

Alcotest 7110 Calibration Record

Equipment: Alcotest 7110 MKIII-C
Location: VERONA POLICE DEPT. Serial No.: ARWM-0092
Calibration File No.: 00810 Calib. Date: 09/29/2023 Calib. No.: 00048
Certification File No.: 00787 Cert. Date: 04/06/2023 Cert. No.: 00037
Linearity File No.: 00788 Lin. Date: 04/06/2023 Lin. No.: 00037
Solution File No.: 00805 Soln. Date: 09/02/2023 Soln. No.: 00238
Sequential File No.: 00810 File Date: 09/29/2023

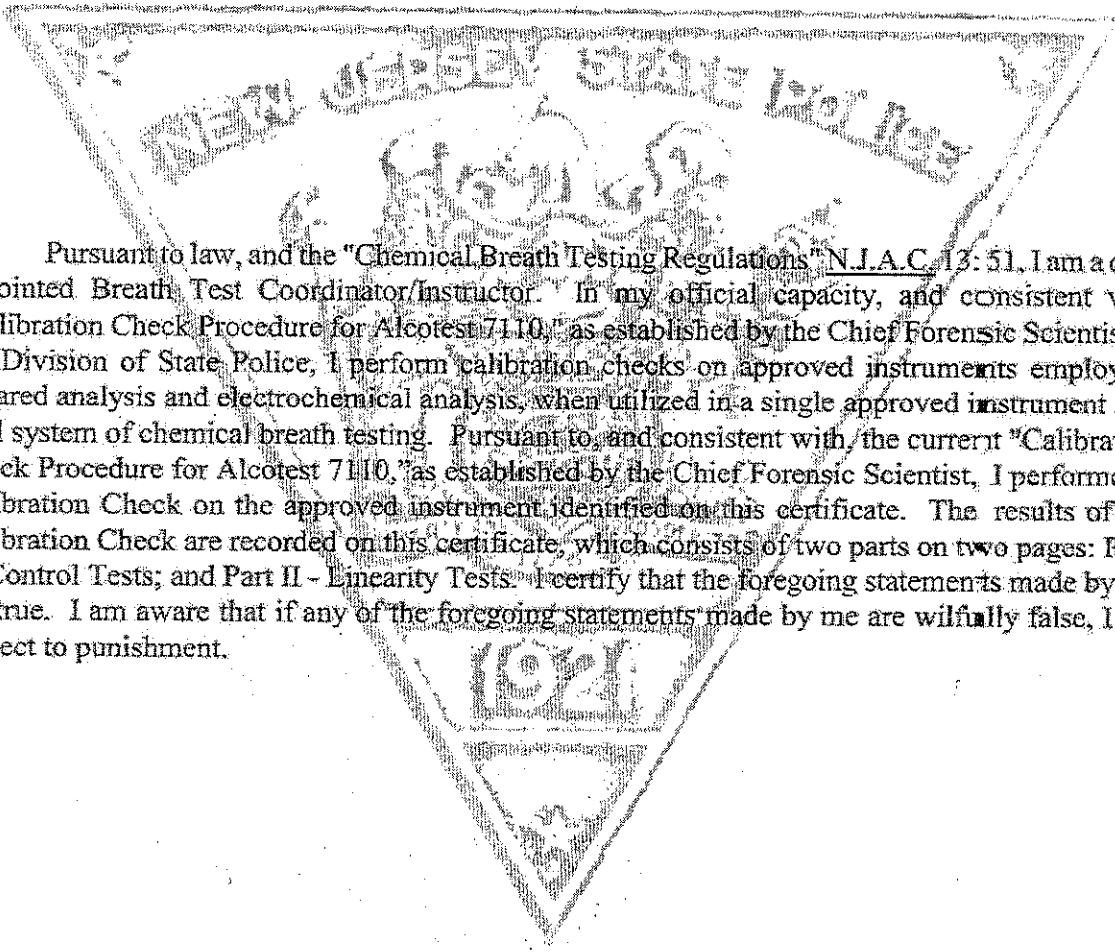
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0068
Control Solution %: 0.100% Expires: 07/05/2024
Solution Control Lot: 22240 Bottle No.: 0853

Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.
Signature: FRS. A. Hurtado #7635 Badge No.: 7635
Date: 09/29/2023

*Black Key Temperature Probe Serial.....# 00EE P2-049 F.H.

