

ALCOTEST CHECKLIST

Municipality: WILLINGBORO

Alcotest Ser. #: ARWC-0060

County: BURLINGTON

Date of Calibration: 05-21-2020

1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.

2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.
Ser. #: DDWE 53-0189

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDUN P2-293

4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 191959016

5. **NIST - Traceable Digital Thermometer Readings.**

6. A. Alcotest 7110 Calibration Record
 B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
 C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
 D. **Alcotest Card** of operator/coordinator who performed tests.
 E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
Ser. #: DDUN P2-237

7. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/>	A.	0.04% Solution.	<u>18240</u>
<input checked="" type="checkbox"/>	B.	0.08% Solution.	<u>18250</u>
<input checked="" type="checkbox"/>	C.	0.10% Solution.	<u>19270</u>
<input checked="" type="checkbox"/>	D.	0.16% Solution.	<u>18260</u>

8. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety
 A. 0.04% Solution. 18240
 D. 0.16% Solution. 18260

8. 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>ADRF 53-0011</u>
<input checked="" type="checkbox"/>	B.	0.08% used in Calibration/Linearity Testing.	<u>DDRK 53-0014</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>DDWF 53-0216</u>

9. 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 #: 77090

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 48864, 49 FR 48864 and 68 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

2-10-14

SERIAL NUMBER:

ARWC-0060

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
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDWES3-0189

Certification Date:

4.9.20

Technician:

[Signature]

Re-Certification Due Date:

4.9.21

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDUNP2-293

Certification Date:

4.9.20

Next Certification Due:

4.9.21

Probe Value:

103

Dräger, Inc.

[Signature]



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



Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601, S/N: 191959016 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-87F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 13 Feb 2019 Cal Due Date: 13 Feb 2021
 Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.000	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.001	100.004	Y	99.951	100.051	0.0087	>4:1

This certificate indicates traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained hereon relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

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

Nicol Rodriguez
 Nicol Rodriguez, Quality Manager

Aaron Justice
 Aaron Justice, Technical Manager

Note:

Maintaining Accuracy:

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

Recalibration:

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

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

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



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



Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

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

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

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

Coordinator:

TR. 1 DAVID M. NAPOLITANO
Name

7237
Badge No.

Location:

WILLINGBORO TWP POLICE
Agency

ARWC-0060
Alcotest Serial No.

Equipment:

191 959 016
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDRF 53-0011	0805D	0907D	33.9 °C
0.08%	DDRK 53-0014	0805D	0908D	34.0 °C
0.10%	DDWE 53-0189	0805D	0908D	33.9 °C
0.16%	DDWF 53-0216	0805D	0909D	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

5.21.20
Date

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARWC-0060
Location: WILLINGBORO TWP POLICE
Calibration File No.: 00689 Calib. Date: 05/21/2020 Calib. No.: 00040
Certification File No.: 00671 Cert. Date: 11/26/2019 Cert. No.: 00032
Linearity File No.: 00672 Lin. Date: 11/26/2019 Lin. No.: 00032
Solution File No.: 00688 Soln. Date: 03/24/2020 Soln. No.: 00218
Sequential File No.: 00689 File Date: 05/21/2020

