

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: LONG BRANCH POLICE DEPT  
Serial No.: ARXA-0056  
Calibration File No.: 00966  
Calib. Date: 05/31/2022  
Calib. No.: 00037  
Certification File No.: 00940  
Cert. Date: 12/27/2021  
Cert. No.: 00030  
Linearity File No.: 00941  
Lin. Date: 12/27/2021  
Lin. No.: 00030  
Solution File No.: 00964  
Soln. Date: 05/29/2022  
Soln. No.: 00212  
Sequential File No.: 00966  
File Date: 05/31/2022

Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDXN S3-0216  
Control Solution %: 0.100%  
Expires: 06/16/2023  
Solution Control Lot: 21210  
Bottle No.: 0177

## Coordinator

Last Name: HALL



First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 05/31/2022

\*Black Key Temperature Probe Serial.....# DDXK P2-390   
\*Digital NIST Temperature Measuring System Serial.....# 210 216 802 

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, which 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 notification, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.



# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

### Equipment

Alcotest 7110 MKIII-C  
Location: LONG BRANCH POLICE DEPT  
Serial No.: ARXA-0056  
Calibration File No.: 00966  
Calib. Date: 05/31/2022  
Calib. No.: 00037  
Certification File No.: 00967  
Cert. Date: 05/31/2022  
Cert. No.: 00031  
Linearity File No.: 00941  
Lin. Date: 12/27/2021  
Lin. No.: 00030  
Solution File No.: 00964  
Soln. Date: 05/29/2022  
Soln. No.: 00212  
Sequential File No.: 00967  
File Date: 05/31/2022  
Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDXN S3-0216  
Control Solution %: 0.100%  
Expires: 06/16/2023  
Solution Control Lot: 21210  
Bottle No.: 0177

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:04D		
Control 1 EC	0.099%	09:05D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:06D		
Control 2 EC	0.098%	09:07D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:08D		
Control 3 EC	0.098%	09:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

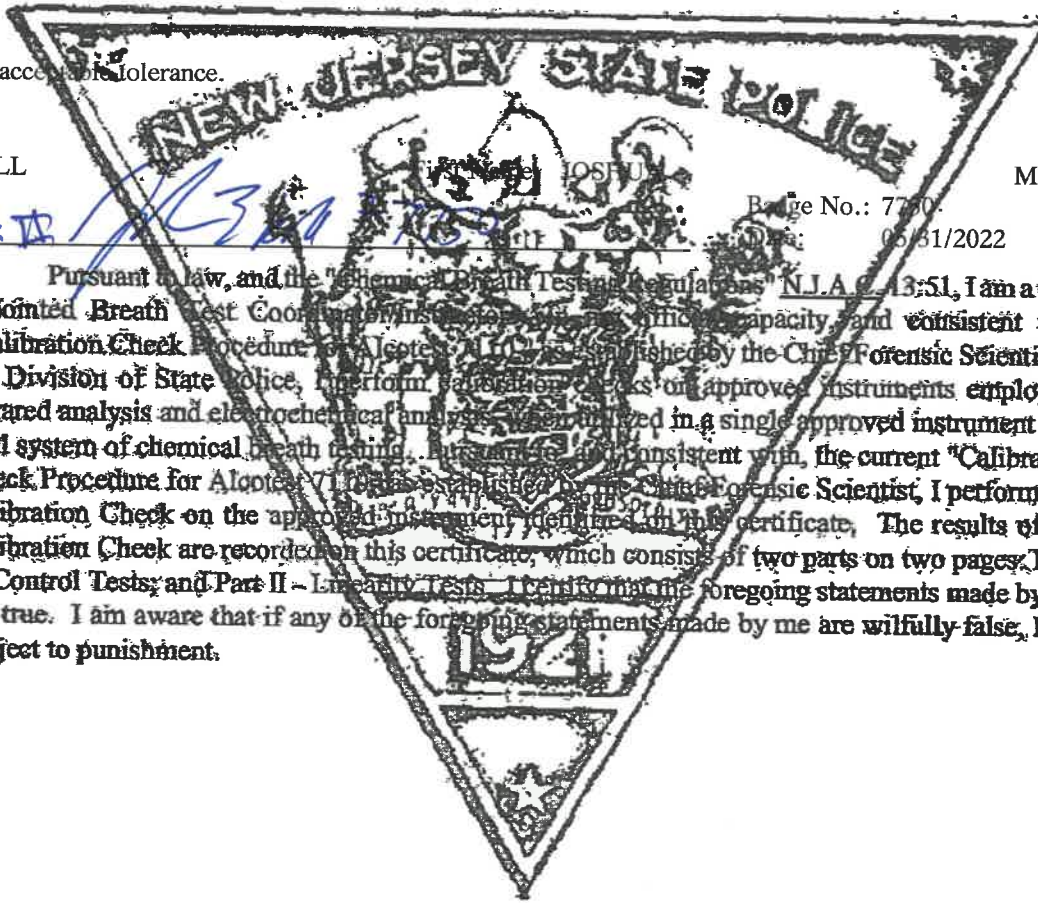
Signature: 

