

# Alcotest 7110 Calibration Record

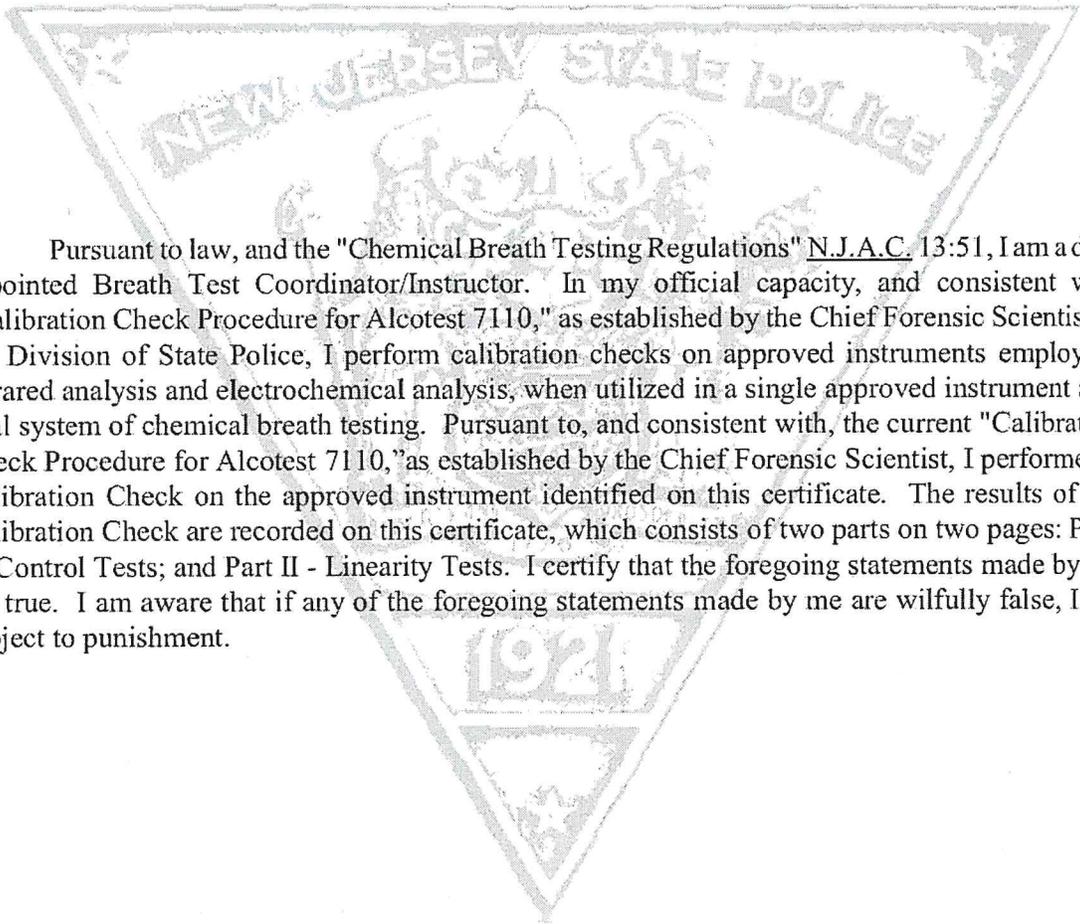
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTL-0014  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00624 Calib. Date: 09/09/2021 Calib. No.: 00048  
Certification File No.: 00607 Cert. Date: 03/31/2021 Cert. No.: 00036  
Linearity File No.: 00608 Lin. Date: 03/31/2021 Lin. No.: 00036  
Solution File No.: 00623 Soln. Date: 08/12/2021 Soln. No.: 00254  
Sequential File No.: 00624 File Date: 09/09/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061  
Control Solution %: 0.100% Expires: 10/16/2021  
Solution Control Lot: 19280 Bottle No.: 1185

## Coordinator

Last Name: WATSON First Name: MATTHEW MI: R  
Signature: Sgt. Matthew N. Watson #7078 Badge No.: 7078  
Date: 09/09/2021

\*Black Key Temperature Probe Serial.....# DDLBP3-0098 MRW  
\*Digital NIST Temperature Measuring System Serial.....# 200247685 MRW



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.: ARTL-0014  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00624 Calib. Date: 09/09/2021 Calib. No.: 00048  
Certification File No.: 00625 Cert. Date: 09/09/2021 Cert. No.: 00037  
Linearity File No.: 00608 Lin. Date: 03/31/2021 Lin. No.: 00036  
Solution File No.: 00623 Soln. Date: 08/12/2021 Soln. No.: 00254  
Sequential File No.: 00625 File Date: 09/09/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061  
Control Solution %: 0.100% Expires: 10/16/2021  
Solution Control Lot: 19280 Bottle No.: 1185

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:01D		
Control 1 EC	0.100%	10:02D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:02D		
Control 2 EC	0.101%	10:03D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	10:03D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:03D		
Control 3 EC	0.101%	10:04D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:04D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:05D		

All tests within acceptable tolerance.

