

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARSA-0031
Location: STAFFORD TOWNSHIP P.D.
Calibration File No.: 01769 Calib. Date: 08/19/2022 Calib. No.: 00043
Certification File No.: 01732 Cert. Date: 03/15/2022 Cert. No.: 00035
Linearity File No.: 01733 Lin. Date: 03/15/2022 Lin. No.: 00035
Solution File No.: 01764 Soln. Date: 08/06/2022 Soln. No.: 00262
Sequential File No.: 01769 File Date: 08/19/2022

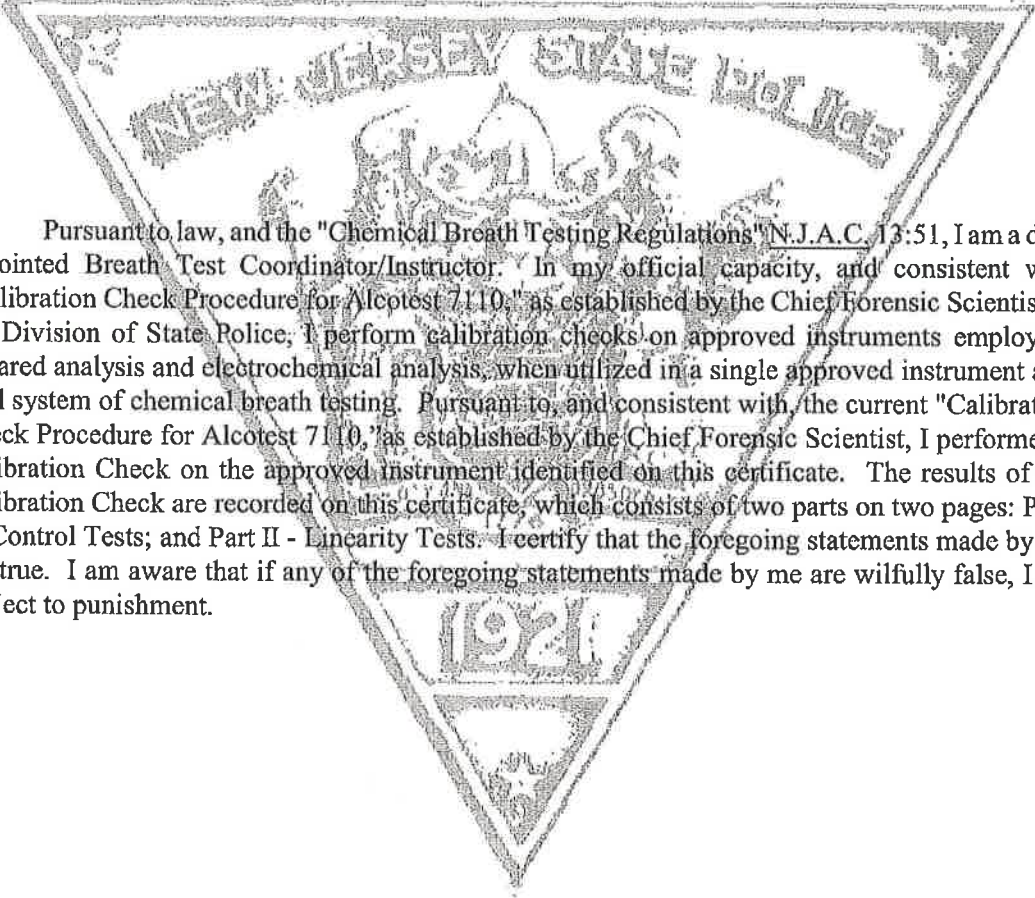
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUD S3-0015
Control Solution %: 0.100% Expires: 06/16/2023
Solution Control Lot: 21210 Bottle No.: 1251

Coordinator

Last Name: LUTZ First Name: DENNIS MI: J
Signature: Tpr I [Signature] 7045 Badge No.: 7045
Date: 08/19/2022

*Black Key Temperature Probe Serial.....# DDEEP2-060 (DC)

*Digital NIST Temperature Measuring System Serial.....# 210 216 827 (DC)



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
Location: STAFFORD TOWNSHIP P.D. Serial No.: ARSA-0031
Calibration File No.: 01769 Calib. Date: 08/19/2022 Calib. No.: 00043
Certification File No.: 01770 Cert. Date: 08/19/2022 Cert. No.: 00036
Linearity File No.: 01733 Lin. Date: 03/15/2022 Lin. No.: 00035
Solution File No.: 01764 Soln. Date: 08/06/2022 Soln. No.: 00262
Sequential File No.: 01770 File Date: 08/19/2022

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUD S3-0015
Control Solution %: 0.100% Expires: 06/16/2023
Solution Control Lot: 21210 Bottle No.: 1251

