

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0056
Location:	LONG BRANCH POLICE DEPT	
Calibration File No.:	00939	Calib. Date: 12/27/2021
Certification File No.:	00905	Cert. Date: 07/07/2021
Linearity File No.:	00906	Lin. Date: 07/07/2021
Solution File No.:	00938	Soln. Date: 12/27/2021
Sequential File No.:	00939	File Date: 12/27/2021
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXN S3-0217
Solution Control Lot:	20220	Expires: 05/06/2022
		Bottle No.: 1470

Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

Signature: TPR II. N. M. #7413

MI: E.

Badge No.: 7413

Date: 12/27/2021

*Black Key Temperature Probe Serial.....#

DDEE P2-099 NM

*Digital NIST Temperature Measuring System Serial.....#

210216823 NM

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-0056		
Location:	LONG BRANCH POLICE DEPT			
Calibration File No.:	00939	Calib. Date: 12/27/2021		
Certification File No.:	00940	Cert. Date: 12/27/2021		
Linearity File No.:	00906	Lin. Date: 07/07/2021		
Solution File No.:	00938	Soln. Date: 12/27/2021		
Sequential File No.:	00940	File Date: 12/27/2021		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.100%	Serial No.: DDXN S3-0217		
Solution Control Lot:	20220	Expires: 05/06/2022		
		Bottle No.: 1470		
Function	Result	Time	Temperature	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:56S	Simulator (°C)	
Control 1 EC	0.099%	07:56S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	07:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:57S		
Control 2 EC	0.099%	07:58S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	07:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:59S		
Control 3 EC	0.098%	08:00S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:01S		

All tests within acceptable tolerance.

Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: _____

TPR II. N/A #7413

Badge No.: 7413

Date: 12/27/2021

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

Location:	Alcotest 7110 MKIII-C LONG BRANCH POLICE DEPT	Serial No.: ARXA-0056
Calibration File No.:	00939	Calib. Date: 12/27/2021
Certification File No.:	00940	Cert. Date: 12/27/2021
Linearity File No.:	00941	Lin. Date: 12/27/2021
Solution File No.:	00938	Soln. Date: 12/27/2021
Sequential File No.:	00941	File Date: 12/27/2021
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDWF S3-0223
Solution Control Lot:	20260	Expires: 06/08/2022 Bottle No.: 0905
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDXD S3-0193
Solution Control Lot:	20270	Expires: 06/11/2022 Bottle No.: 1074
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDSC S3-0013
Solution Control Lot:	20280	Expires: 06/17/2022 Bottle No.: 1457

Function

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:10S		
Control 1 EC	0.040%	08:11S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	08:11S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:12S		
Control 2 EC	0.041%	08:13S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	08:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:15S		
Control 3 EC	0.082%	08:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	08:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:17S		
Control 4 EC	0.081%	08:18S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	08:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:20S		
Control 5 EC	0.160%	08:20S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	08:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:22S		
Control 6 EC	0.158%	08:23S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	08:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:25S		

All tests within acceptable tolerance.

Coordinator

Last Name: MIMIKOS

Signature: _____

TPR II. N. M. #7413

First Name: NICHOLAS

MI: E.

Badge No.: 7413

Date: 12/27/2021

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0056		
Location:	LONG BRANCH POLICE DEPT			
Calibration File No.:	00939	Calib. Date: 12/27/2021		
Certification File No.:	00940	Cert. Date: 12/27/2021		
Linearity File No.:	00941	Lin. Date: 12/27/2021		
Solution File No.:	00942	Soln. Date: 12/27/2021		
Sequential File No.:	00942	File Date: 12/27/2021		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.100%	Serial No.: DDXN S3-0216		
Solution Control Lot:	20390	Expires: 09/02/2022		
		Bottle No.: 0117		
Function	Result	Time	Temperature	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:45S	Simulator (°C)	
Control 1 EC	0.100%	09:45S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:45S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46S		
Control 2 EC	0.099%	09:47S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:48S		
Control 3 EC	0.098%	09:49S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:49S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:50S		

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: DDXA P2-14 NM
 Changed By:
 Last Name: MIMIKOS First Name: NICHOLAS MI: E.
 Signature: TPR II. N. M. #7413 Badge No.: 7413
 Date: 12/27/2021

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

Coordinator:

TPR II. Nicholas E. Mimikos
Name

7413

Badge No.

