

ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser.#: ARUM - 0073

County: CAMDEN Date of Calibration: 08-29-2019

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 - 0012

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDUJ P2 - 167

4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 191 959 034

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. #: DDMB P1 - 0016

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>18220</u>
<input checked="" type="checkbox"/>	D.	0.16% Solution.	<u>18260</u>

8. **Certificate of Accuracy Alcotest CU34 Simulators** from Draeger Safety
 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>DDCB - 0001</u>
<input checked="" type="checkbox"/>	B.	0.08% used in Calibration/Linearity Testing.	<u>DDAE - 0016</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>DDRK 53 - 0005</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 #: 18090



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 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's specifications.

Certification Date:

Serial Number:

5-9-18

ARUM-0073

Dräger, 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:

DDWA 53-0012

Certification Date:

7-23-19

Technician:

BS

Re-Certification Due Date:

7-23-20

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:

DDU 1 P2-167

Certification Date:

7-23-19

Next Certification Due:

7-23-20

Probe Value:

102

Draeger, Inc.

BS



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



Cert. No.: 4000-10177853

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601, S/N: 191959034 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424360
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

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

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.000	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.001	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.002	100.002	Y	99.952	100.052	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). This uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions any based on test results falling within specified limits with no reduction in the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

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

Nicol Rodriguez

Nicol Rodriguez, Quality Manager

Alan J. ...

Alan J. ... Technician/Manager

Note

Maintaining Accuracy:

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

Recalibration:

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

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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
 Control Company is ISO 9001:2009 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-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.: 4000-10177853

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-01805-2008-AQ-HOU-RVA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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

Coordinator:

TPA. I Brian M. Gambone
Name

7029
Badge No.

Location:

Merchantville Police
Agency

ARUM-0073
Alcotest Serial No.

Equipment:

191959034
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%	DDCB-0001	08:14 D	09:15 D	33.9°C
0.08%	DDAE-0016	08:14 D	09:16 D	33.9°C
0.10%	DDWA 53-0012	08:14 D	09:17 D	34.0°C
0.16%	DDAK 53-0005	08:14 D	09:18 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. I Brian M. Gambone #7029
Coordinator's Signature

8/29/2019
Date

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00973 Calib. Date: 08/29/2019 Calib. No.: 00039
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.: 00970 Soln. Date: 08/07/2019 Soln. No.: 00254
Sequential File No.: 00973 File Date: 08/29/2019

