

# Alcotest 7110 Calibration Record

## Equipment

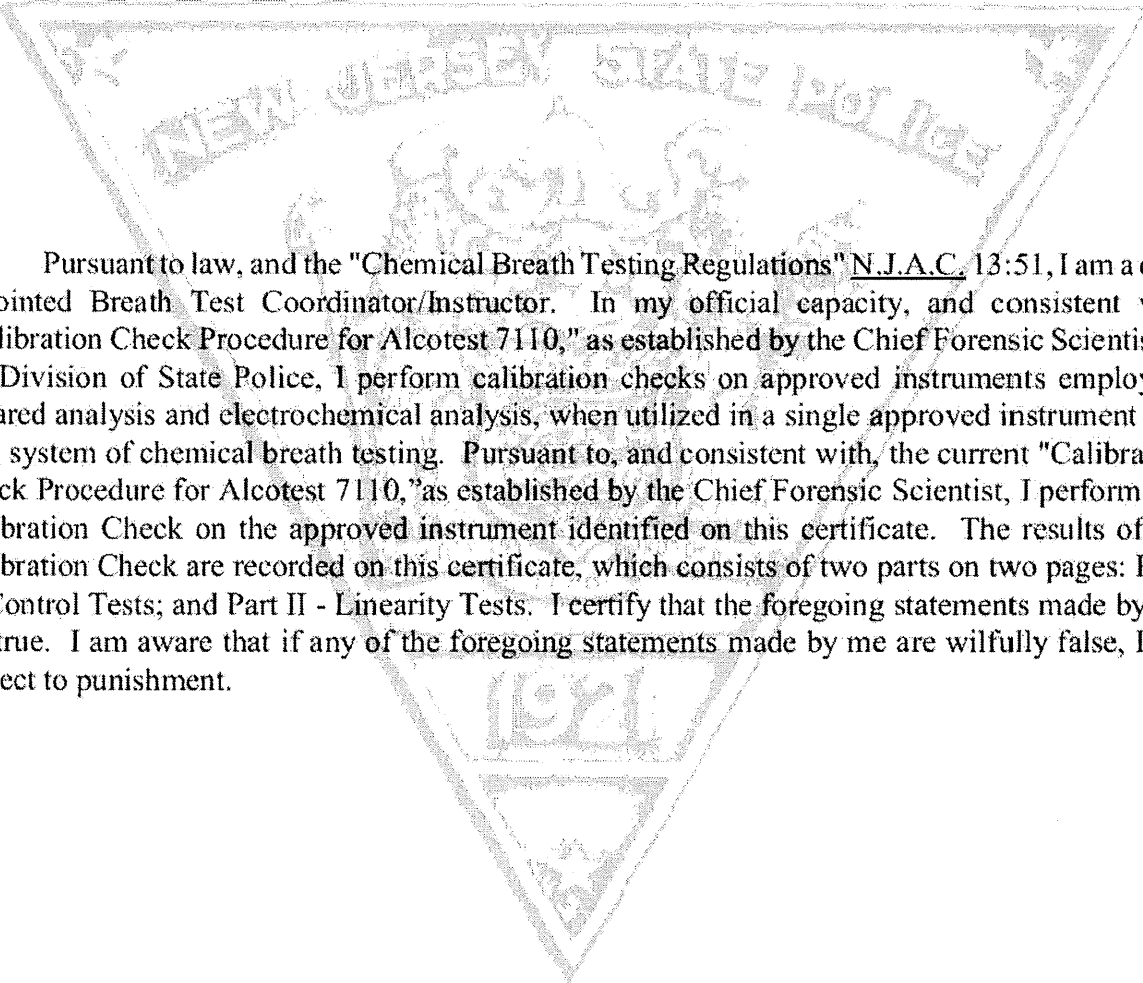
Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location: MARLBORO TWP. POLICE		
Calibration File No.: 00965	Calib. Date: 12/20/2021	Calib. No.: 00048
Certification File No.: 00961	Cert. Date: 08/25/2021	Cert. No.: 00037
Linearity File No.: 00962	Lin. Date: 08/25/2021	Lin. No.: 00041
Solution File No.: 00963	Soln. Date: 08/25/2021	Soln. No.: 00258
Sequential File No.: 00965	File Date: 12/20/2021	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXC S3-0164
Control Solution %: 0.100%		Expires: 05/06/2022
Solution Control Lot: 20220		Bottle No.: 1431

## Coordinator

Last Name: MIMIKOS First Name: NICHOLAS MI: E.  
Signature: TPR II. *NM* # 7413 Badge No.: 7413  
Date: 12/20/2021

\*Black Key Temperature Probe Serial.....# DDEE P2-099 (NM)