*Digital NIST Temperature Measuring System Serial.....# 221 473 055 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: VERONA POLICE DEPT. Serial No.: ARWM-0092
Calibration File No.: 00810 Calib. Date: 09/29/2023 Calib. No.: 00048
Certification File No.: 00811 Cert. Date: 09/29/2023 Cert. No.: 00038
Linearity File No.: 00788 Lin. Date: 04/06/2023 Lin. No.: 00037
Solution File No.: 00805 Soln. Date: 09/02/2023 Soln. No.: 00238
Sequential File No.: 00811 File Date: 09/29/2023

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0068
Control Solution %: 0.100% Expires: 07/05/2024
Solution Control Lot: 22240 Bottle No.: 0853

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:40D		
Control 1 EC	0.100%	10:41D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:41D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:42D		
Control 2 EC	0.100%	10:42D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:42D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43D		
Control 3 EC	0.099%	10:44D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:44D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:44D		


All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: 

Badge No.: 7635

Date: 09/29/2023

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.: ARWM-0092
Location: VERONA POLICE DEPT.
Calibration File No.: 00810 Calib. Date: 09/29/2023 Calib. No.: 00048
Certification File No.: 00811 Cert. Date: 09/29/2023 Cert. No.: 00038
Linearity File No.: 00812 Lin. Date: 09/29/2023 Lin. No.: 00038
Solution File No.: 00805 Soln. Date: 09/02/2023 Soln. No.: 00238
Sequential File No.: 00812 File Date: 09/29/2023

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0014
Control Solution %: 0.040% Expires: 07/19/2024
Solution Control Lot: 22250 Bottle No.: 0875

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0200
Control Solution %: 0.080% Expires: 07/28/2024
Solution Control Lot: 22270 Bottle No.: 0652

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0004
Control Solution %: 0.160% Expires: 08/04/2024
Solution Control Lot: 22290 Bottle No.: 1363

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:03D		
Control 1 EC	0.040%	11:03D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	11:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:05D		
Control 2 EC	0.040%	11:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	11:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:07D		
Control 3 EC	0.079%	11:08D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.076%	11:08D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:09D		
Control 4 EC	0.079%	11:10D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.076%	11:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:12D		
Control 5 EC	0.158%	11:12D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.156%	11:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:14D		
Control 6 EC	0.157%	11:15D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.157%	11:15D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:16D		

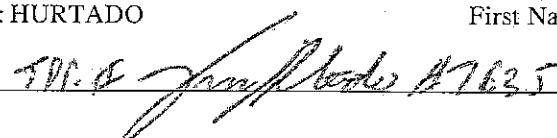
All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: 

Badge No.: 7635

Date: 09/29/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWM-0092
Location:	VERONA POLICE DEPT.	
Calibration File No.:	00810	Calib. Date: 09/29/2023
Certification File No.:	00811	Calib. No.: 00048
Linearity File No.:	00812	Cert. Date: 09/29/2023
Solution File No.:	00813	Cert. No.: 00038
Sequential File No.:	00813	Lin. Date: 09/29/2023
		Lin. No.: 00038
		Soln. Date: 09/29/2023
		Soln. No.: 00239
		File Date: 09/29/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXA S3-0068
Solution Control Lot:	22160	Expires: 05/09/2024
		Bottle No.: 0376

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:22D		
Control 1 EC	0.101%	12:22D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:22D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:23D		
Control 2 EC	0.100%	12:23D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:23D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:24D		
Control 3 EC	0.100%	12:25D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:25D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:26D		

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 P2-210 F.H.

Changed By:

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: *F.H. Hurtado #7635*

Badge No.: 7635

Date: 09/29/2023

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" FBI with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of the instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date:

Serial Number:

03/15/2020

AR1377-0092

Dräger, Inc.



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

Coordinator:

TPI. II FRANCISCO A. HURTADO
Name

7635
Badge No.

Location:

VERONA POLICE DEPT.
Agency

ARWM-0092
Alcotest Serial No.

