

Alcotest 7110 Calibration Record

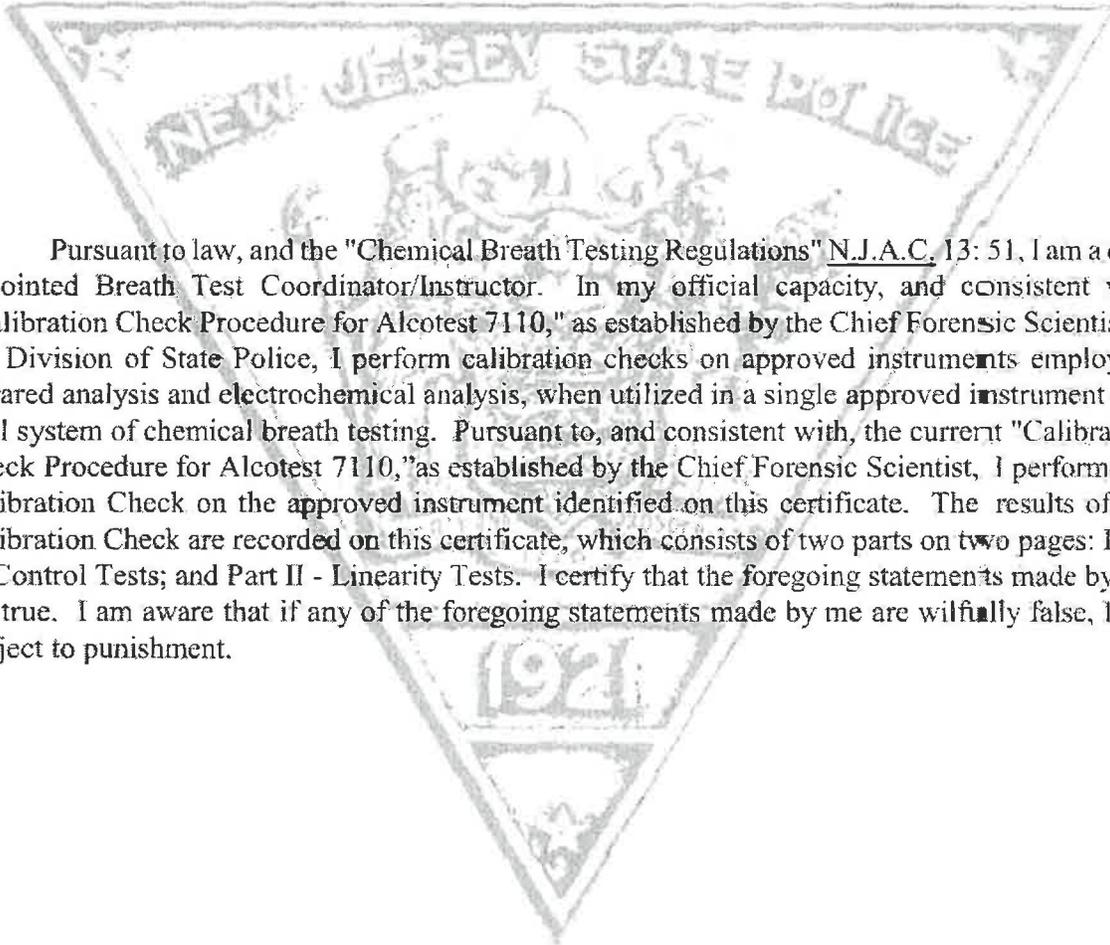
Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXC-0091
Location:	CEDAR GROVE POLICE		
Calibration File No.:	00960	Calib. Date:	07/03/2024
Certification File No.:	00943	Calib. No.:	00040
Linearity File No.:	00944	Cert. Date:	01/26/2024
Solution File No.:	00957	Cert. No.:	00034
Sequential File No.:	00960	Lin. Date:	01/26/2024
		Lin. No.:	00034
		Soln. Date:	06/10/2024
		Soln. No.:	00254
		File Date:	07/03/2024
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDZH-0063
Solution Control Lot:	22240	Expires:	07/05/2024
		Bottle No.:	1223

Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.
Signature: FR. I Hurtado #7635 Badge No.: 7635
Date: 07/03/2024

*Black Key Temperature Probe Serial.....# DDLB P3-0178 F.H.