\*Digital NIST Temperature Measuring System Serial.....# 210216823 (NM)



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.: ARXA-0069  
Location: MARLBORO TWP. POLICE  
Calibration File No.: 00965 Calib. Date: 12/20/2021 Calib. No.: 00048  
Certification File No.: 00966 Cert. Date: 12/20/2021 Cert. No.: 00038  
Linearity File No.: 00962 Lin. Date: 08/25/2021 Lin. No.: 00041  
Solution File No.: 00963 Soln. Date: 08/25/2021 Soln. No.: 00258  
Sequential File No.: 00966 File Date: 12/20/2021

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0164  
Control Solution %: 0.100% Expires: 05/06/2022  
Solution Control Lot: 20220 Bottle No.: 1431

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	07:52S		
Control 1 EC	0.100%	07:53S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.101%	07:53S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:54S		
Control 2 EC	0.100%	07:54S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.101%	07:54S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:55S		
Control 3 EC	0.100%	07:56S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.100%	07:56S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:56S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

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

*N. A. #7413*

Badge No.: 7413

Date: 12/20/2021

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069		
Location:	MARLBORO TWP. POLICE				
Calibration File No.:	00965	Calib. Date:	12/20/2021	Calib. No.:	00048
Certification File No.:	00966	Cert. Date:	12/20/2021	Cert. No.:	00038
Linearity File No.:	00967	Lin. Date:	12/20/2021	Lin. No.:	00042
Solution File No.:	00963	Soln. Date:	08/25/2021	Soln. No.:	00258
Sequential File No.:	00967	File Date:	12/20/2021		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0223
Control Solution %:	0.040%			Expires:	06/08/2022
Solution Control Lot:	20260			Bottle No.:	0891
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0193
Control Solution %:	0.080%			Expires:	06/11/2022
Solution Control Lot:	20270			Bottle No.:	1082
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDSC S3-0013
Control Solution %:	0.160%			Expires:	06/17/2022
Solution Control Lot:	20280			Bottle No.:	0971

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:17S		
Control 1 EC	0.040%	08:18S	33.8°C	*** TEST PASSED ***
Control 1 IR	0.039%	08:18S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:19S		
Control 2 EC	0.040%	08:20S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	08:20S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:21S		
Control 3 EC	0.081%	08:21S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	08:21S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:23S		
Control 4 EC	0.080%	08:23S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	08:23S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:25S		
Control 5 EC	0.160%	08:26S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.161%	08:26S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:27S		
Control 6 EC	0.160%	08:28S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	08:28S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:29S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

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

*TPR II. N. #7413*

Badge No.: 7413

Date: 12/20/2021

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE		
Calibration File No.:	00965	Calib. Date:	12/20/2021
Certification File No.:	00966	Cert. Date:	12/20/2021
Linearity File No.:	00967	Lin. Date:	12/20/2021
Solution File No.:	00968	Soln. Date:	12/20/2021
Sequential File No.:	00968	File Date:	12/20/2021

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXC S3-0164
Control Solution %:	0.100%			Expires:	01/13/2023
Solution Control Lot:	21010			Bottle No.:	0659

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:37S		
Control 1 EC	0.103%	09:38S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.102%	09:38S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39S		
Control 2 EC	0.102%	09:39S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.104%	09:39S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:40S		
Control 3 EC	0.103%	09:41S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.102%	09:41S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:41S		

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 P2-080 (NM)

**Changed By:**

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR II. RA #7413

Badge No.: 7413

Date: 12/20/2021

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

**Coordinator:**

TPR II. Nicholas E. Mimikos  
Name

7413  
Badge No.

**Location:**

Marlboro Twp. Police  
Agency

ARXA-0069  
Alcotest Serial No.

**Equipment:**

210216823  
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%	DDWF S3-0223	06:245	07:395	34.0°C
0.08%	DDXD S3-0193	06:245	07:415	34.0°C
0.10%	DDXC S3-0164	06:245	07:435	34.1°C
0.16%	DDSC S3-0013	06:245	07:445	34.0°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius  $\pm$  0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

TPR II. [Signature] #7413  
Coordinator's Signature

12/20/2021  
Date

**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 7110-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 49864, 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:

4-4-19

ARXA-0269

Dräger, Inc.

BS



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



Cert. No.: 4000-12064539

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: 210216823

Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Rows include Thermistor Module, Temperature Calibration Bath, and Temperature Probe.

Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 17 Mar 2021

Cal Due Date: 17 Mar 2023

Test Conditions: 62.18%RH 22.28°C 1006mBar

Calibration Data: (New Instrument)

Table with 11 columns: Unit(s), Nominal, As Found, In Tol, Nominal, As Left, In Tol, Min, Max, ±U, TUR. Rows show calibration data for 0°C, 25°C, 50°C, and 100°C.