MI: B

Badge No.: 7730

Date: 05/31/2022

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator in my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110" 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" 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-0056
Location:	LONG BRANCH POLICE DEPT	
Calibration File No.:	00966	Calib. Date: 05/31/2022
Certification File No.:	00967	Calib. No.: 00037
Linearity File No.:	00968	Cert. Date: 05/31/2022
Solution File No.:	00964	Lin. No.: 00031
Sequential File No.:	00968	Soln. No.: 00212
		File Date: 05/31/2022
 Calibrating Unit:	 WET	 Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDCB-0001
Solution Control Lot:	21250	Expires: 07/06/2023
		Bottle No.: 0074
 Calibrating Unit:	 WET	 Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDCB-0002
Solution Control Lot:	21260	Expires: 07/19/2023
		Bottle No.: 0190
 Calibrating Unit:	 WET	 Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDBN-0007
Solution Control Lot:	21290	Expires: 07/29/2023
		Bottle No.: 0019

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:28D		
Control 1 EC	0.040%	09:28D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	09:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:30D		
Control 2 EC	0.040%	09:31D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:32D		
Control 3 EC	0.081%	09:33D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	09:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:35D		
Control 4 EC	0.079%	09:35D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	09:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:37D		
Control 5 EC	0.161%	09:38D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	09:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39D		
Control 6 EC	0.159%	09:40D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:42D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 05/31/2022

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0056  
**Location:** LONG BRANCH POLICE DEPT  
**Calibration File No.:** 00966 **Calib. Date:** 05/31/2022 **Calib. No.:** 00037  
**Certification File No.:** 00967 **Cert. Date:** 05/31/2022 **Cert. No.:** 00031  
**Linearity File No.:** 00968 **Lin. Date:** 05/31/2022 **Lin. No.:** 00031  
**Solution File No.:** 00969 **Soln. Date:** 05/31/2022 **Soln. No.:** 00213  
**Sequential File No.:** 00969 **File Date:** 05/31/2022

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDXN S3-0216  
**Control Solution %:** 0.100% **Expires:** 09/01/2023  
**Solution Control Lot:** 21360 **Bottle No.:** 0395

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:00D		
Control 1 EC	0.100%	11:01D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:01D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02D		
Control 2 EC	0.100%	11:02D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:03D		
Control 3 EC	0.099%	11:04D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:04D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:05D		

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:** PDXA P2-114

### Changed By:

Last Name: HALL

First Name: JOSHUA

MI: B

Signature: 

Badge No.: 7750

Date: 05/31/2022

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

**Coordinator:**

Tor. D. Joshua B. Hall  
Name

7750  
Badge No.

**Location:**

Long Branch Police Dept  
Agency

ARXA-0056  
Alcotest Serial No.

**Equipment:**

210 216 802  
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulator Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	PDCB-0001	07:47D	08:49D	33.9°C
0.08%	PDCB-0002	07:47D	08:50D	34.0°C
0.10%	DDXN 53-0216	07:47D	08:52D	33.9°C
0.16%	DDBN-0007	07:47D	08:53D	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.

Tor. D. Joshua B. Hall # 7750  
Coordinator's Signature

05/31/2022  
Date

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDCB-0001

Certification Date:

4.5.22

Technician:

MB

Re-Certification Due Date:

4.5.23

**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:

DDCB-0002

Certification Date:

4.5.22

Technician:

MB

Re-Certification Due Date:

4.5.23

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)  
Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDBN-D007

Certification Date:

4.5.22

Technician:

MB

Re-Certification Due Date:

4.5.23

**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:

DDXK P2-390

Certification Date:

4.1.22

Next Certification Due:

4.1.23

Probe Value:

104

Dräger, Inc.