Equipment:

221 473 055
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%	DDSC 53-0014	09:310	10:320	34.0°C
0.08%	DDWE 53-0200	09:310	10:330	33.9°C
0.10%	DDXA 53-0068	09:310	10:340	33.9°C
0.16%	DDSC 53-0004	09:310	10:350	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 \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. II Francisco A. Hurtado #7635
Coordinator's Signature

09-24-2023
Date



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



Cert. No.: 4000-13326316

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International LLC Rector Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087

Instrument Identification:

Model: 61220-601

S/N: 221473055

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	53139		
Temperature Probe	128	09 Jul 2022	15-D4FDQ-40-1
Thermistor Module	A17118	03 Jul 2022	1000459276
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Thermistor Module	B96381	18 Aug 2022	1000470702
Temperature Probe	5392	04 Aug 2022	450006080
Temperature Probe	5398	24 Aug 2022	450006081
Thermistor Module	B96382	06 Oct 2022	1000472705
Temperature Probe	5410	26 Oct 2022	4500060780

Certificate Information:

Technician: 299

Procedure: CAL-06

Cal Date: 25 Apr 2022

Cal Due Date: 25 Apr 2024

Test Conditions: 58.45%RH 23.43°C 1017mBar

Calibration Data: (New Instrument)

Units	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.000	Y	24.95	25.05	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.003	Y	49.95	50.05	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). This 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 restriction 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

Marcus Uno
Marcus Uno, Technical Manager

Note:

Maintaining Accuracy:

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

CONTROL COMPANY 12554 Galveston RD Suite B238 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-01995-2006-ACH-001-ANAS.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-13326316

Traceable® Certificate of Calibration for Digital Thermometer

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date: 25 Apr 2022

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 17029.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01205-2015-AQ-HOU-DANB.
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: "

DDSCS3-0014

Certification Date:

5-24-23

Technician:

DH / MB

Re-Certification Due Date:

5-24-24

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:

DDWE S3-0200

Certification Date:

5-30-23

Technician:

DH / MB

Re-Certification Due Date:

5-30-24

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:

DDSCS3-0004

Certification Date:

5-25-23

Technician:

DH / MB

Re-Certification Due Date:

5-25-24

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDEEP2-049

Certification Date:

5-30-23

Next Certification Due:

5-30-24

Probe Value:

104

Draeger, Inc.

DH / MB

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:

DDXAS3-0068

Certification Date:

3-15-23

Technician:

DH / MB

Re-Certification Due Date:

3-15-24

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:

DDWJP2-210

Certification Date:

3-15-23

Next Certification Due:

3-15-24

Probe Value:

102

Dräger, Inc.

DH / MB



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: Draeger, 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.

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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DIVISION OF STATE POLICE
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(609) 882-2000

PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General
COLONEL PATRICK J. CALLAHAN
Superintendent

CERTIFICATION OF ANALYSIS
0.040 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.

[Signature]
Notary

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



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State of New Jersey

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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

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 # 60110822
My Commission Expires 8/13/2024



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Proud on Research, Policy and Reliability





State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
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(609) 882-2000

PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General
COLONEL PATRICK J. CALLAHAN
Superintendent

CERTIFICATION OF ANALYSIS
0.160 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.

Michael Kennedy
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

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

[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110822
My Commission Expires 8/13/2024



"An Internationally Accredited Agency"

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Printed on Recycled Paper and 100% Cotton





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7065
W. W. BRENTRY, NJ 08628-2065
(609) 832-2100

PETER D. MURPHY
Governor

SHEILA Y. OLIVER
Deputy 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: 05/23/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22160

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13-51-4.3, of approved breath test instruments (N.J.A.C. 13-51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is May 9, 2024.

As Acting OPS 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
OPS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of May, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 80110622
My Commission Expires 8/13/2024



"An Internationally Accredited Agency"
New Jersey State Laboratory Institute
Forensic Sciences, Criminal Justice, and Research



DEPARTMENT OF
Traffic and Public Safety
Please do to verify that

Francisco A. Hurtado

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH TESTS IN ACCORDANCE WITH THE SPECIFIC TO CHAPTER 14 OF

THE LAWS OF NEW JERSEY OPERATING BY THE **Alcohol 7110 MKIII-C**

A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS **25th** DAY OF **July**

TWO THOUSAND AND TWENTY ONE

[Signature] *[Signature]*
SUPERVISOR ATTORNEY GENERAL
NEW JERSEY STATE POLICE STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2520 Rev. 02/10

DEPARTMENT OF
Traffic and Public Safety
Please do to verify that

Francisco A. Hurtado
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH TESTS IN ACCORDANCE WITH THE SPECIFIC TO CHAPTER 14 OF

