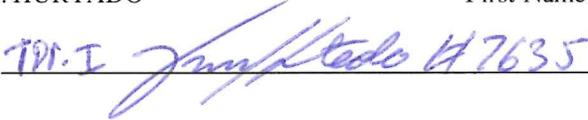


Alcotest 7110 Calibration Record

Equipment

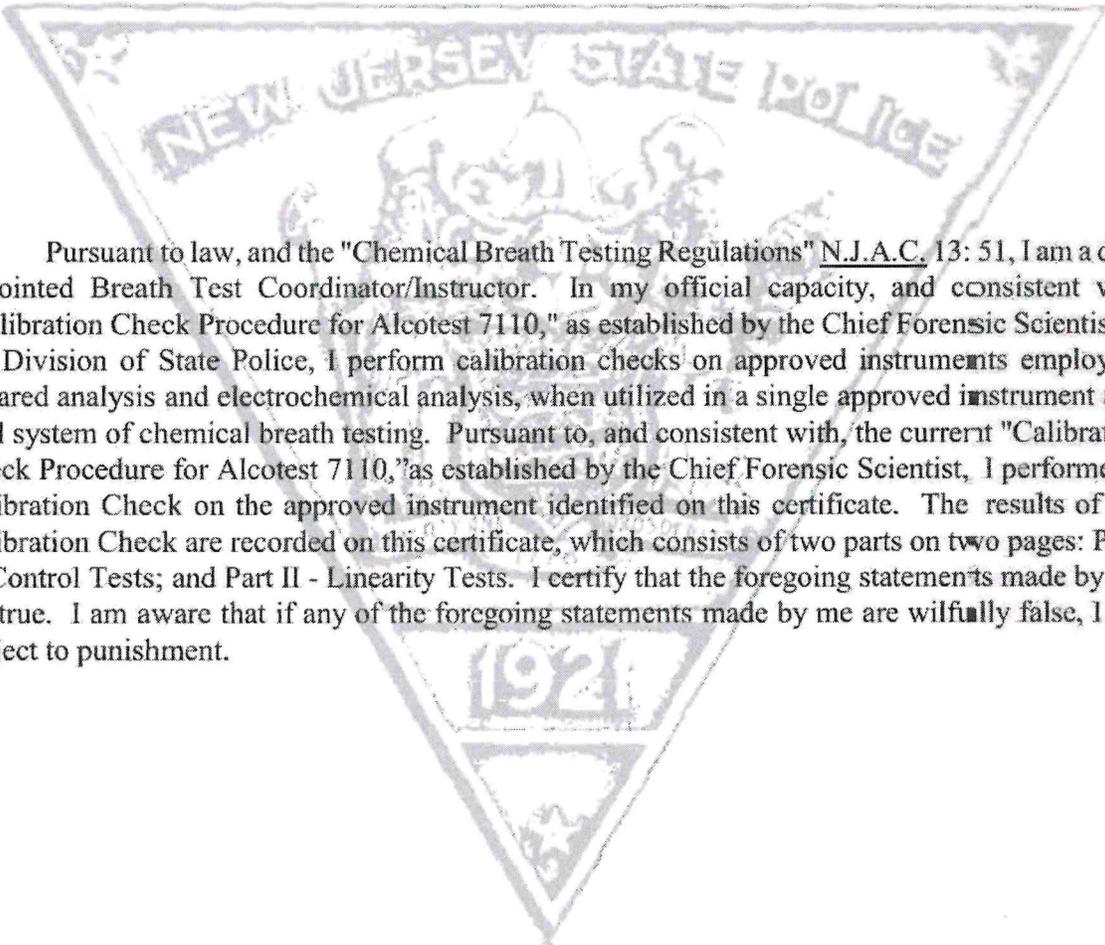
Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0031
Location:	PASSAIC CITY POLICE		
Calibration File No.:	02598	Calib. Date:	12/18/2024
Certification File No.:	02556	Cert. Date:	09/26/2024
Linearity File No.:	02557	Lin. Date:	09/26/2024
Solution File No.:	02597	Soln. Date:	12/16/2024
Sequential File No.:	02598	File Date:	12/18/2024
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXB S3-111
Solution Control Lot:	23230	Expires:	06/26/2025
		Bottle No.:	1144

Coordinator

Last Name:	HURTADO	First Name:	FRANCISCO	MI:	A.
Signature:				Badge No.:	7635
				Date:	12/18/2024

*Black Key Temperature Probe Serial.....# DDLB P3-0085 F.H.

