


Dräger**Alcotest 7110****CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date:

Serial Number:

3/16/21ARXB-0074

Dräger, Inc..

GR

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:
DDBJ-0006

Certification Date:
6-14-23

Technician:
DH / MB

Re-Certification Due Date:
6-14-24

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:
DDWJP2-088

Certification Date:
6-14-23

Next Certification Due:
6-14-24

Probe Value:
107

Dräger, Inc. DH / MB



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



Cert. No.: 4000-14045037

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: 230208353

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
PRT Temperature Probe	02022	13 Dec 2023	4500022592
Temperature Probe	5357	01 Jul 2023	4500015492
Thermistor Module	B5C344	20 Jun 2023	1000481112
Temperature Calibration Bath	B93537		
Thermistor Module	B96381	23 Aug 2023	1000483176
Temperature Probe	5392	06 Sep 2023	4500018330
Temperature Probe	5398	06 Sep 2023	4500018329
Digital Thermometer	B96088	10 Mar 2024	1000489962

Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 27 Mar 2023

Cal Due Date: 27 Mar 2025

Test Conditions: 57.99%RH 23.66°C 1013mBar

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	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.005	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.003	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		99.999	100.000	Y	99.949	100.049	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

Jenny Ren

Jenny Ren, 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-01805-2006-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.: 4000-14045037

Traceable® Certificate of Calibration for Digital Thermometer

Recalibration:

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

Issue Date : 27 Mar 2023

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).

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

Coordinator:

Tpr. II William F. Widener
Name

7817
Badge No.

Location:

Franklin Township P.D.
Agency

ARXB-0074
Alcotest Serial No.

Equipment:

230 208 353
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDWE S3-0206	12:26 D (WW)	13:27 D (WW)	33.9°C
0.08%	DDCK-0010	12:26 D (WW)	13:28 D (WW)	34.0°C
0.10%	DDBJ-0006	12:26 D (WW)	13:29 D (WW)	33.9°C
0.16%	DDCK-0011	12:26 D (WW)	13:30 D (WW)	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 ± 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.

Tpr. II Wm. F. Widener #7817
Coordinator's Signature

04/01/2024
Date

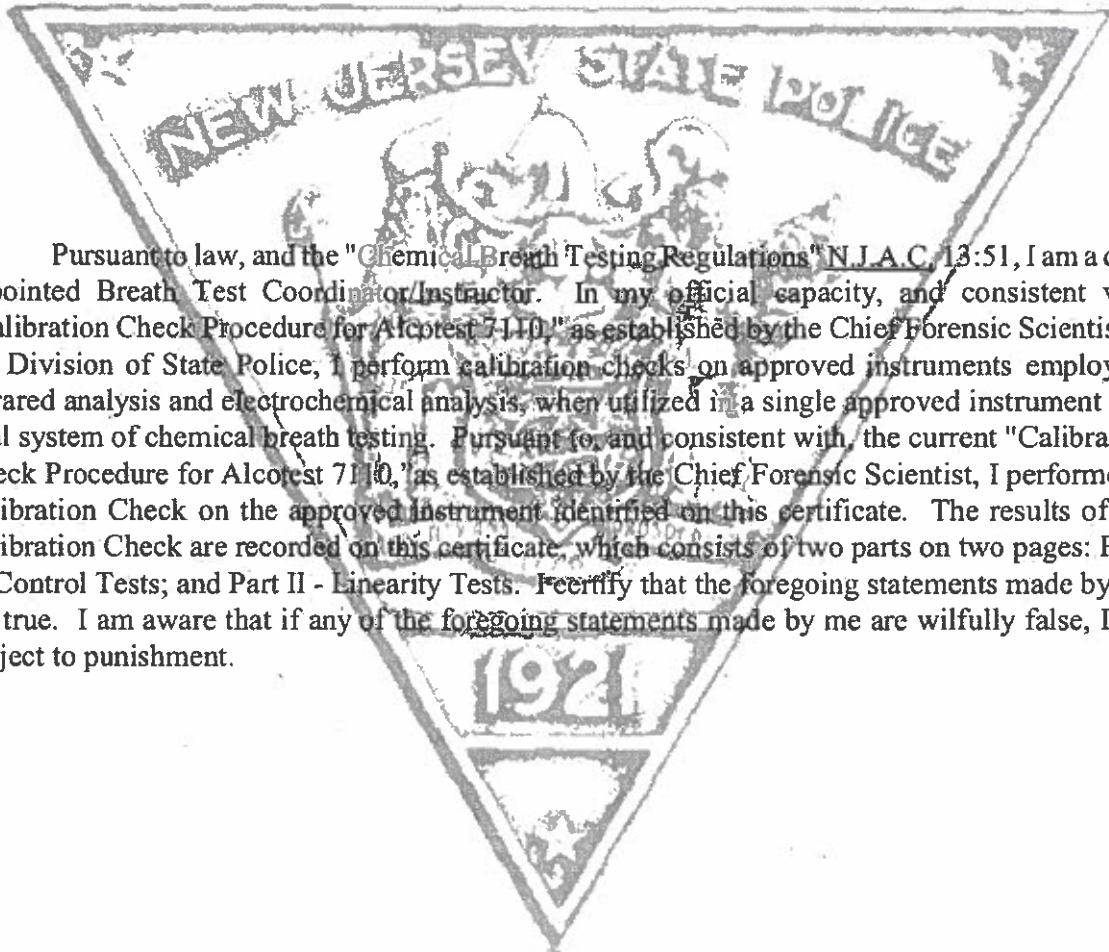
Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXB-0074
Location:	FRANKLIN TOWNSHIP P.D.		
Calibration File No.:	00622	Calib. Date:	04/01/2024
Certification File No.:	00606	Cert. Date:	11/06/2023
Linearity File No.:	00607	Lin. Date:	11/06/2023
Solution File No.:	00617	Soln. Date:	02/23/2024
Sequential File No.:	00622	File Date:	04/01/2024
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDBJ-0006
Solution Control Lot:	22230	Expires:	06/28/2024
		Bottle No.:	0235