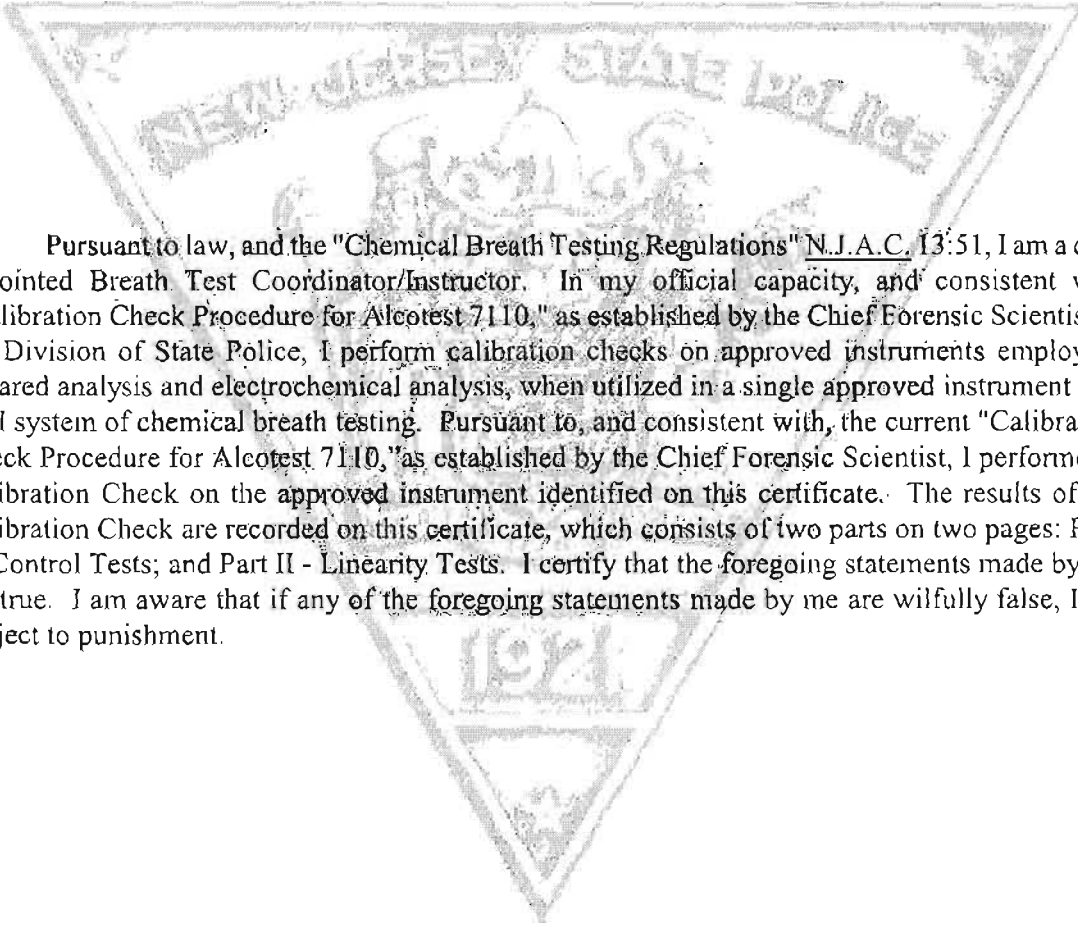
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0012
Control Solution %: 0.100% Expires: 07/23/2020
Solution Control Lot: 18220 Bottle No.: 0291

Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M
Badge No.: 7029
Signature: TPA-E BMM #7029 Date: 08/29/2019

*Black Key Temperature Probe Serial.....# DDMBPI-0016 **BMG**

*Digital NIST Temperature Measuring System Serial.....# 191959034 **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.: 00973 Calib. Date: 08/29/2019 Calib. No.: 00039
Certification File No.: 00974 Cert. Date: 08/29/2019 Cert. No.: 00032
Linearity File No.: 00951 Lin. Date: 04/08/2019 Lin. No.: 00031
Solution File No.: 00970 Soln. Date: 08/07/2019 Soln. No.: 00254
Sequential File No.: 00974 File Date: 08/29/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0012
Control Solution %: 0.100% Expires: 07/23/2020
Solution Control Lot: 18220 Bottle No.: 0291

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:25D		
Control 1 EC	0.100%	09:26D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	09:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:27D		
Control 2 EC	0.100%	09:27D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:28D		
Control 3 EC	0.100%	09:29D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	09:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:29D		

All tests within acceptable tolerance.

Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Badge No.: 7029

Date: 08/29/2019

Signature: Tpa. I B - M #7029

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.: 00973 Calib. Date: 08/29/2019 Calib. No.: 00039
Certification File No.: 00974 Cert. Date: 08/29/2019 Cert. No.: 00032
Linearity File No.: 00975 Lin. Date: 08/29/2019 Lin. No.: 00032
Solution File No.: 00970 Soln. Date: 08/07/2019 Soln. No.: 00254
Sequential File No.: 00975 File Date: 08/29/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCEB-0001
Control Solution %: 0.040% Expires: 07/31/2020
Solution Control Lot: 18240 Bottle No.: 1241

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0016
Control Solution %: 0.080% Expires: 08/06/2020
Solution Control Lot: 18250 Bottle No.: 1121