*Digital NIST Temperature Measuring System Serial.....# 230 208 344 F.H.



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: CEDAR GROVE POLICE
Serial No.: ARXC-0091
Calibration File No.: 00960
Certification File No.: 00961
Linearity File No.: 00944
Solution File No.: 00957
Sequential File No.: 00961
Calib. Date: 07/03/2024
Cert. Date: 07/03/2024
Lin. Date: 01/26/2024
Soln. Date: 06/10/2024
File Date: 07/03/2024
Calib. No.: 00040
Cert. No.: 00035
Lin. No.: 00034
Soln. No.: 00254
Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 22240
Model No.: CU-34
Serial No.: DDZH-0063
Expires: 07/05/2024
Bottle No.: 1223

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:41D		
Control 1 EC	0.099%	11:42D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:42D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:42D		
Control 2 EC	0.099%	11:43D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:44D		
Control 3 EC	0.099%	11:44D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:45D		

All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.
Signature: Francisco Hurtado # 7635 Badge No.: 7635
Date: 07/03/2024

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.: ARXC-0091
Location: CEDAR GROVE POLICE
Calibration File No.: 00960 Calib. Date: 07/03/2024 Calib. No.: 00040
Certification File No.: 00961 Cert. Date: 07/03/2024 Cert. No.: 00035
Linearity File No.: 00962 Lin. Date: 07/03/2024 Lin. No.: 00035
Solution File No.: 00957 Soln. Date: 06/10/2024 Soln. No.: 00254
Sequential File No.: 00962 File Date: 07/03/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0222
Control Solution %: 0.040% Expires: 07/19/2024
Solution Control Lot: 22250 Bottle No.: 0665

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0225
Control Solution %: 0.080% Expires: 07/28/2024
Solution Control Lot: 22270 Bottle No.: 1188

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0009
Control Solution %: 0.160% Expires: 08/04/2024
Solution Control Lot: 22290 Bottle No.: 0862

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:03D		
Control 1 EC	0.040%	12:04D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	12:04D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:05D		
Control 2 EC	0.040%	12:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	12:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:07D		
Control 3 EC	0.080%	12:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	12:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:09D		
Control 4 EC	0.080%	12:10D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	12:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:11D		
Control 5 EC	0.160%	12:12D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	12:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:13D		
Control 6 EC	0.159%	12:14D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	12:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:15D		

All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: Tpr. I. Francisco Hurtado #7635

Badge No.: 7635

Date: 07/03/2024

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARXC-0091
Location: CEDAR GROVE POLICE
Calibration File No.: 00960 Calib. Date: 07/03/2024 Calib. No.: 00040
Certification File No.: 00961 Cert. Date: 07/03/2024 Cert. No.: 00035
Linearity File No.: 00962 Lin. Date: 07/03/2024 Lin. No.: 00035
Solution File No.: 00963 Soln. Date: 07/03/2024 Soln. No.: 00255
Sequential File No.: 00963 File Date: 07/03/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDZH-0063
Control Solution %: 0.100% Expires: 09/12/2025
Solution Control Lot: 23330 Bottle No.: 1116

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:20D		
Control 1 EC	0.100%	13:21D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:22D		
Control 2 EC	0.099%	13:22D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:23D		
Control 3 EC	0.100%	13:24D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:24D		

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: DDHH 92-080 F.H.

Changed By:

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: TPP-I [Signature] #7635

Badge No.: 7635

Date: 07/03/2024

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 "nonmobile" EBT with 49 FR 48854, 49 FR 48964 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 Specifications.

Certification Date:

5-13

SERIAL NUMBER:

ARXC-0091

Dräger Safety Diagnostics, Inc.

BC

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

Coordinator:

TPP-I FRANCISCO A. HURTADO
Name

7635
Badge No.

Location:

CEDAR GROVE POLICE
Agency

ARXC-0091
Alcotest Serial No.

