

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: SEASIDE HEIGHTS POLICE  
Serial No.: ARWJ-0018  
Calibration File No.: 02156  
Certification File No.: 02116  
Linearity File No.: 02117  
Solution File No.: 02155  
Sequential File No.: 02156  
Calib. Date: 05/31/2023  
Cert. Date: 12/09/2022  
Lin. Date: 12/09/2022  
Soln. Date: 05/28/2023  
File Date: 05/31/2023  
Calib. No.: 00048  
Cert. No.: 00038  
Lin. No.: 00038  
Soln. No.: 00365

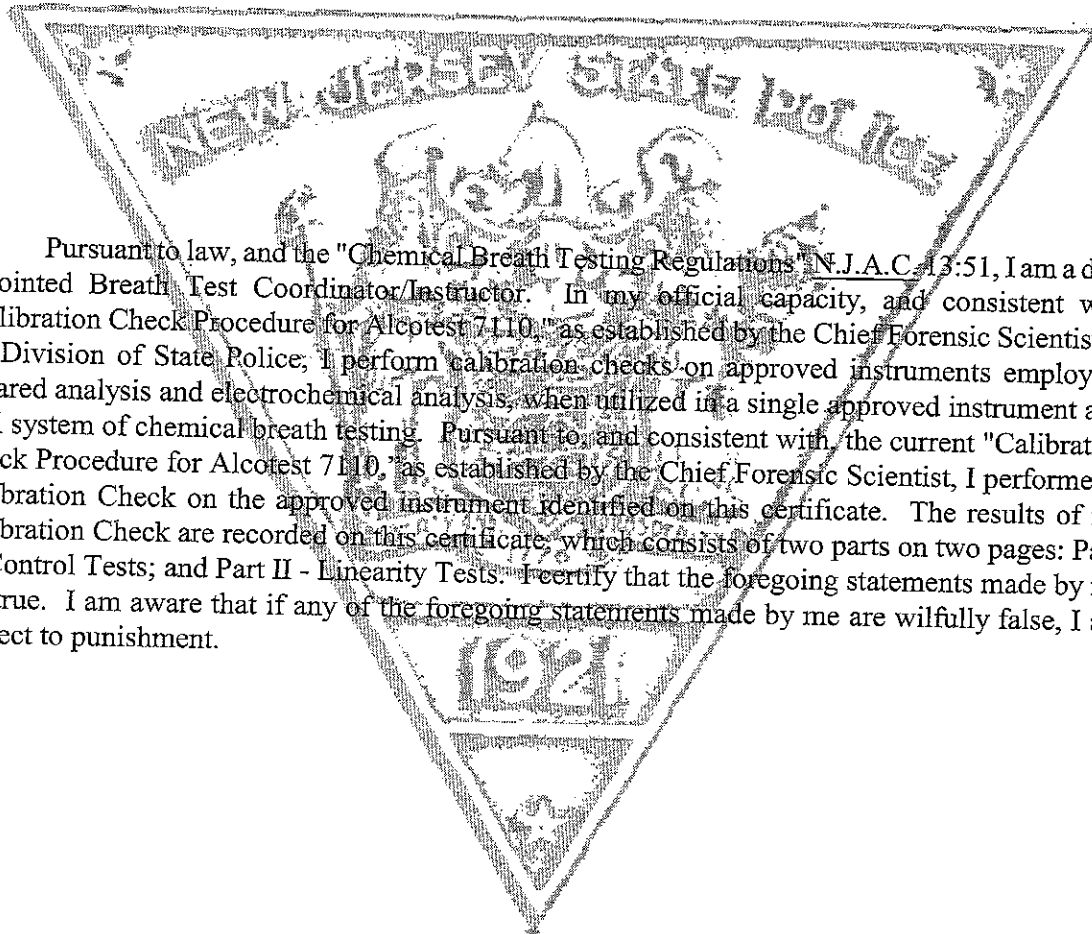
Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 21230  
Model No.: CU-34  
Serial No.: DDWL S3-0440  
Expires: 06/23/2023  
Bottle No.: 1129

## Coordinator

Last Name: LUTZ  
Signature: Tr I Lutz  
First Name: DENNIS  
MI: J  
Badge No.: 7045  
Date: 05/31/2023