Location:

Long Branch Police Dept
Agency

ARXA-0056

Alcotest Serial No.

Equipment:

210216823

Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDWF S3-0223	06:44S	07:46S	34.0°C
0.08%	DDXD S3-0193	06:44S	07:47S	34.0°C
0.10%	DDXN S3-0217	06:44S	07:48S	34.0°C
0.16%	DDSC S3-0013	06:44S	07:49S	34.0°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius \pm 0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

TPR II. N. E. Mimikos #7413
Coordinator's Signature

1212712021
Date

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for automated breath testing devices. The Alcotest MKIII-C is certified as a "mobile" and "removable" EBT with 49 CFR 40.504, 49 CFR 40.604 and 49 CFR 40.705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state specifications.

Certification Date:

4-13-16

SERIAL NUMBER:

ARYA-0056

Dräger Safety Diagnostics, Inc. BC



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



Cert. No.: 4000-12064539

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: 210216823

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	01 Mar 2022	1000464865
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A73332		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	08 Mar 2022	C1228019
Temperature Calibration Bath	B3A444		
Temperature Probe	5357	09 Jun 2021	C0428083
Thermistor Module	B5C344	06 Jun 2021	1000452872
Thermistor Module	B96381	21 Aug 2021	1000457544
Temperature Probe	5392	04 Aug 2021	C0804052
Temperature Probe	5398	04 Aug 2021	C0804051

Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 17 Mar 2021

Cal Due Date: 17 Mar 2023

Test Conditions: 62.18%RH 22.28°C 1006mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.002	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.001	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.002	100.002	Y	99.952	100.052	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, Quality Manager

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.: 4000-12064539



Traceable® Certificate of Calibration for Digital Thermometer

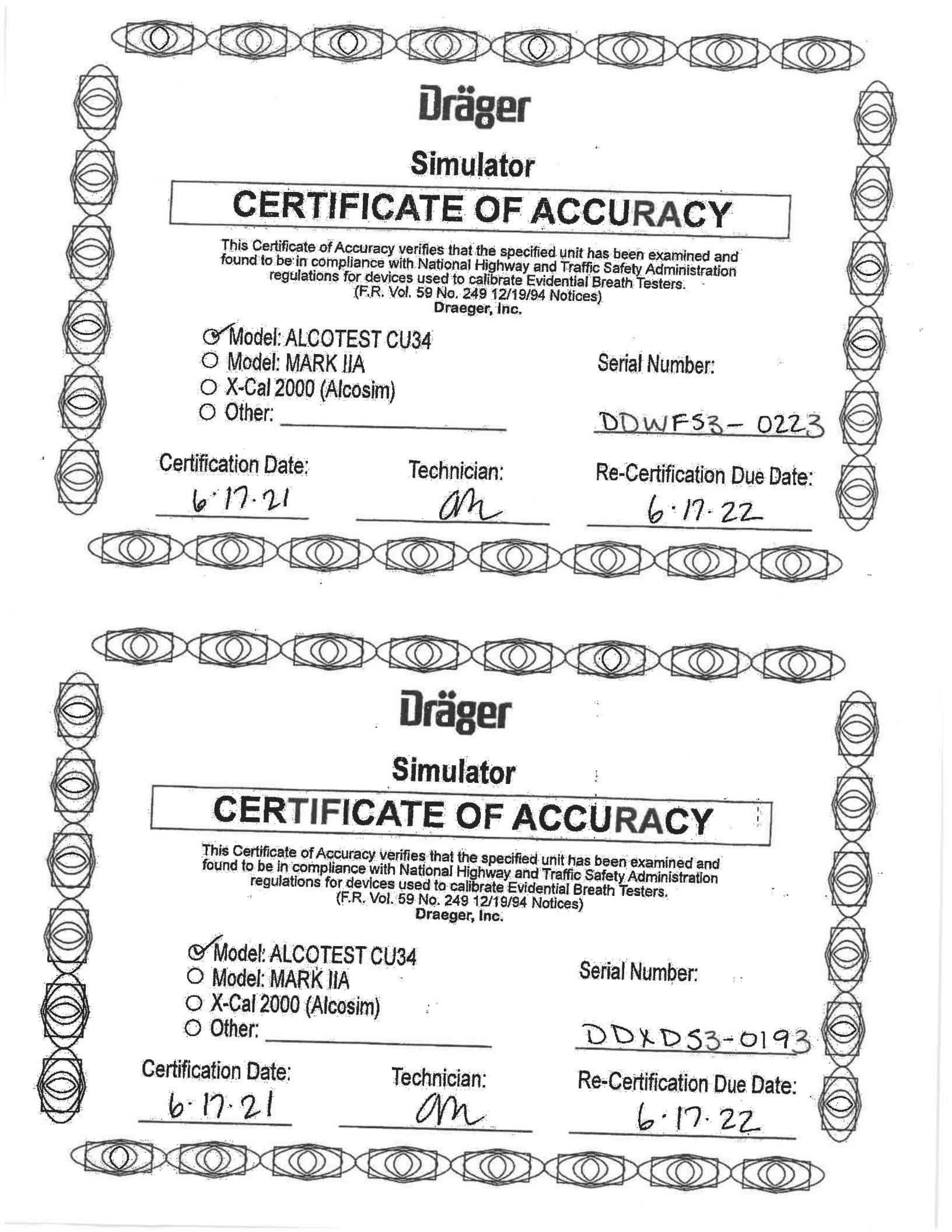
Recalibration:

