

ALCOTEST CHECKLIST

Municipality: LONGPORT

Alcotest Ser. #: ARXA-0067

County: ATLANTIC

Date of Calibration: 01-31-2019

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. #: DDXC S3-0154

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent
Ser. #: DDWA P2-177

4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 170 297 886

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:
 A. 0.04% used in Calibration/Linearity Testing. DDWF S3-0206
 B. 0.08% used in Calibration/Linearity Testing. Draeger Safety

(when conducting the Calibration/Linearity Tests) for:
 A. 0.04% used in Calibration/Linearity Testing. DDWF S3-0206
 B. 0.08% used in Calibration/Linearity Testing. DDWF S3-0218
 C. 0.10% used in Calibration/Linearity Testing. [Same as CU34 unit on instrument.]
 D. 0.16% used in Calibration/Linearity Testing. DDWT S3-0334

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 #: 18050
 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:

1-10-14

SERIAL NUMBER:

ARXA-00107

Dräger Safety Diagnostics, Inc.

BC

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDXCS3-0154

Certification Date:

1-18-19

Technician:

BS

Re-Certification Due Date:

1-18-20

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:

DDWAP2-177

Certification Date:

1-17-19

Next Certification Due:

1-17-20

Probe Value:

104

Dräger, Inc.

BS



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



Cert. No.: 4000-8483334

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-801 S/N: 170297886 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A78341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/08/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5232	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5350	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	B357	1/05/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 4/22/17 Due Date: 4/22/19
 Test Conditions: 23.9°C 61.0 %RH 1012 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	0.000	Y	-0.048	0.052	0.010	>4:1
°C		N.A.		25.000	25.001	Y	24.950	25.050	0.010	>4:1
°C		N.A.		49.998	50.001	Y	49.948	50.048	0.010	>4:1
°C		N.A.		99.998	100.003	Y	99.948	100.048	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 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 operation once calibrated your Digital Thermometer should maintain its accuracy. There is no easy 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 12534 Galveston RD Suite B230 Webster TX USA 77598
 Phone 281 482-1714 Fax 281 482-8448 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. 1780.01.
 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:

T/ DAVID M NAPOLITANO
Name

7237
Badge No.

Location:

LONGPORT BORO
Agency

ARXA-0067
Alcotest Serial No.

Equipment:

170 297 886
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 S3-0206	1155	1257	33.9 °C
0.08%	DDWF S3-0218	1155	1257	33.9 °C
0.10%	DDXC S3-0154	1155	1258	33.9 °C
0.16%	DDWJ S3-0334	1155	1258	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.

T. D. M. Napolitano 7237
Coordinator's Signature

1/31/2019
Date

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0067
Location: LONGPORT POLICE
Calibration File No.: 00861 Calib. Date: 01/31/2019 Calib. No.: 00034
Certification File No.: 00862 Cert. Date: 01/31/2019 Cert. No.: 00028
Linearity File No.: 00854 Lin. Date: 09/12/2018 Lin. No.: 00027
Solution File No.: 00860 Soln. Date: 01/24/2019 Soln. No.: 00223
Sequential File No.: 00862 File Date: 01/31/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0154
Control Solution %: 0.100% Expires: 08/07/2019
Solution Control Lot: 17230 Bottle No.: 0582

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:14S		
Control 1 EC	0.100%	13:15S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:15S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15S		
Control 2 EC	0.098%	13:16S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:16S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17S		
Control 3 EC	0.098%	13:17S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:18S		

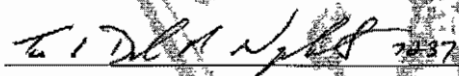
All tests within acceptable tolerance.

Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: 

Badge No.: 7237

Date: 01/31/2019

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.: ARXA-0067
Location: LONGPORT POLICE
Calibration File No.: 00861 Calib. Date: 01/31/2019 Calib. No.: 00034
Certification File No.: 00862 Cert. Date: 01/31/2019 Cert. No.: 00028
Linearity File No.: 00863 Lin. Date: 01/31/2019 Lin. No.: 00028
Solution File No.: 00860 Soln. Date: 01/24/2019 Soln. No.: 00223
Sequential File No.: 00863 File Date: 01/31/2019

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.: 0109

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.: 0849

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.: 0995

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:27S		
Control 1 EC	0.042%	13:28S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:28S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29S		
Control 2 EC	0.040%	13:30S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:30S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32S		
Control 3 EC	0.081%	13:32S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:32S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34S		
Control 4 EC	0.080%	13:35S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.077%	13:35S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36S		
Control 5 EC	0.161%	13:37S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.157%	13:37S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39S		
Control 6 EC	0.161%	13:39S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.157%	13:39S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:41S		

All tests within acceptable tolerance.

Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 01/31/2019

DEPARTMENT OF
Traffic and Public Safety
State of New Jersey

David M. Napolitano

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CIVIL BREATH TESTS PURSUANT TO CHAPTER 10 OF

TITLE 17 OF THE OPERATIONS OF THE **Alcohol 7110 MKII-C**

A METHOD TO DETERMINE INTOXICATION

HEREBY UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 9th day of October

[Signature]
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.		

BP-2230 (Rev. 01/18)

DEPARTMENT OF
Traffic and Public Safety
State of New Jersey

David M. Napolitano
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CIVIL BREATH TESTS PURSUANT TO CHAPTER 10 OF

TITLE 17 OF THE OPERATIONS OF THE **Alcohol 7110 MKII-C**

A METHOD TO DETERMINE INTOXICATION

HEREBY UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 7th day of October

[Signature]
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6/30/12	CAPE MAY P.A.	Adam Stankin
2. 11/6/14	GLPO	Adam Stankin
3. 6/23/16	CMPA	Adam Stankin
4. 1/16/18	LAKE HUDZET	Adam Stankin
5.		
6.		
7.		
8.		
9.		

BP-2230 (Rev. 02/16)



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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(800) 882-8000

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Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. POBBINO
Attorney General

COLONEL JOSEPH R. PUENTES
Inspector General

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 0.0489 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. 17:51-4.3, of approved breath test instruments (N.J.A.C. 17:51-3.5) 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]

All M. Alaouit, 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 E. 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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(609) 882-2000

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.

Signature of Ali M. Alaoui, Ph.D.
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 of Notary
Notary

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



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State of New Jersey

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(609) 882-2000

CHRIS CHRISTIE
Governor

Kim GUADAGNO
Lt. Governor

CHRISTOPHER S. PARRINO
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: Dräger 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. 17:51-4.3, of approved breath test instruments (N.J.A.C. 17:51-3.5) 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.

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

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

NOTARY
PETER F. MURPHY IV
My Commission Expires
August 1, 2018



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State of New Jersey

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CHRISTOPHER S. PARRINO
Attorney General

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: Dräger Safety, Inc.

ANALYSIS DATE: 09/12/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17260

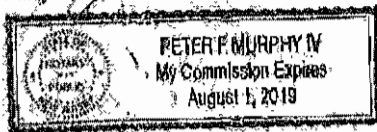
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1937 to 0.1957 grams per 100 milliliters of solution.

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. 13:51-3.3) 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. Alaois, Ph.D.
Research Scientist
NISP 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:

DDWES3-0206

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:

DDWF53-0218

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 GU34
- 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

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	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00861	Calib. Date: 01/31/2019
Certification File No.:	00862	Calib. No.: 00034
Linearity File No.:	00863	Cert. Date: 01/31/2019
Solution File No.:	00864	Cert. No.: 00028
Sequential File No.:	00864	Lin. Date: 01/31/2019
		Lin. No.: 00028
		Soln. Date: 01/31/2019
		Soln. No.: 00224
		File Date: 01/31/2019
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXC S3-0154
Solution Control Lot:	18050	Expires: 01/31/2020
		Bottle No.: 0213

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:10S		
Control 1 EC	0.101%	15:11S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:11S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:11S		
Control 2 EC	0.100%	15:12S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	15:12S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:13S		
Control 3 EC	0.100%	15:14S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:14S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:14S		

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: DDWA P2-177 ^(DN)

Changed By:

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: *T. D. Napolitano* 7237

Badge No.: 7237

Date: 01/31/2019



State of New Jersey

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GURDIR 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: 02/14/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18050

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1229 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 January 31, 2020.

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

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

Sworn to and subscribed before me this 15th day of February, 2018.

[Signature]
Notary

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



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