MB



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



Cert. No.: 4000-12064518

### 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: 210216802

Manufacturer: Control Company

#### Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	01 Mar 2022	1000464885
Temperature Calibration Bath	A46240		
Temperature Calibration Bath	A73332		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	08 Mar 2022	C1228019
Temperature Calibration Bath	B3A444		
Temperature Probe	5357	09 Jun 2021	C0428083
Thermistor Module	B5C344	06 Jun 2021	1000452872
Thermistor Module	B96381	21 Aug 2021	1000457544
Temperature Probe	5392	04 Aug 2021	C0804062
Temperature Probe	5398	04 Aug 2021	C0804051

#### Certificate Information:

Technician: 420

Procedure: GAL-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)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.002	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.002	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.002	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		99.999	100.003	Y	99.949	100.049	0.0087	>4:1

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement": (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max=As Left Nominal(Rounded) + Tolerance;

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*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 effected by aging, temperature, shock, and contamination.

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

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



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



Cert. No.: 4000-12064518

**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 : 17 Mar 2021

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

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



**State of New Jersey**  
 OFFICE OF THE ATTORNEY GENERAL  
 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
 POST OFFICE BOX 7058  
 WEST TRENTON, NJ 08638-0058  
 (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: Dräger, Inc.

ANALYSIS DATE: 07/07/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21210

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1215 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 16, 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*  
 Michael Kennedy  
 Assistant Chief Forensic Scientist  
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of July, 2021.  
*[Signature]*  
 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 9068  
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 0.040 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: Dräger, Inc.

ANALYSIS DATE: 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0485 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 06, 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  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2021.

Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Certification #: 60110622  
My Commission Expires 8/12/2024



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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: 07/27/2021

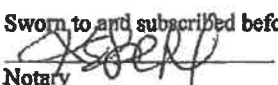
BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0970 to 0.0977 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 19, 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 28 day of July, 2021.  
  
Notary

KAREN E. STAHL  
NOTARY PUBLIC OF NEW JERSEY  
Commission # 60110522  
My Commission Expires 6/13/2024



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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 0.160 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: Dräger, Inc.

ANALYSIS DATE: 08/11/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1945 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 July 29, 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 20 day of August, 2021.

  
Notary

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



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## State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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(609) 882-2000

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 # 50110822  
My Commission Expires 8/13/2024



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

**Joshua B. Hall**  
Breath Test Coordinator/Instructor

is qualified and competent to conduct chemical breath tests pursuant to Chapter 143 of  
Title 17 of the Code of Laws of the State of New Jersey  
A BREATH TEST COORDINATOR/INSTRUCTOR  
COURSE UNDER SUPERVISION OF INSTRUCTOR NEW JERSEY TWO 29th DAY OF March  
TWO THOUSAND AND Twenty Two

[Signature] COLONEL  
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. 2518 (Rev. 12/22)

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

**Joshua B. Hall**  
New Jersey State Police

is qualified and competent to conduct chemical breath tests pursuant to Chapter 143 of  
Title 17 of the Code of Laws of the State of New Jersey  
A BREATH TEST COORDINATOR/INSTRUCTOR  
COURSE UNDER SUPERVISION OF INSTRUCTOR NEW JERSEY TWO 21st DAY OF December  
TWO THOUSAND AND Seventeen

[Signature] ACTING SUPERVISOR  
NEW JERSEY STATE POLICE

[Signature] ACTING ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>8/22/19</u>	<u>N.J.S.P. Gallaway</u>	<u>[Signature]</u>
2. <u>1/12/21</u>	<u>ACCC</u>	<u>[Signature]</u>
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2518 (Rev. 11/17)

**Dräger**

**Alcotest® 7110 MKII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for roadside breath testing devices. The Alcotest 7110-C is compliant as a "single" and "universal" BAC with 40 PPM-0.050%, 40 PPM-0.080% and 40 PPM-0.150%. The manufacturer warrants the accuracy verification of this instrument within 12 months of the calibration date below, or longer, according to your State Specifications.

Certification Date:

4-15-16

SERIAL NUMBER:

ARXA-0036

Dräger Safety Management, 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)  
Dräger, Inc.

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

Serial Number:

DDXNS3-D216

Certification Date:

11.1.21

Technician:

MB

Re-Certification Due Date:

11.1.22

**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: : Certification Date: Next Certification Due:

DDXAP2-114

11.1.21

11.1.22

Probe Value:

106

Dräger, Inc.

MB