Equipment:

230 208 344
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDWF S3-0222	10:30 0	11:31 0	34.0° C
0.08%	DDWF S3-0225	10:30 0	11:32 0	34.0° C
0.10%	DD2H-0063	10:30 0	11:33 0	33.9° C
0.16%	DDRF S3-0009	10:30 0	11:34 0	33.9° 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.

TPP-I Francisco A. Hurtado #7635
Coordinator's Signature

07-03-2024
Date



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



Cert. No.: 4000-14045028

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: 230208344 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
PRT Temperature Probe	02022	13 Dec 2023	4500022592
Temperature Probe	5357	01 Jul 2023	4500015492
Thermistor Module	B5C344	20 Jun 2023	1000481112
Temperature Calibration Bath	B93537		
Thermistor Module	B96381	23 Aug 2023	1000483176
Temperature Probe	5392	06 Sep 2023	4500018330
Temperature Probe	5398	06 Sep 2023	4500018329
Digital Thermometer	B96088	10 Mar 2024	1000489962

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 27 Mar 2023 Cal Due Date: 27 Mar 2025
 Test Conditions: 57.99%RH 23.66°C 1013mBar

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.		-0.002	0.002	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.002	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		49.999	50.004	Y	49.949	50.049	0.0087	>4:1
°C	N.A.	N.A.		99.998	99.996	Y	99.948	100.048	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

Jenny Ren
Jenny Ren, 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.: 4000-14045028

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 : 27 Mar 2023

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).

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:

DDWFS3-0222

Certification Date:

12-4-23

Technician:

DH / CR

Re-Certification Due Date:

12-4-24

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:

DDWFS3-0225

Certification Date:

12-5-23

Technician:

DH / CR

Re-Certification Due Date:

12-5-24

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:
DDRF S3-0009

Certification Date: 12-4-23 Technician: DH / CR Re-Certification Due Date: 12-4-24

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: DDLBP3-0178 Certification Date: 12-5-23 Next Certification Due: 12-5-24

Probe Value: 102 Draeger, Inc. DH / CR

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:

DDZH-0063

Certification Date:

5-1-24

Technician:

DH/JP

Re-Certification Due Date:

5-1-25

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:

DDHHP2-080

Certification Date:

5-1-24

Next Certification Due:

5-1-25

Probe Value:

105

Draeger, Inc.

DH/JP



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

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: Dräger, Inc.

ANALYSIS DATE: 07/21/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1219 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 05, 2024.

As 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

Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2022.

Karen E. Stahl
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

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 08/17/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0483 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, 2024.

As 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

Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

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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DIVISION OF STATE POLICE
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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
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 08/18/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0983 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 28, 2024.

As 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 9 day of September, 2022.

Notary

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



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State of New Jersey

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Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: 08/22/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1924 to 0.1948 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 August 4, 2024.

As 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.

Handwritten signature of Michael Kennedy

Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

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

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

TAHESHA L. WAY
Lt. Governor

MATTHEW J. PLATKIN
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: 09/19/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23330

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 0.1216 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 12, 2025.

As 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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 25 day of September 2023.

[Signature]
Notary

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



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DEPARTMENT OF
Traffic and Public Safety
 This is to certify that

Francisco A. Hurtado

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 143 OF
 THE LAWS OF NEW JERSEY IN ACCORDANCE WITH THE REGULATIONS OF THE Alcohol 7110 MKIII-C
 COURSE NUMBER AND AT THE COURSE NEW JERSEY THIS 29th day of July

TWENTYNINE AND TWENTY NINE

[Signature]
 SUPERVISOR
 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. 2538 (Rev. 6/22)

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that

Francisco A. Hurtado
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS PURSUANT TO CHAPTER 143 OF
 THE LAWS OF NEW JERSEY IN ACCORDANCE WITH THE REGULATIONS OF THE Alcohol 7110 MKIII-C
 COURSE NUMBER AND AT THE COURSE NEW JERSEY THIS Sixteen day of September

SIXTEEN

[Signature]
 SUPERVISOR
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-6-18	Smyrna PD	[Signature]
2. 8/13/20	Hubers CO PA	[Signature]
3. 8/29/21	MC PA	[Signature]
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2533 (Rev. 05/15)