\*Black Key Temperature Probe Serial.....# DDLBP3-0087 (DL)

\*Digital NIST Temperature Measuring System Serial.....# 221 473 033 (PL)



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:27, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	
Calibration File No.:	02156	Calib. Date: 05/31/2023
Certification File No.:	02157	Cert. No.: 00048
Linearity File No.:	02117	Cert. Date: 05/31/2023
Solution File No.:	02155	Lin. Date: 12/09/2022
Sequential File No.:	02157	Soln. Date: 05/28/2023
		File Date: 05/31/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWL S3-0440
Solution Control Lot:	21230	Expires: 06/23/2023
		Bottle No.: 1129

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:03D		
Control 1 EC	0.099%	13:03D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:04D		
Control 2 EC	0.098%	13:05D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:05D		
Control 3 EC	0.099%	13:06D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:07D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: LUTZ

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

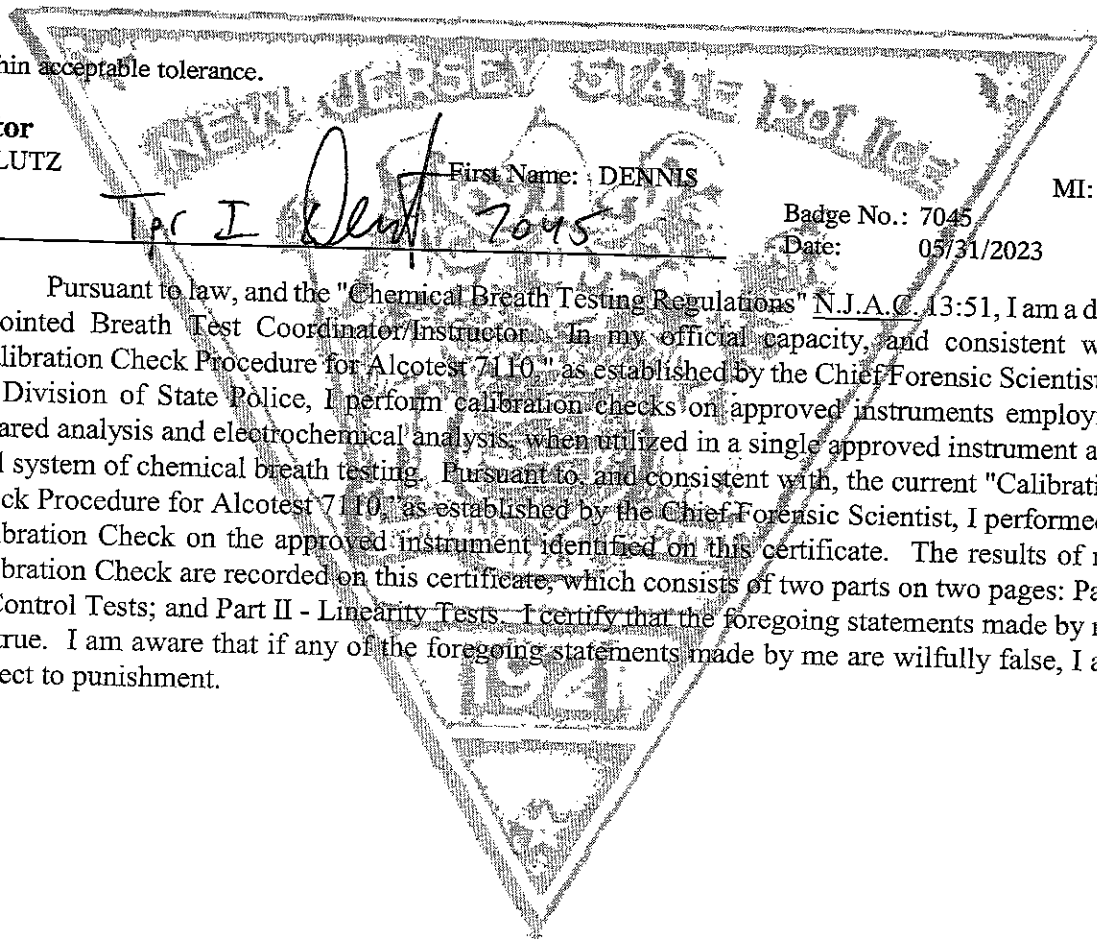
First Name: DENNIS  


Badge No.: 7045

Date: 05/31/2023

MI: J

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.



# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	
Calibration File No.:	02156	Calib. Date: 05/31/2023
Certification File No.:	02157	Cert. No.: 00048
Linearity File No.:	02158	Cert. Date: 05/31/2023
Solution File No.:	02155	Lin. No.: 00039
Sequential File No.:	02158	Lin. Date: 05/31/2023
		Soln. No.: 00365
		File Date: 05/31/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDMK S3-0005
Solution Control Lot:	21250	Expires: 07/06/2023
		Bottle No.: 0508
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDMK S3-0003
Solution Control Lot:	21260	Expires: 07/19/2023
		Bottle No.: 0090
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDRK S3-0017
Solution Control Lot:	21290	Expires: 07/29/2023
		Bottle No.: 1118

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:23D		
Control 1 EC	0.041%	13:24D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:25D		
Control 2 EC	0.040%	13:26D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:28D		
Control 3 EC	0.080%	13:28D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:30D		
Control 4 EC	0.079%	13:31D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32D		
Control 5 EC	0.160%	13:33D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 6 EC	0.160%	13:35D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	13:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:37D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: LUTZ

First Name: DENNIS

MI: J

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

Tyr I Dent

7045

Badge No.: 7045

Date: 05/31/2023

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	
Calibration File No.:	02156	Calib. Date: 05/31/2023
Certification File No.:	02157	Cert. No.: 00048
Linearity File No.:	02158	Cert. No.: 00039
Solution File No.:	02159	Lin. No.: 00039
Sequential File No.:	02159	Soln. No.: 00366
		File Date: 05/31/2023
Calibrating Unit:	WET	
Control Solution %:	0.100%	Model No.: CU-34
Solution Control Lot:	22160	Serial No.: DDWL S3-0440
		Expires: 05/09/2024
		Bottle No.: 1008

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:50D		
Control 1 EC	0.101%	14:51D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		
Control 2 EC	0.100%	14:52D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	14:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		
Control 3 EC	0.100%	14:54D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:55D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

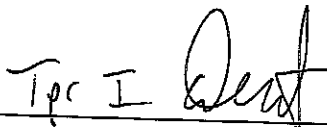
Temperature Probe Serial Number: DDWJP2-063 DL

**Changed By:**

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature:  7045

Badge No.: 7045

Date: 05/31/2023

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

**Coordinator:**

Tpr I Dennis J Lutz  
Name

7045  
Badge No.

**Location:**

Seaside Heights Police  
Agency

ARWJ-0018  
Alcotest Serial No.

**Equipment:**

221 473 033  
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%	DDMK S3-0005	11:39 D	12:45 D	33.9°C
0.08%	DDMK S3-0003	11:39 D	12:46 D	34.0°C
0.10%	DDWL S3-0440	11:39 D	12:47 D	34.0°C
0.16%	DDRK S3-0017	11:39 D	12:48 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  $\pm$  0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Tpr I [Signature] 7045  
Coordinator's Signature

5-31-23  
Date

**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

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

Serial Number:

DDMK S3 - 0005

Certification Date:

Technician:

Re-Certification Due Date:

2/10/2023

TM/MB

2/10/2024

**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:

DDMK S3 - 0003

Certification Date:

Technician:

Re-Certification Due Date:

2/10/2023

TM/MB

2/10/2024

**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:

DDRK 53-0017

Certification Date:

1-25-23

Technician:

DH / MB

Re-Certification Due Date:

1-25-24

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDLBP3-0087

Certification Date:

2-24-23

Next Certification Due:

2-24-24

Probe Value:

103

Dräger, Inc.