THE LAWS OF NEW JERSEY OPERATING BY THE **Alcohol 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] *[Signature]*
SUPERVISOR ATTORNEY GENERAL
NEW JERSEY STATE POLICE STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1 12-6-18	Smyrna, NJ	<i>[Signature]</i>
2 8/13/20	Hubers, NJ	<i>[Signature]</i>
3 8/29/20	MCP	<i>[Signature]</i>
4		
5		
6		
7		
8		
9		

S.P. 2520 Rev. 02/10

Alcotest 7110 Calibration Record

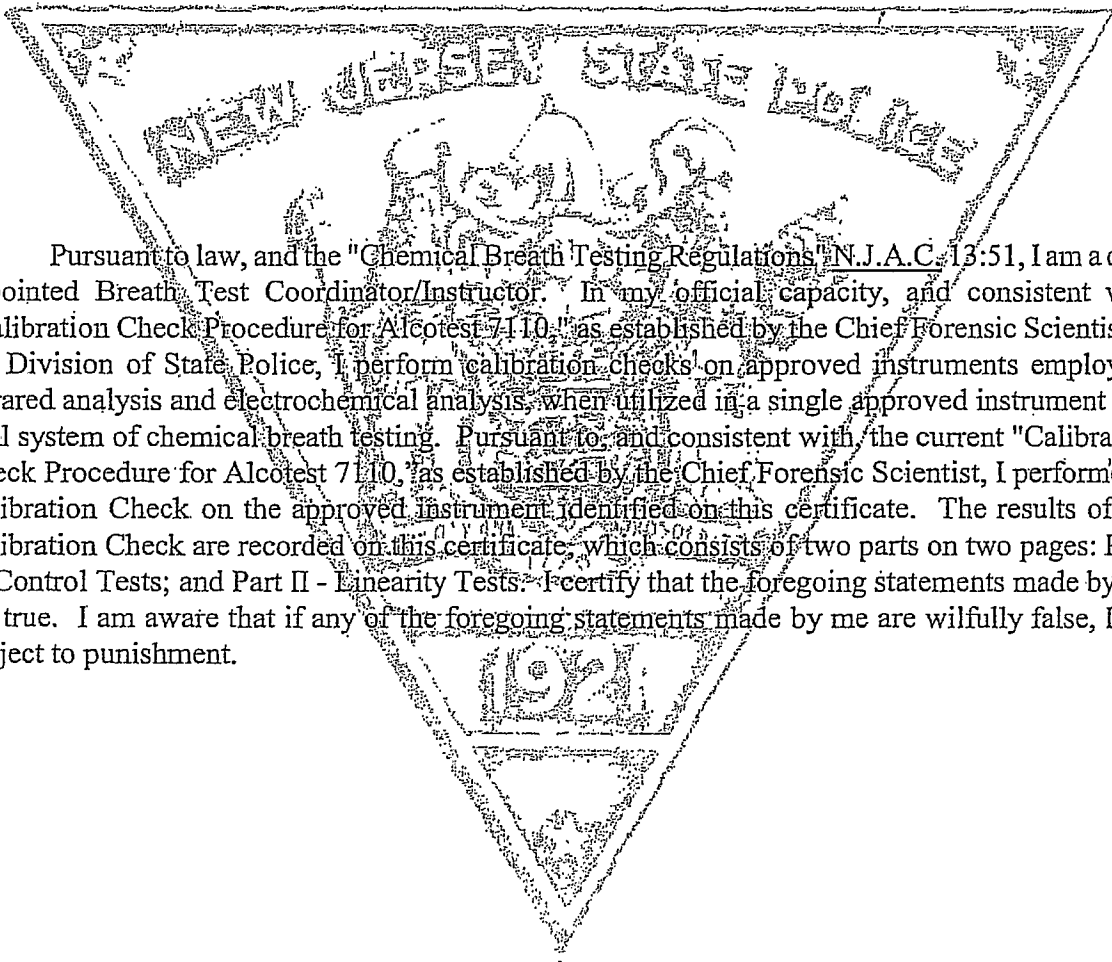
Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWM-0092
Location:	VERONA POLICE DEPT.		
Calibration File No.:	00786	Calib. Date:	04/06/2023
Certification File No.:	00764	Cert. No.:	00047
Linearity File No.:	00765	Cert. Date:	12/08/2022
Solution File No.:	00785	Lin. Date:	12/08/2022
Sequential File No.:	00786	Lin. No.:	00036
		Soln. Date:	04/01/2023
		Soln. No.:	00231
		File Date:	04/06/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXA S3-0068
Solution Control Lot:	21230	Expires:	06/23/2023
		Bottle No.:	0389

Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.
Signature: FRANCISCO HURTADO #7635 Badge No.: 7635
Date: 04/06/2023

*Black Key Temperature Probe Serial.....# DDLM P1-0014 F.H.

