

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: CHERRY HILL TWSP. P.D.
Calibration File No.: 02870
Certification File No.: 02812
Linearity File No.: 02813
Solution File No.: 02864
Sequential File No.: 02870

Calib. Date: 08/15/2023
Cert. Date: 03/16/2023
Lin. Date: 03/16/2023
Soln. Date: 08/04/2023
File Date: 08/15/2023

Serial No.: ARUM-0043

Calib. No.: 00046
Cert. No.: 00041
Lin. No.: 00042
Soln. No.: 00388

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 22240

Model No.: CU-34


Serial No.: DDWA S3-0008
Expires: 07/05/2024
Bottle No.: 0033

Coordinator

Last Name: HALL



First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 08/15/2023

*Black Key Temperature Probe Serial.....# DDL B P3-0112 
*Digital NIST Temperature Measuring System Serial.....# 221 473 009 

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

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment

Alcotest 7110 MKIII-C
Location: CHERRY HILL TWSP. P.D.
Calibration File No.: 02870
Certification File No.: 02871
Linearity File No.: 02813
Solution File No.: 02864
Sequential File No.: 02871

Serial No.: ARUM-0043

Calib. Date: 08/15/2023
Cert. Date: 08/15/2023
Lin. Date: 03/16/2023
Soln. Date: 08/04/2023
File Date: 08/15/2023

Calib. No.: 00046
Cert. No.: 00042
Lin. No.: 00042
Soln. No.: 00388

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 22240

Model No.: CU-34

Serial No.: DDWA S3-0008
Expires: 07/05/2024
Bottle No.: 0033

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:56D		
Control 1 EC	0.100%	08:57D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:57D		
Control 2 EC	0.101%	08:58D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	08:58D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:59D		
Control 3 EC	0.100%	09:00D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	09:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:00D		

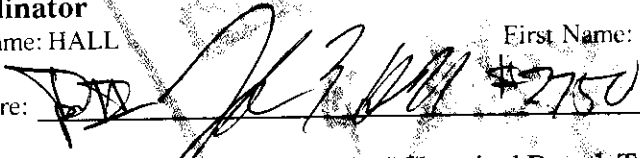
All tests within acceptable tolerance.

Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 08/15/2023

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

Location:	Alcotest 7110 MKIII-C CHERRY HILL TWSP. P.D.	Serial No.: ARUM-0043
Calibration File No.:	02870	Calib. Date: 08/15/2023
Certification File No.:	02871	Calib. No.: 00046
Linearity File No.:	02872	Cert. No.: 00042
Solution File No.:	02864	Lin. Date: 08/15/2023
Sequential File No.:	02872	Lin. No.: 00043
		Soln. Date: 08/04/2023
		Soln. No.: 00388
		File Date: 08/15/2023

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDBN-0007
Control Solution %:	0.040%		Expires: 07/19/2024
Solution Control Lot:	22250		Bottle No.: 1094

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDAE-0016
Control Solution %:	0.080%		Expires: 07/28/2024
Solution Control Lot:	22270		Bottle No.: 0503

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDCN-0051
Control Solution %:	0.160%		Expires: 08/04/2024
Solution Control Lot:	22290		Bottle No.: 1030

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:14D		
Control 1 EC	0.041%	09:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	09:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:16D		
Control 2 EC	0.040%	09:17D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	09:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18D		
Control 3 EC	0.081%	09:19D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:21D		
Control 4 EC	0.081%	09:21D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:23D		
Control 5 EC	0.162%	09:23D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.161%	09:23D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:25D		
Control 6 EC	0.161%	09:26D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:27D		


All tests within acceptable tolerance.

Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 08/15/2023

Calibrating Unit

New Standard Solution Report

Equipment

Alcotest 7110 MKIII-C
Location: CHERRY HILL TWSP. P.D.

Serial No.: ARUM-0043

Calibration File No.: 02811
Certification File No.: 02812
Linearity File No.: 02813
Solution File No.: 02814
Sequential File No.: 02814

Calib. Date: 03/16/2023
Cert. Date: 03/16/2023
Lin. Date: 03/16/2023
Soln. Date: 03/16/2023
File Date: 03/16/2023

Calib. No.: 00045
Cert. No.: 00041
Lin. No.: 00042
Soln. No.: 00382

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 22110

Model No.: CU-34

Serial No.: DDWA S3-0007
Expires: 04/04/2024
Bottle No.: 0603

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:53S	10:53 D WW	
Control 1 EC	0.101%	09:54S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:55S		
Control 2 EC	0.101%	09:56S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:57S		
Control 3 EC	0.099%	09:57S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S	10:58 D WW	

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with
Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDUJP2-158



Changed By:

Last Name: WIDENER

First Name: WILLIAM

MI: F

Signature: Tpr. J. W. Widener #7817

Badge No.: 7817

Date: 03/16/2023

Calibrating Unit

New Standard Solution Report

Equipment

Alcotest 7110 MKIII-C
Location: CHERRY HILL TWSP. P.D.
Serial No.: ARUM-0043
Calibration File No.: 02870 Calib. Date: 08/15/2023 Calib. No.: 00046
Certification File No.: 02871 Cert. Date: 08/15/2023 Cert. No.: 00042
Linearity File No.: 02872 Lin. Date: 08/15/2023 Lin. No.: 00043
Solution File No.: 02873 Soln. Date: 08/15/2023 Soln. No.: 00389
Sequential File No.: 02873 File Date: 08/15/2023

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 22160

Model No.: CU-34

Serial No.: DDWA S3-0008
Expires: 05/09/2024
Bottle No.: 0536

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:41D		
Control 1 EC	0.102%	10:41D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:42D		
Control 2 EC	0.101%	10:43D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43D		
Control 3 EC	0.100%	10:44D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:45D		

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: DDUJ P2- 157 JBH

Changed By:

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: [Signature]

Badge No.: 7750

Date: 08/15/2023

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

Coordinator:

Dr. B. Joshua B. Hill
Name

7750
Badge No.

Location:

Cherry Hill TWSP. P.D.
Agency

ARUM-0043
Alcotest Serial No.

Equipment:

221 473 009
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%	DDBN-0007	07:41D	08:42D	33.9°C
0.08%	DDAE-0016	07:41D	08:43D	33.9°C
0.10%	DDWAS3-0008	07:41D	08:44D	33.9°C
0.16%	DDCN-0051	07:41D	08:45D	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.

[Signature]
Coordinator's Signature

08/15/2023
Date



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:

DDBN - 0007

Certification Date:

5-22-23

Technician:

DH / MB

Re-Certification Due Date:

5-22-24



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:

DDAE - 0016

Certification Date:

5-23-23

Technician:

DH / MB

Re-Certification Due Date:

5-23-24

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:

DDCN-0051

Certification Date:

Technician:

Re-Certification Due Date:

2/14/2023

TM/MB

2/14/2024

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:

Certification Date:

Next Certification Due:

DDLBP3-0112

5-30-23

5-30-24

Probe Value:

105

Draeger, Inc.

DH/MB



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



Cert. No.: 4000-13326270

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601,

S/N: 221473009

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Probe	128	09 Jul 2022	15-D4F0Q-40-1
Thermistor Module	A17118	08 Jul 2022	1000469276
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Thermistor Module	B96381	18 Aug 2022	1000470702
Temperature Probe	5392	04 Aug 2022	4500006080
Temperature Probe	5398	24 Aug 2022	4500006081
Thermistor Module	B96382	08 Oct 2022	1000472708
Temperature Probe	5410	20 Oct 2022	4500006780

Certificate Information:

Technician: 299

Procedure: CAL-06

Cal Date: 25 Apr 2022

Cal Due Date: 25 Apr 2024

Test Conditions: 58.46%RH 23.43°C 1017mBar

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.		0.000	0.000	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.000	Y	24.95	25.05	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.002	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.005	100.002	Y	99.955	100.055	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 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

Marisa Elms
Marisa Elms, 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.

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-13326270

Traceable® Certificate of Calibration for Digital Thermometer

Recalibration:

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

Issue Date : 25 Apr 2022

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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.

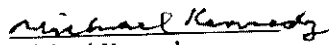
ANALYSIS DATE: 07/18/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23200

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 0.1219 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 June 5, 2025.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19 day of July, 2023.

Notary 

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
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 07/21/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1219 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 05, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2022.
[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110022
My Commission Expires 0/13/2024



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State of New Jersey

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Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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.

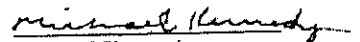
ANALYSIS DATE: 05/23/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22160

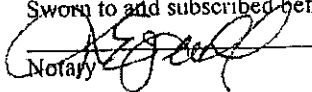
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1223 grams per 100 milliliters of solution.

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 May 9, 2024.

As Acting OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26 day of May, 2022.


Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110822
My Commission Expires 01/13/2024



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(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 04/26/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22110

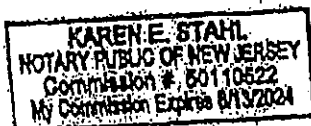
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1237 grams per 100 milliliters of solution.

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 April 4, 2024.

As Acting OFS Director 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
Acting OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of April, 2022.
[Signature]
Notary



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Lt. Governor

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Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 04/26/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22110

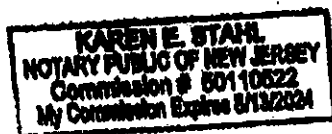
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1237 grams per 100 milliliters of solution.

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 April 4, 2024.