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0005
Control Solution %: 0.160% Expires: 08/21/2020
Solution Control Lot: 18260 Bottle No.: 0712

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:43D		
Control 1 EC	0.041%	09:44D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:45D		
Control 2 EC	0.041%	09:46D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	09:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:47D		
Control 3 EC	0.082%	09:48D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.081%	09:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:49D		
Control 4 EC	0.082%	09:50D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.082%	09:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:51D		
Control 5 EC	0.162%	09:52D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	09:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:54D		
Control 6 EC	0.161%	09:54D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	09:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56D		

All tests within acceptable tolerance.

Coordinator

Last Name: GAMBONE

First Name: BRIAN

MI: M

Signature: TPA. I Bm # 7029

Badge No.: 7029

Date: 08/29/2019

DEPARTMENT OF
Traffic and Public Safety
 State is to certify that

Brian M. Gambone
 Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CERTAIN TESTS AND PROCEDURES PURSUANT TO CHAPTER 16 OF
 THE LAWS OF 1984 IN REGULATION BY THE ALCOHOLIC BREVETTING BOARD
 AS AUTHORIZED TO OPERATE IN REGULATION
 GIVEN UNDER THE LAWS OF 1984 AT TRENCH, NEW JERSEY THIS 26 DAY OF October

THIS PROGRAM WAS HELD AT Kilgus
 COUNTY OF Essex
 NEW JERSEY POLICE
 AT TRENTON, NEW JERSEY

ORIGINAL COURSE DATES

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

B.P. 2020 (Rev. 4/18)

DEPARTMENT OF
Traffic and Public Safety
 State is to certify that

Brian M. Gambone
 New Jersey Police

IS QUALIFIED AND COMPETENT TO CONDUCT CERTAIN TESTS AND PROCEDURES PURSUANT TO CHAPTER 16 OF
 THE LAWS OF 1984 IN REGULATION BY THE ALCOHOLIC BREVETTING BOARD
 AS AUTHORIZED TO OPERATE IN REGULATION
 GIVEN UNDER THE LAWS OF 1984 AT TRENCH, NEW JERSEY THIS 26 DAY OF July

THIS PROGRAM WAS HELD AT Trenton
 COUNTY OF Essex
 NEW JERSEY POLICE
 AT TRENTON, NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1/28/17	CCPA	Wm. Linn
11/4/14	GCFA	Adam Stankin
6/14/16	CMFA	Adam Stankin
11/19/18	GCFA	Adam Stankin
5.		
6.		
7.		
8.		
9.		

B.P. 2020 (Rev. 02/16)



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TURNTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GRWAL
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.

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

Sworn to and subscribed before me this 29th day of August, 2018.

Mary Elizabeth McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2062180
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

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.

Signature of 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.
Signature of Notary
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
0.10 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: 07/31/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 to 0.1233 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 23, 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. Alacouf, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 1st day of August, 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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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. 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 18th 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)
Draeger, Inc.

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

Serial Number:

DDCB-0001

Certification Date:

Technician:

Re-Certification Due Date:

5-30-19

BS

5-30-20

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:

DDAE-0016

Certification Date:

Technician:

Re-Certification Due Date:

6-11-19

BS

6-11-20

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:

DDRK53-0005

Certification Date:

6-12-19

Technician:

BS

Re-Certification Due Date:

6-12-20

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:

DDMBP1-0016

Certification Date:

6-10-19

Next Certification Due:

6-10-20

Probe Value:

102

Draeger, Inc.

BS



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

GURHIR 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: Dräger Safety, Inc.


ANALYSIS DATE: 04/04/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 to 0.1228 grams per 100 milliliters of solution.

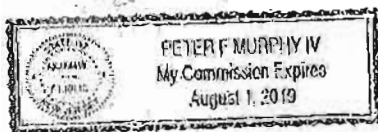
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 13, 2020.

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


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

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

Notary



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