*Digital NIST Temperature Measuring System Serial.....# 221 473 055 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.: ARWM-0092
Location: VERONA POLICE DEPT.
Calibration File No.: 00786 Calib. Date: 04/06/2023 Calib. No.: 00047
Certification File No.: 00787 Cert. Date: 04/06/2023 Cert. No.: 00037
Linearity File No.: 00765 Lin. Date: 12/08/2022 Lin. No.: 00036
Solution File No.: 00785 Soln. Date: 04/01/2023 Soln. No.: 00231
Sequential File No.: 00787 File Date: 04/06/2023

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0068
Control Solution %: 0.100% Expires: 06/23/2023
Solution Control Lot: 21230 Bottle No.: 0389

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:23D		
Control 1 EC	0.099%	09:23D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:23D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:24D		
Control 2 EC	0.100%	09:25D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:25D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:26D		
Control 3 EC	0.099%	09:26D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:26D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:27D		

All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.

Signature: *Francisco Hurtado #7635* Badge No.: 7635
Date: 04/06/2023

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.: ARWM-0092
Location: VERONA POLICE DEPT.
Calibration File No.: 00786 Calib. Date: 04/06/2023 Calib. No.: 00047
Certification File No.: 00787 Cert. Date: 04/06/2023 Cert. No.: 00037
Linearity File No.: 00788 Lin. Date: 04/06/2023 Lin. No.: 00037
Solution File No.: 00785 Soln. Date: 04/01/2023 Soln. No.: 00231
Sequential File No.: 00788 File Date: 04/06/2023

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCN-0052
Control Solution %: 0.040% Expires: 07/06/2023
Solution Control Lot: 21250 Bottle No.: 1155

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0217
Control Solution %: 0.080% Expires: 07/19/2023
Solution Control Lot: 21260 Bottle No.: 0133

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDNL S3-0003
Control Solution %: 0.160% Expires: 07/29/2023
Solution Control Lot: 21290 Bottle No.: 1018

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:39D		
Control 1 EC	0.040%	09:40D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.038%	09:40D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:42D		
Control 2 EC	0.040%	09:42D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	09:42D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:44D		
Control 3 EC	0.081%	09:44D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	09:44D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46D		
Control 4 EC	0.080%	09:46D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.077%	09:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:48D		
Control 5 EC	0.161%	09:49D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.157%	09:49D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:50D		
Control 6 EC	0.159%	09:51D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.155%	09:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:52D		

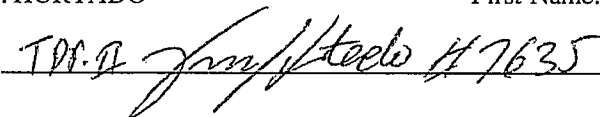
All tests within acceptable tolerance.

Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: 

Badge No.: 7635

Date: 04/06/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWM-0092
Location:	VERONA POLICE DEPT.	
Calibration File No.:	00786	Calib. Date: 04/06/2023
Certification File No.:	00787	Calib. No.: 00047
Linearity File No.:	00788	Cert. Date: 04/06/2023
Solution File No.:	00789	Cert. No.: 00037
Sequential File No.:	00789	Lin. Date: 04/06/2023
		Lin. No.: 00037
		Soln. Date: 04/06/2023
		Soln. No.: 00232
		File Date: 04/06/2023

Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXA S3-0068
Solution Control Lot:	22160	Expires: 05/09/2024
		Bottle No.: 0059

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:58D		
Control 1 EC	0.101%	10:59D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:59D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:00D		
Control 2 EC	0.100%	11:00D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:00D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:01D		
Control 3 EC	0.100%	11:02D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:03D		

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 P2-210 F.H.

Changed By:

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: *Francisco Hurtado #7635*

Badge No.: 7635

Date: 04/06/2023

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 7110-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:

01/15/2020

ARUM-0092

Dräger, Inc.

[Signature]

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

Coordinator:

TPC II FRANCISCO A. HORTADO
Name

7635
Badge No.

Location:

VERONA POLICE DEPT.
Agency

ARWM-0092
Alcotest Serial No.