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, Quality Manager

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-01805-2006-AQ-HOU-ANAB. International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

# 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.

---

Issue Date : 17 Mar 2021

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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**

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.: 4000-12064539**

**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:

DDWF53-0223

Certification Date:

6.17.21

Technician:

AM

Re-Certification Due Date:

6.17.22

**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:

DDXDS3-0193

Certification Date:

6.17.21

Technician:

AM

Re-Certification Due Date:

6.17.22

**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:

DDSC53-0013

Certification Date:

6.17.21

Technician:

AM

Re-Certification Due Date:

6.17.22

**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:

DDEEP2-099

Certification Date:

6.21.21

Next Certification Due:

6.21.22

Probe Value:

105

Draeger, Inc.

AM

**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:

DDXCS3-0164

Certification Date:

8.12.21

Technician:

AM

Re-Certification Due Date:

8.12.22

**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:

DDUJ P2-080

Certification Date:

8.12.21

Next Certification Due:

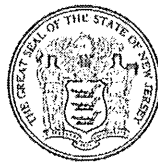
8.12.22

Probe Value:

103

Dräger, Inc.

AM



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: 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

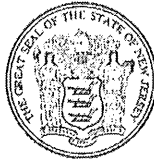
Sworn to and subscribed before me this 18th day of August, 2020.
Notary



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State of New Jersey

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Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, 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

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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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.
Marianne Kucher
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.

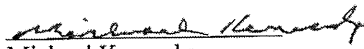
**ANALYSIS DATE:** 01/28/2021

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 21010

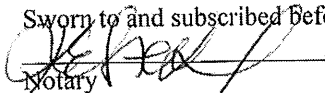
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1228 grams per 100 milliliters of solution.

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

**NICHOLAS E. MIMIKOS**  
**NEW JERSEY STATE POLICE**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1966 IN THE OPERATION OF THE **ALCOTEST 7110 MKIII-C**  
 A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 13rd DAY OF OCTOBER

TWO THOUSAND AND FOURTEEN

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6-3-16	Berlen Co PA	<i>[Signature]</i>
2. 1-19-18	Berlen Co PA	<i>[Signature]</i>
3. 2-20-20	Berlen Co PA	<i>[Signature]</i>
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 06/15)

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

**Nicholas E. Mimikos**  
**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C**  
 A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

TWO THOUSAND AND Eighteen

*[Signature]*  
 COLONEL  
 NEW JERSEY STATE POLICE

*[Signature]*  
 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. 01/18)

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE	Calib. No.:	00048
Calibration File No.:	00965	Calib. Date:	12/20/2021
Certification File No.:	00966	Cert. Date:	12/20/2021
Linearity File No.:	00967	Lin. Date:	12/20/2021
Solution File No.:	00969	Soln. Date:	12/23/2021
Sequential File No.:	00969	File Date:	12/23/2021
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXC S3-0162
Solution Control Lot:	20310	Expires:	06/30/2022
		Bottle No.:	0367

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	17:48S		
Control 1 EC	0.099%	17:49S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	17:49S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:50S		
Control 2 EC	0.098%	17:50S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	17:50S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:51S		
Control 3 EC	0.099%	17:52S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	17:52S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:52S		

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 P2-0666 (NM)

**Changed By:**

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR II. AA #7413

Badge No.: 7413

Date: 12/23/2021

**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:

DDXCS3-0162

Certification Date:

12.21.21

Technician:

AM

Re-Certification Due Date:

12.21.22

**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:

DDUJP2-066

Certification Date:

12.21.21

Next Certification Due:

12.21.22

Probe Value:

103

Draeger, Inc.

AM



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: 08/13/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20310

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1206 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 30, 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 21 day of August, 2020.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110622
My Commission Expires 8/13/2024



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

**NICHOLAS E. MIMIKOS**  
**NEW JERSEY STATE POLICE**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1966 IN THE OPERATION OF THE **ALCOTEST 7110 MKIII-C**  
 A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF **OCTOBER**

TWO THOUSAND AND **FOURTEEN**

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ACTING ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6-3-16	PERLEN C.P.A.	<i>[Signature]</i>
2. 1-19-18	PERLEN C.P.A.	<i>[Signature]</i>
3. 2-20-20	PERLEN C.P.A.	<i>[Signature]</i>
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 08/13)

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

**Nicholas E. Mimikos**

**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C**  
 A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF **October**

TWO THOUSAND AND **Eighteen**

*[Signature]*  
 COLONEL  
 NEW JERSEY STATE POLICE

*[Signature]*  
 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. 01/18)