DH / AH



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



Cert. No.: 4000-13326294

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: 221473033

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Probe	128	09 Jul 2022	15-D4F0Q-40-1
Thermistor Module	A17118	08 Jul 2022	1000469276
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Thermistor Module	B96381	18 Aug 2022	1000470702
Temperature Probe	5392	04 Aug 2022	4500006080
Temperature Probe	5398	24 Aug 2022	4500006081
Thermistor Module	B96382	08 Oct 2022	1000472708
Temperature Probe	5410	20 Oct 2022	4500006780

Certificate Information:

Technician: 299

Procedure: CAL-06

Cal Date: 25 Apr 2022

Cal Due Date: 25 Apr 2024

Test Conditions: 58.46%RH 23.43°C 1017mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.001	Y	24.95	25.05	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.001	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.000	100.003	Y	99.95	100.05	0.0087	>4:1

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

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

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

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Marisa Elms*

Marisa Elms, Technical Manager

Note :

Maintaining Accuracy:

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

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

Control Company is an ISO/IEC 17025:2017 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.: 4000-13326294

**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 : 25 Apr 2022

**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
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: 07/08/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21230

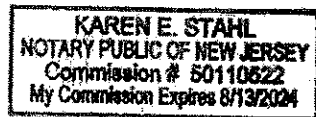
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1218 grams per 100 milliliters of solution.

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 23, 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.
Notary



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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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: 07/27/2021

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 28 day of July, 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

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 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 8/13/2024



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State of New Jersey

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

ANDREW J. BRUCK
Acting Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 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.

Signature of Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Swear to and subscribed before me this 20 day of August, 2021.

Signature of Notary
Notary

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



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State of New Jersey

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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

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: 05/23/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22160

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1223 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is May 9, 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26 day of May, 2022.

Notary

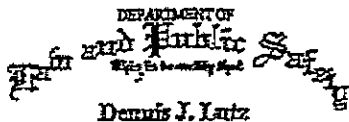
KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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Dennis J. Lutz

Breath Test Coordinator/Instructor

REGULATORY DIVISION OF THE DEPARTMENT OF PUBLIC SAFETY, NEW JERSEY STATE POLICE

THE DEPARTMENT OF PUBLIC SAFETY, ALBERT J. MOULDER

NEW JERSEY STATE POLICE, 100 WEST WASHINGTON STREET, TRENTON, NJ 08646

THE DEPARTMENT OF PUBLIC SAFETY, NEW JERSEY STATE POLICE

NEW JERSEY STATE POLICE, NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

DATE	Reference Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

*[Signature]*

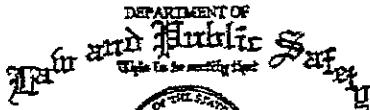
*[Signature]*

NEW JERSEY STATE POLICE

NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

DATE	Reference Course PLACE	INSTRUCTOR
1. 2-3-11	OCPA	Jim Horn
2. 1/24/13	OCPA	Adam Strickland
3. 11-23-15	OCPA	N. Rinaldi
4. 4/6/17	LOVELAND ST	Adam Strickland
5. 8/22/19	NJSP Gateway	Bob [unclear]
6. 7-19-21	Lakewood	Jim [unclear]
7.		
8.		
9.		
10.		



New Jersey State Police

REGULATORY DIVISION OF THE DEPARTMENT OF PUBLIC SAFETY, NEW JERSEY STATE POLICE

THE DEPARTMENT OF PUBLIC SAFETY, ALBERT J. MOULDER

NEW JERSEY STATE POLICE, 100 WEST WASHINGTON STREET, TRENTON, NJ 08646

THE DEPARTMENT OF PUBLIC SAFETY, NEW JERSEY STATE POLICE

NEW JERSEY STATE POLICE, NEW JERSEY STATE POLICE

*[Signature]*

*[Signature]*

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Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "automobile" EBT with 49 FR 48864, 49 FR 48864 and 58 FR 43705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date

10-12-16

SERIAL NUMBER

ARWJ-0018

Dräger Safety Diagnostics, Inc.

BC



**Dräger**

**Simulator**

**CERTIFICATE OF ACCURACY**

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

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

Serial Number:

DDWL53-0440

Certification Date:

5-3-23

Technician:

DH / MB

Re-Certification Due Date:

5-3-24

**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:

DDWJ P2-063

Certification Date:

5-3-23

Next Certification Due:

5-3-24

Probe Value:

102

Draeger, Inc.

DH / MB