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:01D		
Control 1 EC	0.099%	13:01D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:02D		
Control 2 EC	0.099%	13:02D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:03D		
Control 3 EC	0.099%	13:04D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:04D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:04D		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

First Name: DENNIS

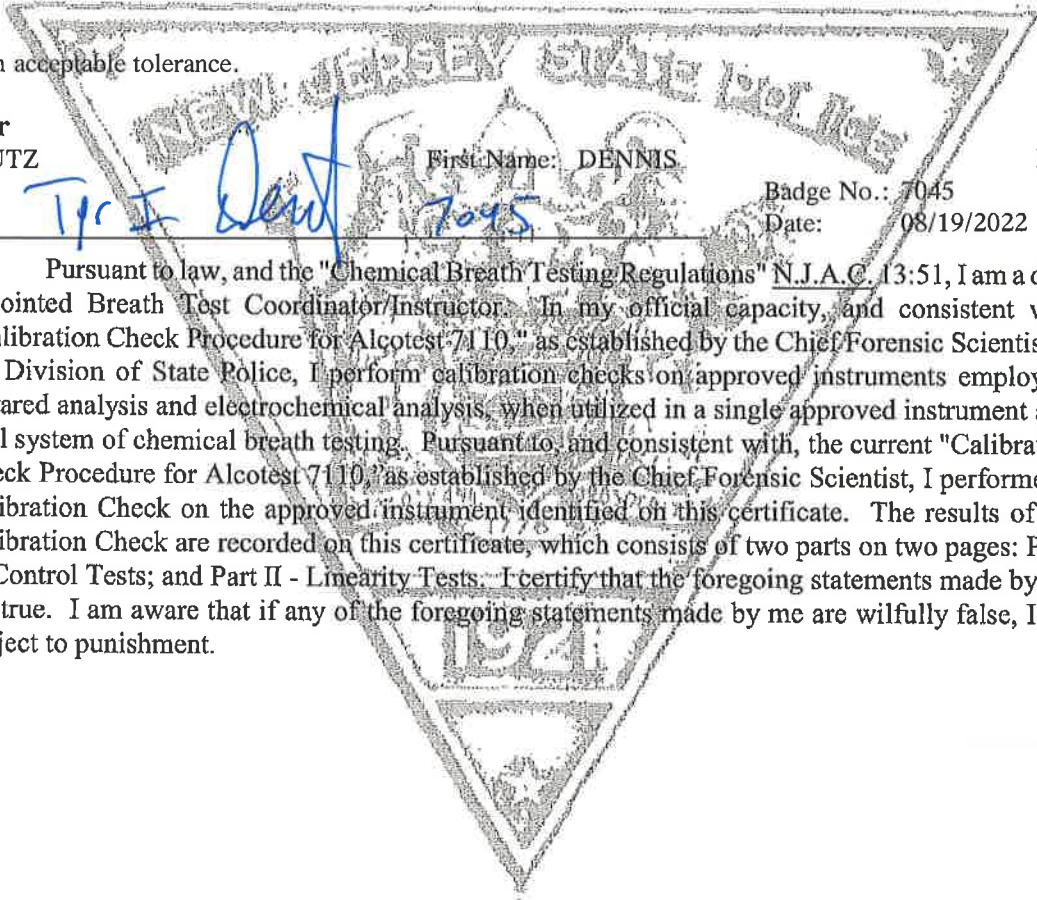
MI: J

Signature: 

Badge No.: 7045

Date: 08/19/2022

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



Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARSA-0031
Location: STAFFORD TOWNSHIP P.D.
Calibration File No.: 01769 Calib. Date: 08/19/2022 Calib. No.: 00043
Certification File No.: 01770 Cert. Date: 08/19/2022 Cert. No.: 00036
Linearity File No.: 01771 Lin. Date: 08/19/2022 Lin. No.: 00036
Solution File No.: 01764 Soln. Date: 08/06/2022 Soln. No.: 00262
Sequential File No.: 01771 File Date: 08/19/2022

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0211
Control Solution %: 0.040% Expires: 07/06/2023
Solution Control Lot: 21250 Bottle No.: 0812

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0020
Control Solution %: 0.080% Expires: 07/19/2023
Solution Control Lot: 21260 Bottle No.: 1380

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0008
Control Solution %: 0.160% Expires: 07/29/2023
Solution Control Lot: 21290 Bottle No.: 0658

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:19D		
Control 1 EC	0.041%	13:19D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:21D		
Control 2 EC	0.040%	13:21D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:23D		
Control 3 EC	0.080%	13:23D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:25D		
Control 4 EC	0.079%	13:25D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 5 EC	0.161%	13:27D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	13:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29D		
Control 6 EC	0.160%	13:30D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	13:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:31D		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: _____