### Coordinator

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature: Sgt.  #7078

Badge No.: 7078

Date: 09/09/2021

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  
Location: SOUTH BRUNSWICK POLICE  
Serial No.: ARTL-0014  
Calibration File No.: 00624 Calib. Date: 09/09/2021 Calib. No.: 00048  
Certification File No.: 00625 Cert. Date: 09/09/2021 Cert. No.: 00037  
Linearity File No.: 00626 Lin. Date: 09/09/2021 Lin. No.: 00037  
Solution File No.: 00623 Soln. Date: 08/12/2021 Soln. No.: 00254  
Sequential File No.: 00626 File Date: 09/09/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0187  
Control Solution %: 0.040% Expires: 06/08/2022  
Solution Control Lot: 20260 Bottle No.: 1170

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0015  
Control Solution %: 0.080% Expires: 06/11/2022  
Solution Control Lot: 20270 Bottle No.: 0666

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0006  
Control Solution %: 0.160% Expires: 06/17/2022  
Solution Control Lot: 20280 Bottle No.: 0047

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:16D		
Control 1 EC	0.041%	10:16D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	10:16D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		
Control 2 EC	0.041%	10:18D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	10:18D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:20D		
Control 3 EC	0.081%	10:20D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	10:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:22D		
Control 4 EC	0.081%	10:22D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	10:22D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:24D		
Control 5 EC	0.161%	10:24D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.162%	10:24D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:26D		
Control 6 EC	0.161%	10:26D	33.8°C	*** TEST PASSED ***
Control 6 IR	0.163%	10:26D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:28D		

All tests within acceptable tolerance.

### Coordinator

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature: Sgt. Matthew A. Watson #7078

Badge No.: 7078

Date: 09/09/2021

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTL-0014
Location:	SOUTH BRUNSWICK POLICE		
Calibration File No.:	00624	Calib. Date:	09/09/2021
Certification File No.:	00625	Cert. Date:	09/09/2021
Linearity File No.:	00626	Lin. Date:	09/09/2021
Solution File No.:	00627	Soln. Date:	09/09/2021
Sequential File No.:	00627	File Date:	09/09/2021
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUF S3-0061
Solution Control Lot:	21010	Expires:	01/13/2023
		Bottle No.:	1436

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:37D		
Control 1 EC	0.102%	11:38D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.102%	11:38D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:38D		
Control 2 EC	0.103%	11:39D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.102%	11:39D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:40D		
Control 3 EC	0.103%	11:40D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.103%	11:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:41D		

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 P2-215 MRW

**Changed By:**

Last Name: WATSON	First Name: MATTHEW	MI: R
Signature: <u>Sgt.  #7078</u>	Badge No.: 7078	Date: 09/09/2021

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

**Coordinator:**

Sgt. Matthew R. Watson  
Name

7078  
Badge No.

**Location:**

South Brunswick Police  
Agency

ARTL-0014  
Alcotest Serial No.

**Equipment:**

200247685  
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%	DDXD 53-0187	08:50 <sub>0</sub>	09:57 <sub>0</sub>	34.0 <sup>o</sup> c
0.08%	DDRK 53-0015	08:50 <sub>0</sub>	09:52 <sub>0</sub>	34.0 <sup>o</sup> c
0.10%	DDUF 53-0061	08:50 <sub>0</sub>	09:53 <sub>0</sub>	34.0 <sup>o</sup> c
0.16%	DDRK 53-0006	08:50 <sub>0</sub>	09:55 <sub>0</sub>	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.