Coordinator

Last Name: WIDENER First Name: WILLIAM MI: F
Signature: Wm F. Widener #7817 Badge No.: 7817
Date: 04/01/2024

*Black Key Temperature Probe Serial.....# DDLHPI-0071 (WFW)
*Digital NIST Temperature Measuring System Serial.....# 230 208 353 (WFW)



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.: ARXB-0074
Location: FRANKLIN TOWNSHIP P.D.
Calibration File No.: 00622 Calib. Date: 04/01/2024 Calib. No.: 00043
Certification File No.: 00623 Cert. Date: 04/01/2024 Cert. No.: 00036
Linearity File No.: 00607 Lin. Date: 11/06/2023 Lin. No.: 00035
Solution File No.: 00617 Soln. Date: 02/23/2024 Soln. No.: 00197
Sequential File No.: 00623 File Date: 04/01/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBJ-0006
Control Solution %: 0.100% Expires: 06/28/2024
Solution Control Lot: 22230 Bottle No.: 0235

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:38S	13:38 D WW	
Control 1 EC	0.100%	12:39S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:40S		
Control 2 EC	0.099%	12:40S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:41S		
Control 3 EC	0.098%	12:42S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:42S	13:42 D WW	

All tests within acceptable tolerance.

Coordinator

Last Name: WIDENER

First Name: WILLIAM

MI: F

Signature: 

Badge No.: 7817

Date: 04/01/2024

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.: ARXB-0074
Location: FRANKLIN TOWNSHIP P.D.
Calibration File No.: 00622 Calib. Date: 04/01/2024 Calib. No.: 00043
Certification File No.: 00623 Cert. Date: 04/01/2024 Cert. No.: 00036
Linearity File No.: 00624 Lin. Date: 04/01/2024 Lin. No.: 00036
Solution File No.: 00617 Soln. Date: 02/23/2024 Soln. No.: 00197
Sequential File No.: 00624 File Date: 04/01/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0206
Control Solution %: 0.040% Expires: 07/19/2024
Solution Control Lot: 22250 Bottle No.: 0651

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCK-0010
Control Solution %: 0.080% Expires: 07/28/2024
Solution Control Lot: 22270 Bottle No.: 1010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCK-0011
Control Solution %: 0.160% Expires: 08/04/2024
Solution Control Lot: 22290 Bottle No.: 0694

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:57S	13:57 D WW	
Control 1 EC	0.041%	12:58S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	12:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:59S		
Control 2 EC	0.040%	13:00S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:02S		
Control 3 EC	0.079%	13:02S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:04S		
Control 4 EC	0.079%	13:05S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.078%	13:05S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:06S		
Control 5 EC	0.157%	13:07S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	13:07S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09S		
Control 6 EC	0.157%	13:09S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:09S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11S	14:11 D WW	

All tests within acceptable tolerance.

