

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: SPRING LAKE HEIGHTS PD  
Serial No.: ARXD-0004  
Calibration File No.: 00485  
Calib. Date: 05/31/2022  
Calib. No.: 00037  
Certification File No.: 00465  
Cert. Date: 12/28/2021  
Cert. No.: 00032  
Linearity File No.: 00466  
Lin. Date: 12/28/2021  
Lin. No.: 00034  
Solution File No.: 00481  
Soln. Date: 05/15/2022  
Soln. No.: 00180  
Sequential File No.: 00485  
File Date: 05/31/2022


Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDZJ-0096  
Control Solution %: 0.100%  
Expires: 06/16/2023  
Solution Control Lot: 21210  
Bottle No.: 0121

## Coordinator

Last Name: HALL



First Name: JOSHUA

MI: B

Signature:  #7750

Badge No.: 7750

Date: 05/31/2022

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



# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

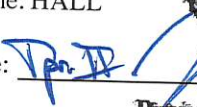
<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXD-0004
Location:	SPRING LAKE HEIGHTS PD		
Calibration File No.:	00485	Calib. Date:	05/31/2022
Certification File No.:	00486	Cert. Date:	05/31/2022
Linearity File No.:	00466	Lin. Date:	12/28/2021
Solution File No.:	00481	Soln. Date:	05/15/2022
Sequential File No.:	00486	File Date:	05/31/2022
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDZJ-0096
Solution Control Lot:	21210	Expires:	06/16/2023
		Bottle No.:	0121

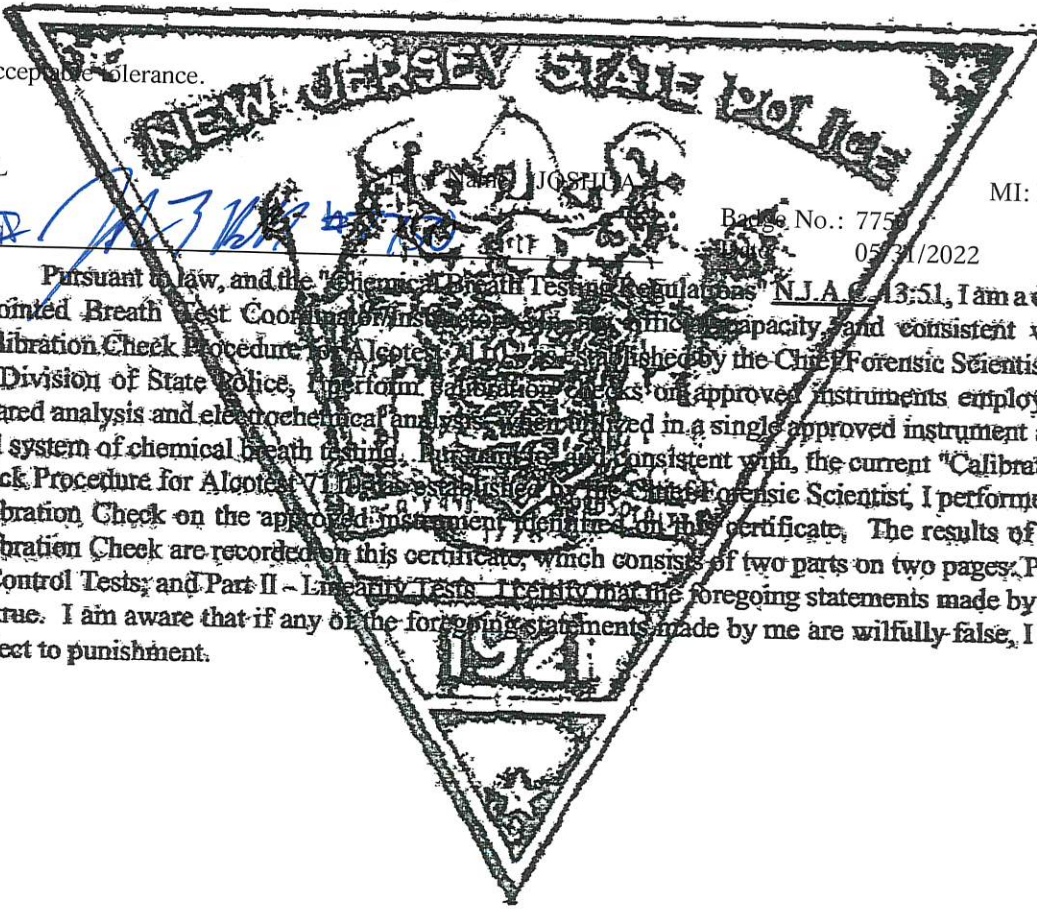
Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:06D		
Control 1 EC	0.101%	13:07D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	13:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:08D		
Control 2 EC	0.100%	13:08D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	13:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09D		
Control 3 EC	0.101%	13:10D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	13:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: HALL

Signature: 



Name: JOSHUA

Badge No.: 775

MI: B

Date: 05/31/2022

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:27, I am a duly appointed Breath Test Coordinator/Inspector 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 performed 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

**Equipment** Alcotest 7110 MKIII-C  
 Location: SPRING LAKE HEIGHTS PD  
 Serial No.: ARXD-0004  
 Calibration File No.: 00485 Calib. Date: 05/31/2022 Calib. No.: 00037  
 Certification File No.: 00486 Cert. Date: 05/31/2022 Cert. No.: 00033  
 Linearity File No.: 00487 Lin. Date: 05/31/2022 Lin. No.: 00035  
 Solution File No.: 00481 Soln. Date: 05/15/2022 Soln. No.: 00180  
 Sequential File No.: 00487 File Date: 05/31/2022

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0001  
 Control Solution %: 0.040% Expires: 07/06/2023  
 Solution Control Lot: 21250 Bottle No.: 0074

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002  
 Control Solution %: 0.080% Expires: 07/19/2023  
 Solution Control Lot: 21260 Bottle No.: 0190

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007  
 Control Solution %: 0.160% Expires: 07/29/2023  
 Solution Control Lot: 21290 Bottle No.: 0019

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:25D		
Control 1 EC	0.041%	13:26D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 2 EC	0.040%	13:28D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:30D		
Control 3 EC	0.081%	13:30D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32D		
Control 4 EC	0.082%	13:33D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	13:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 5 EC	0.162%	13:35D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:37D		
Control 6 EC	0.162%	13:37D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	13:37D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39D		


All tests within acceptable tolerance.