Sgt. Matthew R. Watson #7078  
Coordinator's Signature

09/09/2021  
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:

DDXDS3-0187

Certification Date:

6-21-21

Technician:

am

Re-Certification Due Date:

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)  
Draeger, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

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

Serial Number:

DDPKS3-0015

Certification Date:

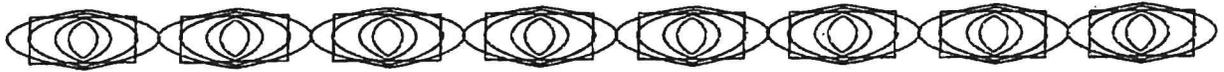
6-21-21

Technician:

am

Re-Certification Due Date:

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:

DDPKS3-0006

Certification Date:

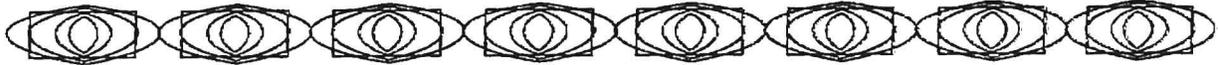
6.21.21

Technician:

AM

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:

DDLBP3-0098

Certification Date:

6.21.21

Next Certification Due:

6.21.22

Probe Value:

104

Dräger, Inc. AM





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



Cert. No.: 4000-11236881

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured 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: 200247685 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Probe	128	06 Jun 2020	15-C2Z0T-40-1
Thermistor Module	A17118	21 May 2020	1000441638
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A73332		
Temperature Probe	3039	06 Jun 2020	15-C2Z0T-20-1
Temperature Calibration Bath	A79341		
Temperature Calibration Bath	B16388		
Temperature Probe	5267	21 Feb 2021	C0220028
Temperature Calibration Bath	B93537		
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5407	19 Aug 2020	B9801028

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 20 Apr 2020 Cal Due Date: 20 Apr 2022  
 Test Conditions: 59.19%RH 23.31°C 1014mBar

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	0.004	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.001	25.004	Y	24.951	25.051	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.004	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.004	100.006	Y	99.954	100.054	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 17025:2005 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-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.: 4000-11236881

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**Traceable® Certificate of Calibration for Digital Thermometer**

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**Recalibration:**

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

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Issue Date : 20 Apr 2020

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**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**

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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

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/25/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19280

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 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 October 16, 2021.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

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

Notary

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



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Lt. Governor

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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.
Maryanne Kueckel
Notary



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State of New Jersey

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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.
Marianne Kucher
Notary



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GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 07/17/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20280

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1949 to 0.1977 grams per 100 milliliters of solution.

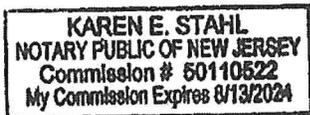
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 17, 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 28 day of July, 2020.

Notary



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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

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: 01/28/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21010

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1228 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is January 13, 2023.

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 29 day of January, 2021.

Notary

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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PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER
Lt. Governor

ANDREW J. BRUCK
Acting 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: 09/28/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1216 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 September 1, 2023.

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 29 day of September, 2021.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110822
My Commission Expires 6/13/2024



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DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

**Matthew R. Watson**  
New Jersey State Police



IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1964 IN THE OPERATION OF THE **Alcohol 7110 MKIII-C**  
A METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 10th DAY OF August

TWO THOUSAND AND 10th

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 11-8-12	GCPA	Wm Long
2. 7/14/15	CMPA	Adam Gander
3. 3/23/17	Lakehurst	Michelle Smeal
4. 9-20-19	GCFA	Wm Long
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 03/10)

DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

**Matthew R. Watson**  
Breath Test Courtroom Instructor



IS QUALIFIED AND COMPETENT TO CONDUCT COURTROOM ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1964 IN THE OPERATION OF THE **Alcohol 7110 MKIII-C**  
A METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 8th DAY OF June

TWO THOUSAND AND Sixteen

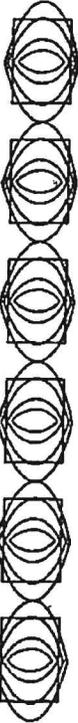
*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[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. _____	_____	_____

S.P. 293B (Rev. 03/13)

# 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 MKII-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:

3/12/2021

ARTL-0014

Dräger, Inc. CR



**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. 248 12/19/94 Notices)  
Dräger, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

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

Serial Number:

DDUFS3-DD61

Certification Date:

6.14.21

Technician:

MB

Re-Certification Due Date:

6.14.22

**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:

DDUJP2-215

Certification Date:

6.14.21

Next Certification Due:

6.14.22

Probe Value:

105

Dräger, Inc.

MB