Coordinator

Last Name: WIDENER

First Name: WILLIAM

MI: F

Signature: TARIL W. F. WIDENER #7817

Badge No.: 7817

Date: 04/01/2024

DEPARTMENT OF
Motor and Public Safety
 This is to certify that

William F. Widener III
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN ACCORDANCE WITH CHAPTER 143 OF
 THE LAWS OF 1986 IN THE OPERATION OF THE
 A METHOD TO DETERMINE INTOXICATION.
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 19th DAY OF August
 TWO THOUSAND AND Sixteen

L.P.H. SUPERINTENDENT
 NEW JERSEY STATE POLICE
Chas. S.P. ATTORNEY GENERAL
 STATE OF NEW JERSEY

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	12/3/18	GUES	Chas. S.P.
2.	9-8-20	ACCP	Wm. L. S.
3.	2-7-22	ACCP	J.S.M.
4.			
5.			
6.			
7.			
8.			
9.			

G.P. 293B (Rev. 08/15)

DEPARTMENT OF
Motor and Public Safety
 This is to certify that

William F. Widener

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT MEDICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF
 THE LAWS OF 1986 IN THE OPERATION OF THE Alcotest 7110 MKIII-C
 A METHOD TO DETERMINE INTOXICATION.
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 1st DAY OF March
 TWO THOUSAND AND Twenty Three

D. J. P. COLONEL
 NEW JERSEY STATE POLICE
Mr. J. L. ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

G.P. 293B (Rev. 10/22)



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
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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

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

Notary [Signature]

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



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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 0.080 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



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
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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: 07/20/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1194 to 0.1212 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 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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110622
My Commission Expires 8/13/2024



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COLONEL PATRICK J. CALLAHAN
Superintendent

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

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
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 # 80110522
My Commission Expires 8/13/2024



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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:

DDWES3-0206

Certification Date:

12-2-23

Technician:

DH / CR

Re-Certification Due Date:

12-2-24

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:

DDCK-0010

Certification Date:

12-4-23

Technician:

DH / CR

Re-Certification Due Date:

12-4-24

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:

DDCK-0011

Certification Date:

12-4-23

Technician:

DH / CR

Re-Certification Due Date:

12-4-24

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:

DDLHP1-0071

Certification Date:

12-5-23

Next Certification Due:

12-5-24

Probe Value:

106

Draeger, Inc.

DH / CR

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXB-0074
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	00622	Calib. Date: 04/01/2024
Certification File No.:	00623	Calib. No.: 00043
Linearity File No.:	00624	Cert. Date: 04/01/2024
Solution File No.:	00625	Cert. No.: 00036
Sequential File No.:	00625	Lin. Date: 04/01/2024
		Lin. No.: 00036
		Soln. Date: 04/01/2024
		Soln. No.: 00198
		File Date: 04/01/2024
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDBJ-0006
Solution Control Lot:	22410	Expires: 10/26/2024
		Bottle No.: 0731

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:20S	15:20 0 WW	
Control 1 EC	0.101%	14:21S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:21S		
Control 2 EC	0.099%	14:22S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:23S		
Control 3 EC	0.099%	14:23S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:24S	15:24 0 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: DDWJ2-088 (WFW)

Changed By:

Last Name: WIDENER

First Name: WILLIAM

MI: F

Signature: Wm. F. Widener #7817

Badge No.: 7817

Date: 04/01/2024



State of New Jersey

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Governor

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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: 12/06/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22410

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1213 to 0.1227 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 26, 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 12 day of December 2022.

[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 2/13/2024



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