

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: SEASIDE HEIGHTS POLICE  
Serial No.: ARWJ-0018  
Calibration File No.: 01975  
Calib. Date: 01/20/2022  
Calib. No.: 00045  
Certification File No.: 01924  
Cert. Date: 07/27/2021  
Cert. No.: 00035  
Linearity File No.: 01925  
Lin. Date: 07/27/2021  
Lin. No.: 00035  
Solution File No.: 01973  
Soln. Date: 01/01/2022  
Soln. No.: 00341  
Sequential File No.: 01975  
File Date: 01/20/2022

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 20220  
Model No.: CU-34  
Serial No.: DDWL S3-0441  
Expires: 05/06/2022  
Bottle No.: 0329

## Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: \_\_\_\_\_

*Tpr I Dent 7045*

Badge No.: 7045

Date: 01/20/2022

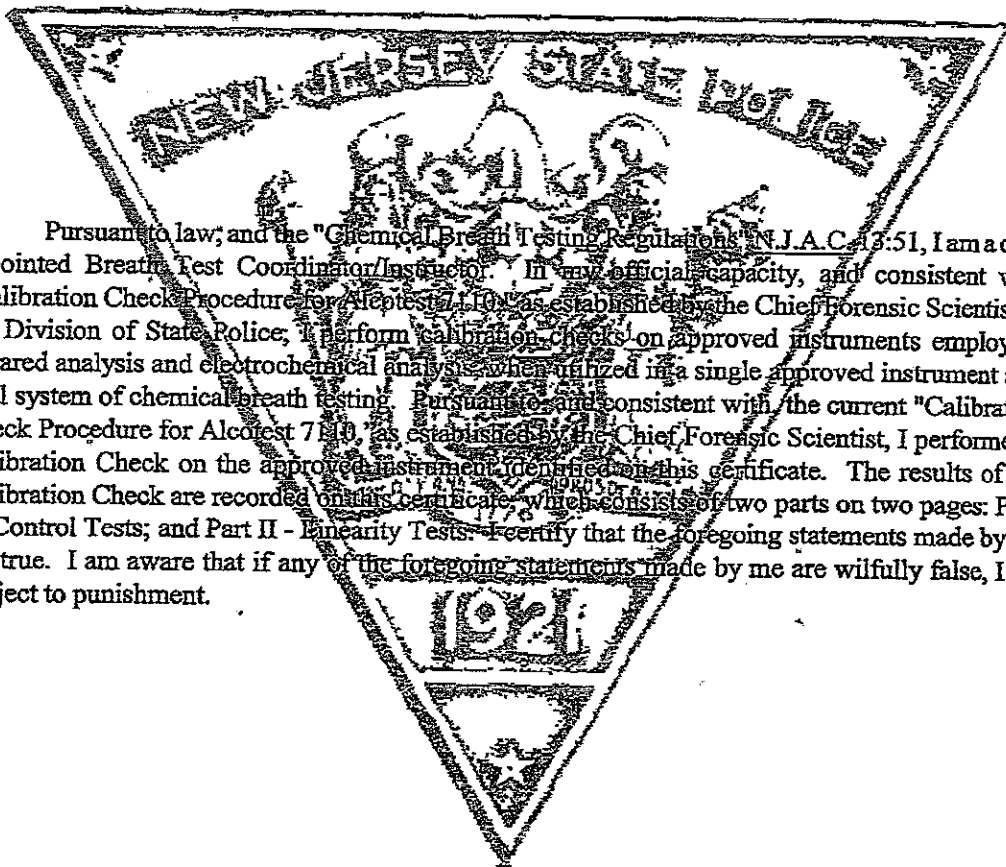
\*Black Key Temperature Probe Serial.....#

PDEE P2-060 (DL)

\*Digital NIST Temperature Measuring System Serial.....#

200 357843 (DL)

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:27, 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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	Calib. No.:	00045
Calibration File No.:	01975	Calib. Date:	01/20/2022
Certification File No.:	01976	Cert. Date:	01/20/2022
Linearity File No.:	01925	Lin. Date:	07/27/2021
Solution File No.:	01973	Soln. Date:	01/01/2022
Sequential File No.:	01976	File Date:	01/20/2022
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDWL S3-0441
Solution Control Lot:	20220	Expires:	05/06/2022
		Bottle No.:	0329

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:19S		
Control 1 EC	0.100%	13:20S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:20S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:21S		
Control 2 EC	0.097%	13:21S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:21S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:22S		
Control 3 EC	0.098%	13:23S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:23S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:24S		

All tests within acceptable tolerance.