*Digital NIST Temperature Measuring System Serial.....# 240 418 728 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 Serial No.: ARXA-0031
Location: PASSAIC CITY POLICE
Calibration File No.: 02598 Calib. Date: 12/18/2024 Calib. No.: 00049
Certification File No.: 02599 Cert. Date: 12/18/2024 Cert. No.: 00038
Linearity File No.: 02557 Lin. Date: 09/26/2024 Lin. No.: 00037
Solution File No.: 02597 Soln. Date: 12/16/2024 Soln. No.: 00458
Sequential File No.: 02599 File Date: 12/18/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-111
Control Solution %: 0.100% Expires: 06/26/2025
Solution Control Lot: 23230 Bottle No.: 1144

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:02S		
Control 1 EC	0.099%	12:03S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:03S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:04S		
Control 2 EC	0.099%	12:04S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:05S		
Control 3 EC	0.098%	12:06S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:06S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:07S		

All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: *Francisco Hurtado #7635*

Badge No.: 7635

Date: 12/18/2024

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.: ARXA-0031
Location: PASSAIC CITY POLICE
Calibration File No.: 02598 Calib. Date: 12/18/2024 Calib. No.: 00049
Certification File No.: 02599 Cert. Date: 12/18/2024 Cert. No.: 00038
Linearity File No.: 02600 Lin. Date: 12/18/2024 Lin. No.: 00038
Solution File No.: 02597 Soln. Date: 12/16/2024 Soln. No.: 00458
Sequential File No.: 02600 File Date: 12/18/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0025
Control Solution %: 0.040% Expires: 06/12/2025
Solution Control Lot: 23210 Bottle No.: 1407

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0180
Control Solution %: 0.080% Expires: 08/03/2025
Solution Control Lot: 23290 Bottle No.: 0055

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0334
Control Solution %: 0.160% Expires: 07/05/2025
Solution Control Lot: 23250 Bottle No.: 0196

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:16S		
Control 1 EC	0.041%	12:16S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:18S		
Control 2 EC	0.040%	12:18S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	12:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:20S		
Control 3 EC	0.081%	12:20S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	12:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:22S		
Control 4 EC	0.078%	12:22S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	12:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:24S		
Control 5 EC	0.157%	12:25S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	12:25S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:26S		
Control 6 EC	0.153%	12:27S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	12:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:28S		

All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: Francisco Hurtado #7635

Badge No.: 7635

Date: 12/18/2024

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0031
Location: PASSAIC CITY POLICE
Calibration File No.: 02598 Calib. Date: 12/18/2024 Calib. No.: 00049
Certification File No.: 02599 Cert. Date: 12/18/2024 Cert. No.: 00038
Linearity File No.: 02600 Lin. Date: 12/18/2024 Lin. No.: 00038
Solution File No.: 02601 Soln. Date: 12/18/2024 Soln. No.: 00459
Sequential File No.: 02601 File Date: 12/18/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-111
Control Solution %: 0.100% Expires: 05/14/2026
Solution Control Lot: 24180 Bottle No.: 0287

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:39S		
Control 1 EC	0.098%	13:40S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:40S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:41S		
Control 2 EC	0.098%	13:41S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:42S		
Control 3 EC	0.098%	13:43S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:43S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:43S		

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.

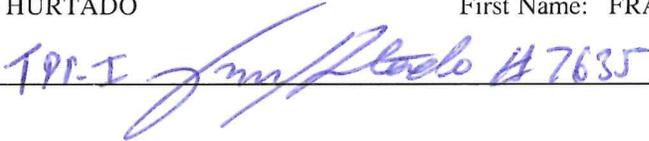
Temperature Probe Serial Number: DDWJ P2-280 F.A.

Changed By:

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature:  #7635

Badge No.: 7635

Date: 12/18/2024

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:

11/16/2023

ARXA-0031

Draeger, Inc. CR MB

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

Coordinator:

TPI-I FRANCISCO A. HURTADO
Name

7635
Badge No.

Location:

PASSAIC CITY POLICE
Agency

ARXA-0031
Alcotest Serial No.

Equipment:

240 418 728
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Tem p. Reading on NIST Traceable Thermometer
0.04%	DDAE-0025	10:50S	11:51S	34.0° C
0.08%	DDXD 53-0180	10:50S	11:52S	34.0° C
0.10%	DDXB 53-111	10:50S	11:53S	34.0° C
0.16%	DDWJ 53-0334	10:50S	11:54S	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.