Equipment:

221 473 055
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%	ODCN-0052	08:07 D	09:08 D	33.9° C
0.08%	DDWF 53-0217	08:07 D	09:09 D	34.0° C
0.10%	DDXA 53-0068	08:07 D	09:10 D	33.9° C
0.16%	DDNL 53-0003	08:07 D	09:11 D	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 \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.

TPC II Francisco A. Hortado #7635
Coordinator's Signature

04-06-2023
Date



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



Cert. No.: 4000-13326316

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: 221473055 Manufacturer: Control Company

Standards/Equipment:

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

Certificate Information:

Technician: 299 Procedure: CAL-06 Cal Date: 25 Apr 2022 Cal Due Date: 25 Apr 2024
 Test Conditions: 58.46%RH 23.43°C 1017mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.000	Y	24.95	25.05	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.003	Y	49.95	50.05	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= $\pm(\text{Max}-\text{Min})/2$; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Marisa Elms
Marisa Elms, Technical Manager

Note :

Maintaining Accuracy:

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

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
 Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
 International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-13326316

Traceable® Certificate of Calibration for Digital Thermometer

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 25 Apr 2022

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

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:

DDC IV-0052

Certification Date:

Technician:

Re-Certification Due Date:

2/14/2023

TM/ MB

2/14/2024

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

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

Serial Number:

DDWFS3-0217

Certification Date:

Technician:

Re-Certification Due Date:

2/10/2023

TM/ MB

2/10/2024

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

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

Serial Number:

DDNL S3-0003

Certification Date:

2/10/2023

Technician:

TM/MB

Re-Certification Due Date:

2/10/2024

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:

DDLMP1-0014

Certification Date:

2-24-23

Next Certification Due:

2-24-24

Probe Value:

104

Draeger, Inc.

DH/gh

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:

DDXA53-0068

Certification Date:

3-15-23

Technician:

DH / MB

Re-Certification Due Date:

3-15-24

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:

DDWJP2-210

Certification Date:

3-15-23

Next Certification Due:

3-15-24

Probe Value:

102

Draeger, Inc.

DH / MB



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General
PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 07/08/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21230

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 23, 2023.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of July, 2021.

Notary

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



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DIVISION OF STATE POLICE
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(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GRFWAL
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
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2021.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0970 to 0.0977 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 19, 2023.

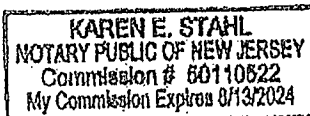
As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments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

Handwritten signature of Michael Kennedy

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

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

Notary



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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

ANDREW J. BRUCK
Acting Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 08/11/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1945 to 0.1977 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 29, 2023.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 30 day of August, 2021.

Notary signature

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
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
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 05/23/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22160

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is May 9, 2024.

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

Michael Kennedy
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

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

Notary [Signature]

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission #: 60110522
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Francisco A. Hurtado

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH TESTS IN ACCORDANCE WITH CHAPTER 140 OF THE STATUTES OF NEW JERSEY AND THE REGULATIONS OF THE BOARD OF PUBLIC SAFETY, AND TO SUPERVISE THE OPERATION OF THE ALCOHOL 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
AS AUTHORIZED BY THE BOARD OF PUBLIC SAFETY, NEW JERSEY, ON July 2018

TESTED AND ISSUED AT TRENTON, NEW JERSEY
[Signature] SUPERVISOR
[Signature] ATTORNEY GENERAL
NEW JERSEY STATE POLICE STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2338 (Rev. 07/21)



Francisco A. Hurtado
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH TESTS IN ACCORDANCE WITH CHAPTER 140 OF THE STATUTES OF NEW JERSEY AND THE REGULATIONS OF THE BOARD OF PUBLIC SAFETY, AND TO SUPERVISE THE OPERATION OF THE ALCOHOL 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
AS AUTHORIZED BY THE BOARD OF PUBLIC SAFETY, NEW JERSEY, ON September 2018

TESTED AND ISSUED AT TRENTON, NEW JERSEY
[Signature] SUPERVISOR
[Signature] ATTORNEY GENERAL
NEW JERSEY STATE POLICE STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-6-18	Summit NJ	<i>[Signature]</i>
2. 8/13/20	North Carolina	<i>[Signature]</i>
3. 8/29/20	MOVA	<i>[Signature]</i>
4		
5		
6		
7		
8		
9		

S.P. 2338 (Rev. 05/18)