**Coordinator**

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:  # 7750

Badge No.: 7750

Date: 05/31/2022

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARXD-0004
Location:	SPRING LAKE HEIGHTS PD	
Calibration File No.:	00485	Calib. Date: 05/31/2022
Certification File No.:	00486	Cert. No.: 00037
Linearity File No.:	00487	Cert. No.: 00033
Solution File No.:	00488	Lin. No.: 00035
Sequential File No.:	00488	Soln. No.: 00181
		File Date: 05/31/2022
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDZJ-0096
Solution Control Lot:	22070	Expires: 02/17/2024
		Bottle No.: 0266

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:52D		
Control 1 EC	0.104%	14:52D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.104%	14:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		
Control 2 EC	0.103%	14:54D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.103%	14:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:55D		
Control 3 EC	0.103%	14:56D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.103%	14:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:56D		

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:** DDLH P1 - 0050 JPH

**Changed By:**

Last Name: HALL

First Name: JOSHUA

MI: B

Signature:  #7750

Badge No.: 7750

Date: 05/31/2022



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

**Coordinator:**

Det. II Joshua B. Hall  
Name

7750  
Badge No.

**Location:**

Spring Lake Heights PD  
Agency

ARXD-0004  
Alcotest Serial No.

**Equipment:**

210 216 802  
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%	DDCB-0001	12:53 D	12:53 D	33.9 °C
0.08%	DDCB-0002	12:54 D	12:54 D	34.0 °C
0.10%	DDZJ-0096	12:55 D	12:55 D	34.0 °C
0.16%	DDBN-0007	12:56 D	12:56 D	34.0 °C

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

Det. II J 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-0007

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:

DDX KP2-390

Certification Date:

4.1.22

Next Certification Due:

4.1.23

Probe Value:

10u

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	1000464865
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	B86381	21 Aug 2021	1000457544
Temperature Probe	5392	04 Aug 2021	C0804052
Temperature Probe	5398	04 Aug 2021	C0804051

**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)**

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 Ems*  
Marisa Ems, Technical Manager

Note:

**Maintaining Accuracy:**

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change life, if any at all, but can be affected by aging, temperature, shock, and contamination.

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

Control Company is an ISO/IEC 17025:2017 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.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).



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
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(609) 882-2000

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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: 07/07/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21210

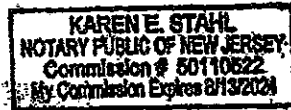
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1215 grams per 100 milliliters of solution.

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 00 day of July, 2021.
Notary



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State of New Jersey

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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: 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.  
*Karen E. Stafil*  
Notary

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



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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 # 50110522
My Commission Expires 8/13/2024



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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: Draeger, 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.

[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 6/13/2024



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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 03/08/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22070

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1235 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 February 17, 2024.

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

Michael Kennedy
Acting OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 8 day of March, 2022.
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 80110522
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 GRANTED TO CONDUCT ORIGINAL RESAULTION TESTS PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF THE STATE OF NEW JERSEY AS AMENDED BY THE ACTS OF THE LEGISLATURE AND  
 AS APPLICABLE TO THE STATE OF NEW JERSEY.  
 ON THIS DAY OF March  
 TWENTY TWO AND Twenty Two  
 2020  
 [Signature] [Signature]  
 NEW JERSEY STATE POLICE 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. 2338 (Rev. 8/22)

DEPARTMENT OF  
**Traffic and Public Safety**  
 This is to certify that  
**Joshua B. Hall**  
 New Jersey State Police  
 IS QUALIFIED AND GRANTED TO CONDUCT ORIGINAL RESAULTION TESTS PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF THE STATE OF NEW JERSEY AS AMENDED BY THE ACTS OF THE LEGISLATURE AND  
 AS APPLICABLE TO THE STATE OF NEW JERSEY.  
 ON THIS DAY OF December  
 TWENTY SEVEN AND Seventeen  
 2020  
 [Signature] [Signature]  
 NEW JERSEY STATE POLICE ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8/22/19	NY SP Gallery	Bob [Signature]
2. 1/12/21	ACCC	Bob [Signature]
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2338 (Rev. 11/17)

**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 "portable" EBT with 49 FR 45354, 49 FR 45364, and 53 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: 12-20-19      Serial Number: ARLD-0004

Dräger, Inc. BS

**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:

DDZJ-0096

Certification Date:

10-14-21

Technician:

AM

Re-Certification Due Date:

10-14-22

**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:

DDLHP2-0050

Certification Date:

10-14-21

Next Certification Due:

10-14-22

Probe Value:

107

Dräger, Inc.

AM





**NEW JERSEY STATE POLICE**  
Alcohol Drug Testing Unit

**Tpr. II Joshua B. Hall #7750**

Hamilton Technology Complex  
Suite #400  
1200 Negron Drive  
Hamilton, NJ 08691

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