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

12-18-2024
Date



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



Cert. No.: 4000-15138494

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: 240418728 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	08 Aug 2024	1000494698
Temperature Probe	3039	03 Aug 2024	15-E503Q-20-1
Temperature Probe	5401	28 Jul 2024	4500031366
Temperature Probe	5357	28 Jul 2024	4500031372
Thermistor Module	B5C344	10 Jul 2024	1000493579
Temperature Calibration Bath	B5C478		
Temperature Calibration Bath	B93537		
Temperature Calibration Bath	B96546		
Temperature Probe	5407	10 Jan 2025	4500038066
Thermistor Module	8A070	28 Aug 2024	1000495892

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 21 May 2024 Cal Due Date: 21 May 2026
 Test Conditions: 64.01%RH 24.08°C 1009mBar

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.		24.999	25.001	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.		99.997	100.003	Y	99.947	100.047	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

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 12564 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.: 4000-15138494

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 : 21 May 2024

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:

DDAE - 0025

Certification Date:

Technician:

Re-Certification Due Date:

4-22-24

DH/A

4-22-25

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:

DDXD S3-0180

Certification Date:

Technician:

Re-Certification Due Date:

5-6-24

DH/A

5-6-25

iDräger

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:

DDW JS3-0334

Certification Date:

5-6-24

Technician:

DH / P

Re-Certification Due Date:

5-6-25

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:

DDLBP3-0085

Certification Date:

3-4-24

Next Certification Due:

3-4-25

Probe Value:

102

Dräger, Inc.

DH / P

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:

DDXB53-111

Certification Date:

9-19-24

Technician:

DH / QR

Re-Certification Due Date:

9-19-25

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:

DDWJP2-280

Certification Date:

9-19-24

Next Certification Due:

9-19-25

Probe Value:

108

Draeger, Inc.

DH / QR



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

MATTHEW J. PLATKIN
Attorney General

TAHESHA L. WAY
Lt. Governor

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: 09/12/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 to 0.1220 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 26, 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 15 day of September, 2023.

Notary [Signature]

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



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Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
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: 08/10/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23210

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0490 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 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 11 day of August, 2023.

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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DEPARTMENT OF LAW AND PUBLIC SAFETY
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PHILIP D. MURPHY
Governor

TAHESHA L. WAY
Lt. Governor

MATTHEW J. PLATKIN
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: 09/14/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0958 to 0.0971 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 03, 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 21 day of September, 2023.

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

TAHESHA L. WAY
Lt. Governor

MATTHEW J. PLATKIN
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: 09/14/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1923 to 0.1953 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, 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of September, 2023.

Notary

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



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Lt. Governor

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: 05/23/2024

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 24180

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 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 May 14, 2026.

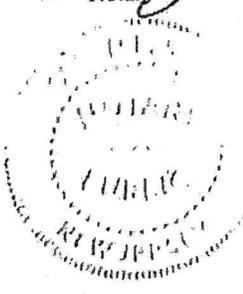
As OFS Director for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures 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
Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 10 day of June, 2024.

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 ANALYSES PURSUANT TO CHAPTER 140 OF THE LAWS OF 1946 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION, GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF July

TWO THOUSAND AND Twenty One

[Signature]
COLONEL
NEW JERSEY STATE POLICE

[Signature]
ACTING ATTORNEY GENERAL
STATE OF NEW JERSEY

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

S.P. 293B (Rev. 07/21)

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 ANALYSES PURSUANT TO CHAPTER 140 OF THE LAWS OF 1946 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION, GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 16th DAY OF September

TWO THOUSAND AND Sixteen

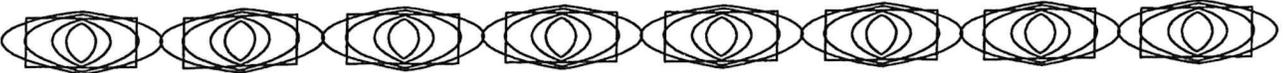
[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>12-6-18</u>	<u>Smyrna PD</u>	<i>[Signature]</i>
2. <u>8/13/20</u>	<u>Milford CO PA</u>	<i>[Signature]</i>
3. <u>8/29/20</u>	<u>MCPP</u>	<i>[Signature]</i>
4. <u>9/10/24</u>	<u>Wayne PD</u>	<i>[Signature]</i>
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 08/16)



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:

DDXB 53³-0110

Certification Date:

Technician:

Re-Certification Due Date:

5-30-24

DH / R

5-30-25



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: DDWJ P2-280 Certification Date: 9-19-24 Next Certification Due: 9-19-25

Probe Value: 108 Draeger, Inc. DH / QR

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:
DDXB53-111

Certification Date: 9-19-24 Technician: DH / QR Re-Certification Due Date: 9-19-25

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:

DDXB53-111

Certification Date:

Technician:

Re-Certification Due Date:

9-19-24

DH / QR

9-19-25

Dräger

Simulator

CERTIFICATE OF ACCURACY

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(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:

DDXB53-0110

Certification Date:

Technician:

Re-Certification Due Date:

5-30-24

DH / R

5-30-25