**Coordinator**

Last Name: LUTZ

Signature: T. I. Lutz

First Name: DENNIS

MI: J

Badge No.: 7045

Date: 01/20/2022

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	Calib. No.:	00045
Calibration File No.:	01975	Cert. Date:	01/20/2022
Certification File No.:	01976	Lin. Date:	01/20/2022
Linearity File No.:	01977	Soln. Date:	01/01/2022
Solution File No.:	01973	File Date:	01/20/2022
Sequential File No.:	01977		
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDWE S3-0211
Solution Control Lot:	20260	Expires:	06/08/2022
		Bottle No.:	0107
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDXC S3-0020
Solution Control Lot:	20270	Expires:	06/11/2022
		Bottle No.:	0193
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDMK S3-0008
Solution Control Lot:	20280	Expires:	06/17/2022
		Bottle No.:	0043

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:39S		
Control 1 EC	0.042%	13:40S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:42S		
Control 2 EC	0.040%	13:42S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	13:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:44S		
Control 3 EC	0.080%	13:45S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:45S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:46S		
Control 4 EC	0.078%	13:47S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	13:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:49S		
Control 5 EC	0.158%	13:49S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	13:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:51S		
Control 6 EC	0.157%	13:52S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	13:52S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:54S		

All tests within acceptable tolerance.

**Coordinator**

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: \_\_\_\_\_

*Tpr. I. Lutz*

7045

Badge No.: 7045

Date: 01/20/2022

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	
Calibration File No.:	01975	Calib. Date: 01/20/2022
Certification File No.:	01976	Calib. No.: 00045
Linearity File No.:	01977	Cert. Date: 01/20/2022
Solution File No.:	01978	Cert. No.: 00036
Sequential File No.:	01978	Lin. Date: 01/20/2022
		Lin. No.: 00036
		Soln. Date: 01/20/2022
		Soln. No.: 00342
		File Date: 01/20/2022

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWL S3-0441
Control Solution %:	0.100%			Expires:	01/13/2023
Solution Control Lot:	21010			Bottle No.:	0180

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:07S		
Control 1 EC	0.101%	15:08S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:08S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:09S		
Control 2 EC	0.099%	15:09S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.100%	15:09S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:10S		
Control 3 EC	0.098%	15:11S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:11S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:12S		

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: DDWJP2-064 DC

**Changed By:**

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: Tpr I Dent 7045

Badge No.: 7045

Date: 01/20/2022

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

**Coordinator:**

Tpr I Dennis J Lutz  
Name

7045  
Badge No.

**Location:**

Seaside Heights Police  
Agency

ARWJ-0018  
Alcotest Serial No.

**Equipment:**

200 357 8413  
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 S3-0211	11:58 <sup>s</sup>	12:59 <sup>s</sup>	33.9 <sup>o</sup> C
0.08%	DPXC S3-0020	11:56 <sup>s</sup>	13:00 <sup>s</sup>	33.9 <sup>o</sup> C
0.10%	DDWL S3-0441	11:56 <sup>s</sup>	13:02 <sup>s</sup>	34.0 <sup>o</sup> C
0.16%	DDMK S3-0008	11:56 <sup>s</sup>	13:03 <sup>s</sup>	34.0 <sup>o</sup> 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.