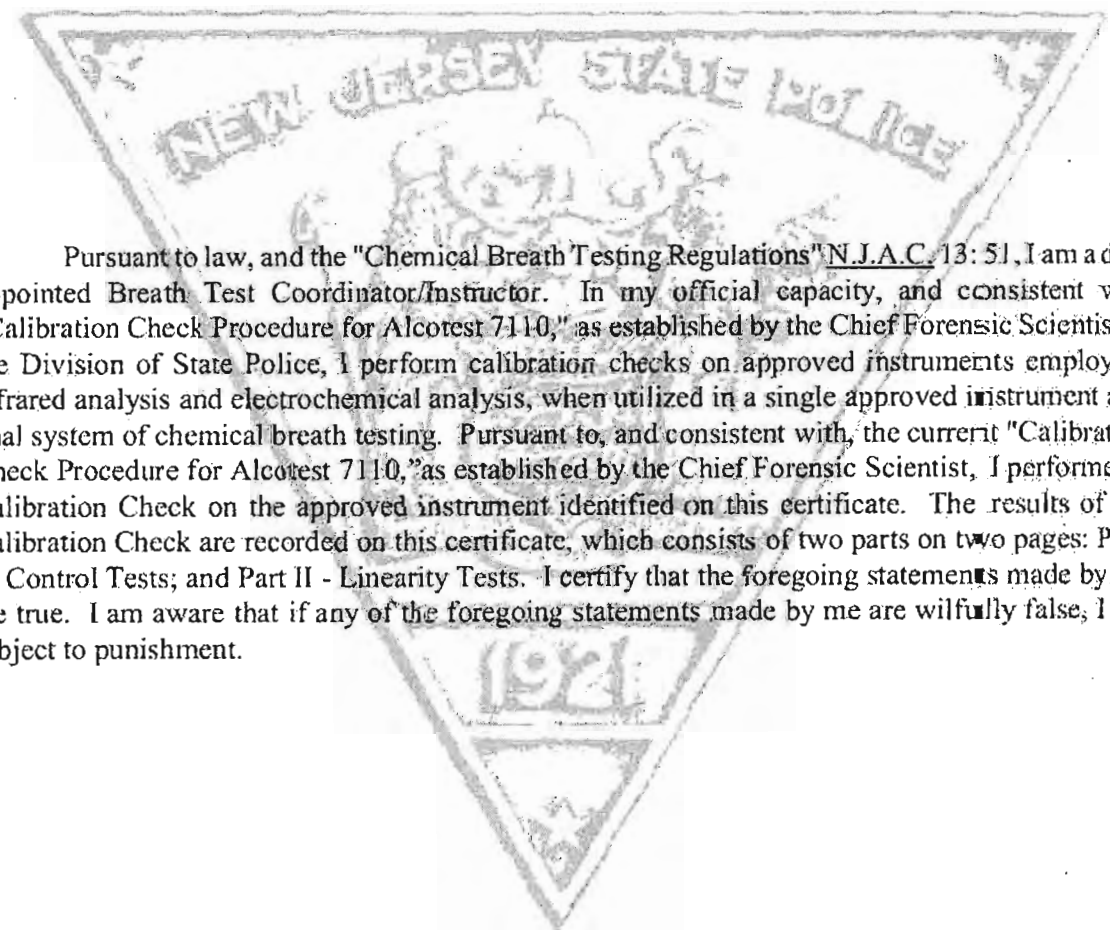
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0189
Control Solution %: 0.100% Expires: 10/14/2021
Solution Control Lot: 19270 Bottle No.: 1063

Coordinator

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

Signature: *David Napolitano* 7237 Badge No.: 7237
Date: 05/21/2020

*Black Key Temperature Probe Serial.....# DDUN P2-237 (2)
*Digital NIST Temperature Measuring System Serial.....# 191 959 016 (2)



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.: ARWC-0060
Location: WILLINGBORO TWP POLICE
Calibration File No.: 00689 Calib. Date: 05/21/2020 Calib. No.: 00040
Certification File No.: 00690 Cert. Date: 05/21/2020 Cert. No.: 00033
Linearity File No.: 00672 Lin. Date: 11/26/2019 Lin. No.: 00032
Solution File No.: 00688 Soln. Date: 03/24/2020 Soln. No.: 00218
Sequential File No.: 00690 File Date: 05/21/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0189
Control Solution %: 0.100% Expires: 10/14/2021
Solution Control Lot: 19270 Bottle No.: 1063

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:18D		
Control 1 EC	0.099%	09:18D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:18D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:19D		
Control 2 EC	0.098%	09:20D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:21D		
Control 3 EC	0.097%	09:21D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.098%	09:21D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:22D		

All tests within acceptable tolerance.

Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: *[Signature]* 7237

Badge No.: 7237

Date: 05/21/2020

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

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARWC-0060
Location: WILLINGBORO TWP POLICE
Calibration File No.: 00689 Calib. Date: 05/21/2020 Calib. No.: 00040
Certification File No.: 00690 Cert. Date: 05/21/2020 Cert. No.: 00033
Linearity File No.: 00691 Lin. Date: 05/21/2020 Lin. No.: 00033
Solution File No.: 00688 Soln. Date: 03/24/2020 Soln. No.: 00218
Sequential File No.: 00691 File Date: 05/21/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0011
Control Solution %: 0.040% Expires: 07/31/2020
Solution Control Lot: 18240 Bottle No.: 1017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0014
Control Solution %: 0.080% Expires: 08/06/2020
Solution Control Lot: 18250 Bottle No.: 1404

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0216
Control Solution %: 0.160% Expires: 08/21/2020
Solution Control Lot: 18260 Bottle No.: 0127

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:32D		
Control 1 EC	0.041%	09:33D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.038%	09:33D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34D		
Control 2 EC	0.040%	09:35D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	09:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:36D		
Control 3 EC	0.081%	09:37D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.081%	09:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39D		
Control 4 EC	0.080%	09:39D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	09:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:41D		
Control 5 EC	0.159%	09:42D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.157%	09:42D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:44D		
Control 6 EC	0.158%	09:44D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:44D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46D		

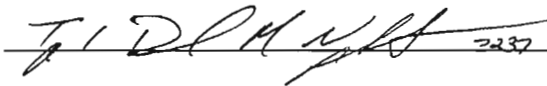
All tests within acceptable tolerance.

Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: 

Badge No.: 7237

Date: 05/21/2020

DEPARTMENT OF
Motor and Public Safety
This is to certify that

David M. Napolitano

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT PHYSICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1964 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

TWO THOUSAND AND Eighteen

[Signature]
 COLONEL
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2336 (Rev. 01/18)

DEPARTMENT OF
Motor and Public Safety
This is to certify that

David M. Napolitano
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT PHYSICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1964 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 7th DAY OF October

TWO THOUSAND AND Ten

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2308 (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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBJR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 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: 08/28/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 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 July 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.

[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 29th day of August, 2018.

[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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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 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: 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 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 06, 2020.

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

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 4th day of September, 2018.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

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



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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
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/21/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1232 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 14, 2021.

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

Handwritten signature of Michael Kennedy

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of October, 2019.

Notary signature

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024

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State of New Jersey

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(609) 882-2000

PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER
l.t. Governor

GURBIR S. GREWAL
Attorney General
PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 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: 09/13/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 to 0.1964 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, 2020.

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

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 16th day of September 2018.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

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



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Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249 12/19/94 Notices)

Dräger, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDRF53-0011

Certification Date:

3-10-20

Technician:

AA

Re-Certification Due Date:

3-10-21

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249 12/19/94 Notices)

Dräger, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDRKS3-0014

Certification Date:

3-10-20

Technician:

AM

Re-Certification Due Date:

3-10-21

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

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

Serial Number:

DDWFS3-0216

Certification Date:

3.9.20

Technician:

AK

Re-Certification Due Date:

3.9.21

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDUNP2-237

Certification Date:

3.11.20

Next Certification Due:

3.11.21

Probe Value:

106

Dräger, Inc.

AK

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWC-0060
Location:	WILLINGBORO TWP POLICE		
Calibration File No.:	00689	Calib. Date:	05/21/2020
Certification File No.:	00690	Cert. No.:	00040
Linearity File No.:	00691	Cert. Date:	05/21/2020
Solution File No.:	00692	Lin. Date:	05/21/2020
Sequential File No.:	00692	Lin. No.:	00033
		Soln. Date:	05/21/2020
		Soln. No.:	00219
		File Date:	05/21/2020
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDWE S3-0189
Solution Control Lot:	20090	Expires:	02/19/2022
		Bottle No.:	0347

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:53D		
Control 1 EC	0.101%	10:54D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:55D		
Control 2 EC	0.099%	10:55D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:56D		
Control 3 EC	0.099%	10:57D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:58D		

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.

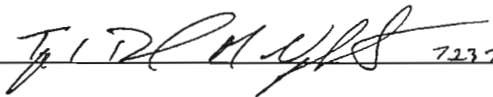
Temperature Probe Serial Number: DDUN P2-293 (20)

Changed By:

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 05/21/2020



State of New Jersey

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

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 03/03/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1218 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 February 19, 2022.

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

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 3 day of March, 2020.
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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