As Acting OFS Director 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
Acting OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of April, 2022.
[Signature]
Notary



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SHELLEY Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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.

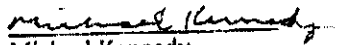
ANALYSIS DATE: 05/23/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22160

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1223 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 May 9, 2024.

As Acting OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26 day of May, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110622
My Commission Expires 01/3/2024



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Governor

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Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

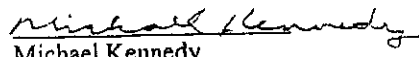
ANALYSIS DATE: 08/17/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0483 grams per 100 milliliters of solution.

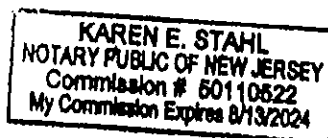
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 19, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary 



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Governor

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Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 08/18/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0983 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 28, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary

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



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Governor

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Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 08/22/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1924 to 0.1948 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 4, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.
[Signature]
Notary

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



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DEPARTMENT OF
Traffic and Public Safety
What is to certify that

Joshua B. Hall
Breath Test Coordinator/Instructor

IN COMPLIANCE AND CONFORMITY TO CHAPTER 140 OF THE LAWS OF NEW JERSEY, AS AMENDED, AND THE REGULATIONS OF THE NEW JERSEY BREATH TEST COORDINATOR/INSTRUCTOR BOARD, I HEREBY CERTIFY THAT THE ABOVE NAMED INDIVIDUAL HAS COMPLETED THE REQUIRED TRAINING AND EXAMINATION AND IS QUALIFIED TO CONDUCT BREATH TESTS IN ACCORDANCE WITH THE LAWS OF NEW JERSEY AND THE REGULATIONS OF THE NEW JERSEY BREATH TEST COORDINATOR/INSTRUCTOR BOARD.

ALSO, I HEREBY CERTIFY THAT THE ABOVE NAMED INDIVIDUAL HAS COMPLETED THE REQUIRED TRAINING AND EXAMINATION AND IS QUALIFIED TO CONDUCT BREATH TESTS IN ACCORDANCE WITH THE LAWS OF NEW JERSEY AND THE REGULATIONS OF THE NEW JERSEY BREATH TEST COORDINATOR/INSTRUCTOR BOARD.

DATE: 1/1/2022 TIME: 12:00 PM DAY OF: March

[Signature] ACTING ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

S.P. 2308 (Rev. 12/21)

DEPARTMENT OF
Traffic and Public Safety
What is to certify that

Joshua B. Hall
New Jersey State Police

IN COMPLIANCE AND CONFORMITY TO CHAPTER 140 OF THE LAWS OF NEW JERSEY, AS AMENDED, AND THE REGULATIONS OF THE NEW JERSEY BREATH TEST COORDINATOR/INSTRUCTOR BOARD, I HEREBY CERTIFY THAT THE ABOVE NAMED INDIVIDUAL HAS COMPLETED THE REQUIRED TRAINING AND EXAMINATION AND IS QUALIFIED TO CONDUCT BREATH TESTS IN ACCORDANCE WITH THE LAWS OF NEW JERSEY AND THE REGULATIONS OF THE NEW JERSEY BREATH TEST COORDINATOR/INSTRUCTOR BOARD.

ALSO, I HEREBY CERTIFY THAT THE ABOVE NAMED INDIVIDUAL HAS COMPLETED THE REQUIRED TRAINING AND EXAMINATION AND IS QUALIFIED TO CONDUCT BREATH TESTS IN ACCORDANCE WITH THE LAWS OF NEW JERSEY AND THE REGULATIONS OF THE NEW JERSEY BREATH TEST COORDINATOR/INSTRUCTOR BOARD.

DATE: 1/1/2022 TIME: 12:00 PM DAY OF: December

[Signature] ACTING ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>8/22/19</u>	<u>NTSP Gallaway Bldg</u>	<u>[Signature]</u>
2. <u>1/12/21</u>	<u>ACCL</u>	<u>[Signature]</u>
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

S.P. 2308 (Rev. 12/21)

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 50 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:

10-7-16

SERIAL NUMBER:

ARUM-0043

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)
Draeger, Inc.

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

Serial Number:

DDWAS3-0008

Certification Date:

7-12-23

Technician:

DH/ MB

Re-Certification Due Date:

7-12-24

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:

DDWJP2-157

Certification Date:

7-12-23

Next Certification Due:

7-12-24

Probe Value:

106

Draeger, Inc.

DH/ MB



NEW JERSEY STATE POLICE
Alcohol Drug Testing Unit

Tpr. II Joshua B. Hall #7750

Hamilton Technology Complex
Suite #400
1200 Negron Drive
Hamilton, NJ 08691

Tel#: (609) 584-5051 ext 5608
Email: Joshua.Hall@njsp.gov
Cell# (609) 947-3179