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

Issue Date : 17 Mar 2021

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

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



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:

DDWFS3-0223

Certification Date:

6-17-21

Technician:

Am

Re-Certification Due Date:

6-17-22

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:

DDXDS3-0193

Certification Date:

6-17-21

Technician:

Am

Re-Certification Due Date:

6-17-22



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:

DD5CS3-0013

Certification Date:

6-17-21

Technician:

Am

Re-Certification Due Date:

6-17-22



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: DDEEP2-099 Certification Date: 6-21-21 Next Certification Due:

6-21-22

Probe Value:

105

Draeger, Inc.

Am

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:

DDXNS3-0217

Certification Date:

4.21.21

Technician:

AB

Re-Certification Due Date:

4.21.22

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:

DDXNS3-D216

Certification Date:

Technician:

11-1-21

MB

Re-Certification Due Date:

11-1-22

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:

Certification Date:

Next Certification Due:

DDXAP2-114

11-1-21

11-1-22

Probe Value:

106

Draeger, Inc.

MB



State of New Jersey

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

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

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: 05/22/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20220

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 0.1227 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 06, 2022.

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

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

Sworn to and subscribed before me this 27th day of May, 2020.

Matthew P. Beach
Notary



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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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

0.040 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: 07/29/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0481 to 0.0486 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 08, 2022.

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

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

Sworn to and subscribed before me this 18th day of August, 2020.
Maryanne Kucker
Notary



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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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 0.160 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: 07/17/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20280

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1949 to 0.1977 grams per 100 milliliters of solution.

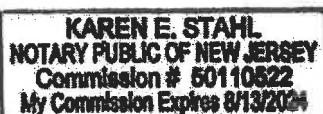
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 17, 2022.

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

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

Sworn to and subscribed before me this 28 day of July, 2020.

[Signature]
Notary



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

POST OFFICE BOX 7068

WEST TRENTON, NJ 08628-0068

(609) 882-2000

PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

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: 08/07/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0974 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 11, 2022.

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

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

Sworn to and subscribed before me this 18th day of August, 2020.
Mayenne Kucher
Notary



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State of New Jersey

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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALIAHAN
Colonel

CERTIFICATION OF ANALYSIS 0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 09/17/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20390

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1223 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 September 2, 2022.

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

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

Sworn to and subscribed before me this 18th day of SEPTEMBER, 2020.

Kathleen O'Neal
Notary



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DEPARTMENT OF
Public Safety
This is to certify that

NICHOLAS E. MIMIKOS
NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 140 OF
THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 23rd DAY OF OCTOBER

TWO THOUSAND AND FOURTEEN

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6-3-16	BELLEVILLE, NJ	<i>[Signature]</i>
2. 1-19-18	BELLEVILLE, NJ	<i>[Signature]</i>
3. 2-20-20	BELLEVILLE, NJ	<i>[Signature]</i>
4.		
5.		
6.		
7.		
8.		
9.		
S.P. 293B (Rev. 09/13)		

DEPARTMENT OF
Public Safety
This is to certify that

Nicholas E. Mimikos

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 140 OF
THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

TWO THOUSAND AND Eighteen

[Signature]
COLONEL
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
S.P. 293B (Rev. 01/18)		