Tpr I Lutz 7045  
Coordinator's Signature

1-20-22  
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)  
Draeger, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: \_\_\_\_\_

Serial Number:

DDWES3-D211

Certification Date:

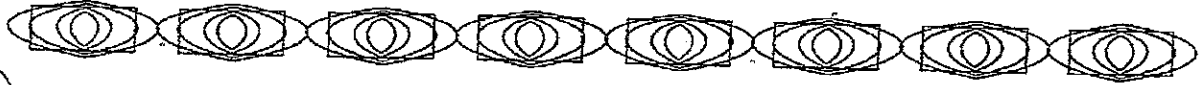
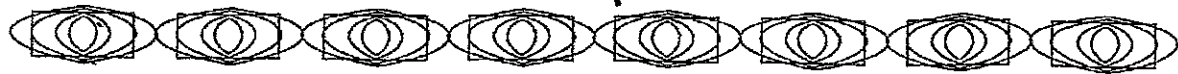
Technician:

Re-Certification Due Date:

3-18-21

MB

3-18-22



# 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:

DDXCS3-0020

Certification Date:

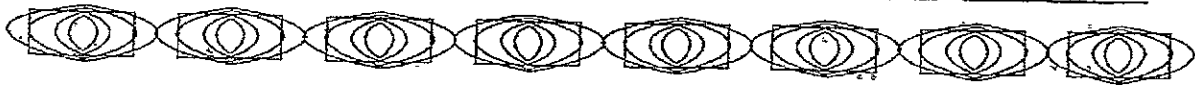
Technician:

Re-Certification Due Date:

6-21-21

AM

6-21-22



**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:

DDMKS3-0008

Certification Date:

6-21-21

Technician:

CR

Re-Certification Due Date:

6-21-22

**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:

DDEEP2-060

Certification Date:

6-21-21

Next Certification Due:

6-21-22

Probe Value:

106

Dräger, Inc.

mi



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



Cert. No.: 4000-11349797

**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: 200357843

Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	21 Feb 2021	C0220030
Temperature Calibration Bath	B16388		
Temperature Probe	5287	21 Feb 2021	C0220028
Temperature Calibration Bath	B3A444		
Thermistor Module	B96381	16 Jul 2020	B9628028
Temperature Probe	5398	16 Jul 2020	B9605083
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5410	13 Sep 2020	B9801031

**Certificate Information:**

Technician: 420

Procedure: CAL-06

Cal Date: 15 Jun 2020

Cal Due Date: 15 Jun 2022

Test Conditions: 52.44%RH 23.46°C 1018mBar

**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	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.001	25.001	Y	24.951	25.051	0.0087	>4:1
°C	N.A.	N.A.		50.002	50.001	Y	49.952	50.052	0.0087	>4:1
°C	N.A.	N.A.		100.001	99.998	Y	99.951	100.051	0.0087	>4:1

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained 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= $\pm(\text{Max}-\text{Min})/2$ ; Min=As Left Nominal(Rounded) - Tolerance; Max=As Left Nominal(Rounded) + Tolerance;

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Maria Elms*

Maria 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 life, 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 17025:2005 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-H01F-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).





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



Cert. No.: 4000-11349797

**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 15 Jan 2020

**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 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1780.01.  
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).



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) 882-3000

PHILIP D. MURPHY
Governor

SHEILA Y OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 05/22/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 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 May 06, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27th day of May, 2020.
Notary



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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
0.040 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: 07/29/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0481 to 0.0486 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 08, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18th day of August, 2020.
Mayerne Kucker
Notary



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State of New Jersey

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PHILIP D MURPHY
Governor

SHEILA Y OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 08/07/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0974 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 11, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18th day of August, 2020.
Notary



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**Dräger**

**Alcotest® 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

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

Certification Date:

10-12-16

SERIAL NUMBER:

ARWJ-0018

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:

DDWLS3-0441

Certification Date:

11.11.21

Technician:

AM

Re-Certification Due Date:

11.11.22

**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:

DDWJP2-064

Certification Date:

11.11.21

Next Certification Due:

11.11.22

Probe Value:

100

Draeger, Inc.

AM