Linearity Testing.	<u>DDBN - 0007</u>
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.

04-16-2019



Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest 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's specifications.

Certification Date:

Serial Number:

5-9-18

ARUM-0073

Draeger, 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:

DDWAS3-0011

Certification Date:

1-28-19

Technician:

BS

Re-Certification Due Date:

1-28-20

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDU 2P2-168

Certification Date:

1-23-19

Next Certification Due:

1-23-20

Probe Value:

99

Draeger, Inc.

BS



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=±(Max-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-01805-2006-AQ-HOU-RvA.
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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

Coordinator:

TPA T Brian M. Gambone
Name

7029
Badge No.

Location:

Merchantville Police
Agency

ARUM-0073
Alcotest Serial No.

Equipment:

170428363
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	12:41 D	15:47 D	34.0°C
0.08%	DDCB-0002	12:41 D	15:48 D	34.0°C
0.10%	DDWA 53-0011	12:41 D	15:49 D	34.0°C
0.16%	DDBN-0007	12:41 D	15:51 D	34.0°C

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

TPA T. B. M. #7029
Coordinator's Signature

4/8/2019
Date

Alcotest 7110 Calibration Record

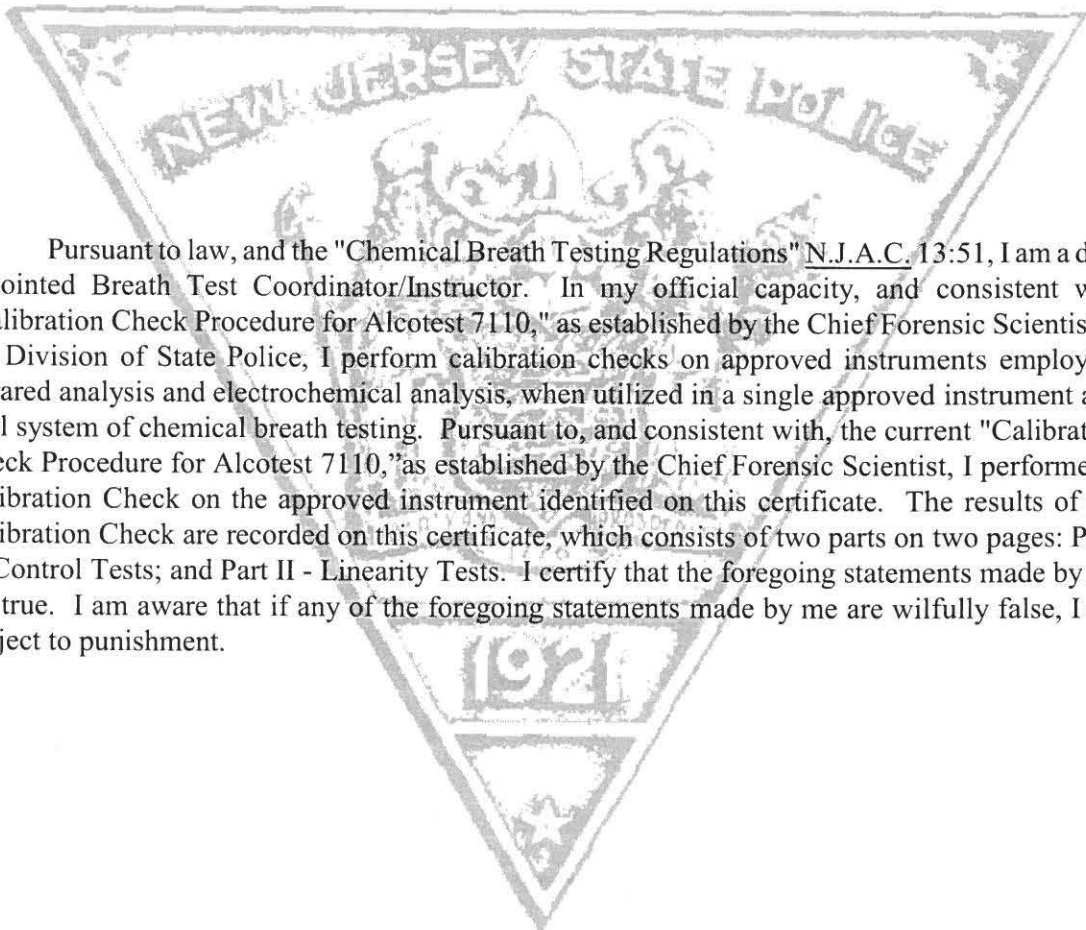
Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00949 Calib. Date: 04/08/2019 Calib. No.: 00038
Certification File No.: 00930 Cert. Date: 10/29/2018 Cert. No.: 00030
Linearity File No.: 00931 Lin. Date: 10/29/2018 Lin. No.: 00030
Solution File No.: 00946 Soln. Date: 04/07/2019 Soln. No.: 00248
Sequential File No.: 00949 File Date: 04/08/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 08/07/2019
Solution Control Lot: 17230 Bottle No.: 1145

Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M
Signature: T.P.R. Gambone #7029 Badge No.: 7029
Date: 04/08/2019

*Black Key Temperature Probe Serial.....# DD x K P2 - 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 Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00949 Calib. Date: 04/08/2019 Calib. No.: 00038
Certification File No.: 00950 Cert. Date: 04/08/2019 Cert. No.: 00031
Linearity File No.: 00931 Lin. Date: 10/29/2018 Lin. No.: 00030
Solution File No.: 00946 Soln. Date: 04/07/2019 Soln. No.: 00248
Sequential File No.: 00950 File Date: 04/08/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 08/07/2019
Solution Control Lot: 17230 Bottle No.: 1145

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	16:01D		
Control 1 EC	0.099%	16:02D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	16:02D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:03D		
Control 2 EC	0.099%	16:03D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	16:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:04D		
Control 3 EC	0.100%	16:05D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:05D		

All tests within acceptable tolerance.

Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M
Signature: *Brian Gambone* # 7029 Badge No.: 7029
Date: 04/08/2019

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.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00949 Calib. Date: 04/08/2019 Calib. No.: 00038
Certification File No.: 00950 Cert. Date: 04/08/2019 Cert. No.: 00031
Linearity File No.: 00951 Lin. Date: 04/08/2019 Lin. No.: 00031
Solution File No.: 00946 Soln. Date: 04/07/2019 Soln. No.: 00248
Sequential File No.: 00951 File Date: 04/08/2019

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.: 1464

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.: 1295

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.: 0665

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:15D		
Control 1 EC	0.042%	16:16D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	16:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:17D		
Control 2 EC	0.040%	16:18D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	16:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:19D		
Control 3 EC	0.082%	16:20D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	16:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:21D		
Control 4 EC	0.080%	16:22D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	16:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:24D		
Control 5 EC	0.161%	16:24D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.161%	16:24D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:26D		
Control 6 EC	0.160%	16:26D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	16:26D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:28D		

All tests within acceptable tolerance.

Coordinator

Last Name: GAMBONE



First Name: BRIAN

MI: M

Signature:  # 7029

Badge No.: 7029

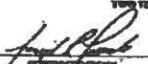
Date: 04/08/2019

DEPARTMENT OF
Traffic and Public Safety
 Who is to certify that
Brian M. Gambone
 Breath Test Coordinator/Instructor
 IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 146 OF
 THE LAWS OF 1986 IN THE OPERATION OF THE ALCOHOL 7110 MKIII-C
 A METHOD TO DETERMINE BLOOD ALCOHOL
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October
 TWO THOUSAND AND Eighteen

 COLONEL
 NEW JERSEY STATE POLICE

 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
11/19/18	GCFA	Adam Standa
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2828 (Rev. 6/11)

DEPARTMENT OF
Traffic and Public Safety
 Who is to certify that
Brian M. Gambone
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 146 OF
 THE LAWS OF 1986 IN THE OPERATION OF THE ALCOHOL 7110 MKIII-C
 A METHOD TO DETERMINE BLOOD ALCOHOL
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF July
 TWO THOUSAND AND Ten

 SERGEANT
 NEW JERSEY STATE POLICE

 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1/8/17	CCPA	Wm Kern
11/4/14	GCFA	Adam Standa
6/4/16	CMFA	Adam Standa
11/19/18	GCFA	Adam Standa
6.		
7.		
8.		
9.		

S.P. 2828 (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. 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]

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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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.08 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.

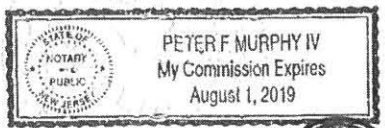
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

[Handwritten 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.

[Handwritten signature]
Notary



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State of New Jersey

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KIM GUADAGNO
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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.

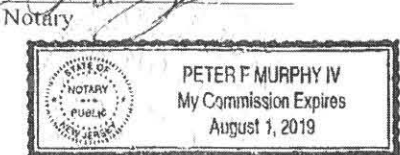
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

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 of Notary]



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State of New Jersey

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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.

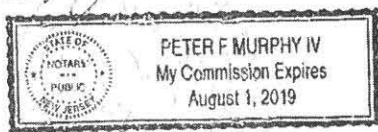
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

[Handwritten signature]

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

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

[Handwritten 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:
DDYA 53-0004

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 Draeger, Inc. BS

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00949 Calib. Date: 04/08/2019 Calib. No.: 00038
Certification File No.: 00950 Cert. Date: 04/08/2019 Cert. No.: 00031
Linearity File No.: 00951 Lin. Date: 04/08/2019 Lin. No.: 00031
Solution File No.: 00952 Soln. Date: 04/08/2019 Soln. No.: 00249
Sequential File No.: 00952 File Date: 04/08/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 03/13/2020
Solution Control Lot: 18090 Bottle No.: 1468

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	17:33D		
Control 1 EC	0.101%	17:34D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	17:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:35D		
Control 2 EC	0.101%	17:35D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	17:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:36D		
Control 3 EC	0.101%	17:37D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	17:37D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:37D		

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: DDUJP2-168 

Changed By:

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: T.P. I B-M #7029

Badge No.: 7029

Date: 04/08/2019



State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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.

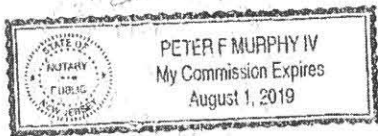
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Handwritten signature of Ali M. Alaoui

Ali M. Alaoui, 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



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