Tpr I Lutz 7045

Badge No.: 7045

Date: 08/19/2022

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARSA-0031
Location:	STAFFORD TOWNSHIP P.D.		
Calibration File No.:	01769	Calib. Date:	08/19/2022
Certification File No.:	01770	Cert. Date:	08/19/2022
Linearity File No.:	01771	Lin. Date:	08/19/2022
Solution File No.:	01772	Soln. Date:	08/19/2022
Sequential File No.:	01772	File Date:	08/19/2022
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUD S3-0015
Solution Control Lot:	21360	Expires:	09/01/2023
		Bottle No.:	0996

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:41D		
Control 1 EC	0.101%	14:42D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:42D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:42D		
Control 2 EC	0.100%	14:43D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:44D		
Control 3 EC	0.100%	14:44D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:45D		

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: DDXKP2-304 (DU)

Changed By:

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: Tpr I Dent 7045

Badge No.: 7045

Date: 08/19/2022

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

Coordinator:

Tpr I Dennis J Lutz
Name

7045
Badge No.

Location:

Stafford Township P.D.
Agency

ARSA-0031
Alcotest Serial No.

Equipment:

210 216 827
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%	DDWE S3-0211	11:44 D	12:46 D	34.0°C
0.08%	DDXC S3-0020	11:44 D	12:47 D	34.0°C
0.10%	DDUD S3-0015	11:44 D	12:48 D	34.0°C
0.16%	DDMK S3-0008	11:44 D	12:50 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 Dennis J Lutz
Coordinator's Signature

8-19-22
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:

DDWES3-0211

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)
Draeger, Inc.

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

Serial Number:

DDXCS3-0020

Certification Date:

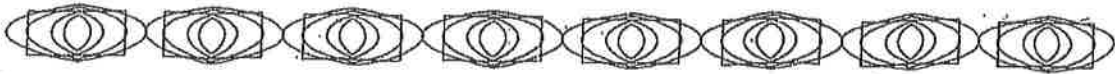
4.5.22

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:

DDMKS3-0008

Certification Date:

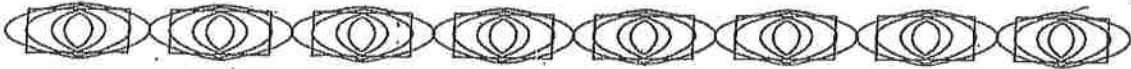
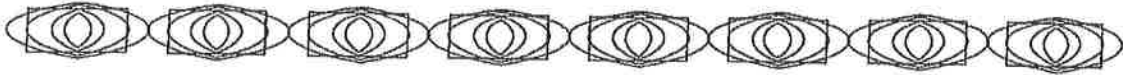
4.5.22

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:

DDEEP2-060

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.: 4000-12064543

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: 210216827

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	01 Mar 2022	1000464865
Temperature Calibration Bath	A45240		
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	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	0.000	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	50.001	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.000	99.999	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-01005-2008-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.: 4000-12064543

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
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: 07/07/2021

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.

Notary



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURHIR 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.
Karen E. Stahl
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110822
My Commission Expires 8/13/2024



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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: Dräger, 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
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of July, 2021.

[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 80110522
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.

Handwritten signature of Michael Kennedy

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 # 60110522
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
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(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.

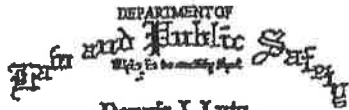

Notary



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Dennis J. Lutz

Breath Test Coordinator/Instructor

NEW JERSEY STATE POLICE

ALBANY COUNTY

29th DAY OF February

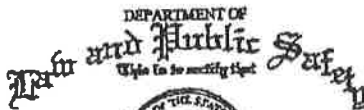
Year 2008

Signature of Instructor

Signature of Supervisor

ORIGINAL COURSE DATES

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



New Jersey State Police

NEW JERSEY STATE POLICE

ALBANY COUNTY

1st DAY OF October

Year 2008

Signature of Instructor

Signature of Supervisor

ORIGINAL COURSE DATES

DATE	Suburban Course PLACE	INSTRUCTOR
1. 2-7-11	OCPA	Wm Horn
2. 1/24/13	OCPA	Adam Standa
3. 11-23-15	GCPA	M. Gonzalez
4. 4/6/17	LOVELAND	Adam Standa
5. 9/22/19	NJSP Gallaway	Adam Standa
6. 7-19-21	Lakewood	Adam Standa
7.		
8.		
9.		

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 MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date: Serial Number:

05/22/2020 ARSA-0031

Draeger, Inc. 

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:

DD4D53.0015

Certification Date:

2.9.22

Technician:

AM

Re-Certification Due Date:

2.9.23

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:

DDXKP2.304

Certification Date:

2.9.22

Next Certification Due:

2.9.23

Probe Value:

106

Draeger, Inc.

AM