Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE				
Calibration File No.:	01875	Calib. Date:	03/16/2021	Calib. No.:	00043
Certification File No.:	01849	Cert. Date:	09/29/2020	Cert. No.:	00033
Linearity File No.:	01850	Lin. Date:	09/29/2020	Lin. No.:	00033
Solution File No.:	01874	Soln. Date:	03/04/2021	Soln. No.:	00326
Sequential File No.:	01875	File Date:	03/16/2021		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWL S3-0441
Control Solution %:	0.100%			Expires:	10/14/2021
Solution Control Lot:	19270			Bottle No.:	0639

Coordinator

Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpr I Dennis 7045 Badge No.: 7045

Date: 03/16/2021

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

*Digital NIST Temperature Measuring System Serial.....# 200 357 843 (DL)

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.: ARWJ-0018

Location: SEASIDE HEIGHTS POLICE

Calibration File No.:	01875	Calib. Date:	03/16/2021	Calib. No.:	00043
Certification File No.:	01876	Cert. Date:	03/16/2021	Cert. No.:	00034
Linearity File No.:	01850	Lin. Date:	09/29/2020	Lin. No.:	00033
Solution File No.:	01874	Soln. Date:	03/04/2021	Soln. No.:	00326
Sequential File No.:	01876	File Date:	03/16/2021		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDWL S3-0441

Control Solution %: 0.100% — Expires: 10/14/2021

Solution Control Lot: 19270 — Bottle No.: 0639

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:12S	09:12D DL	
Control 1 EC	0.100%	08:12S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:12S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:13S		
Control 2 EC	0.098%	08:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:15S		
Control 3 EC	0.098%	08:15S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:16S	09:16D DL	

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ — First Name: DENNIS — MI: J

Signature: Tpr I Lutz 7045 — Badge No.: 7045 — Date: 03/16/2021

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 Alcotest 7110 MKIII-C — Serial No.: ARWJ-0018

Location: SEASIDE HEIGHTS POLICE

Calibration File No.:	01875	Calib. Date:	03/16/2021	Calib. No.:	00043
Certification File No.:	01876	Cert. Date:	03/16/2021	Cert. No.:	00034
Linearity File No.:	01877	Lin. Date:	03/16/2021	Lin. No.:	00034
Solution File No.:	01874	Soln. Date:	03/04/2021	Soln. No.:	00326
Sequential File No.:	01877	File Date:	03/16/2021		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDSC S3-0001
Control Solution %:	0.040%			Expires:	11/04/2021
Solution Control Lot:	19310			Bottle No.:	0328
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXC S3-0020
Control Solution %:	0.080%			Expires:	11/11/2021
Solution Control Lot:	19320			Bottle No.:	0521
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDMK S3-0006
Control Solution %:	0.160%			Expires:	12/02/2021
Solution Control Lot:	19360			Bottle No.:	0832

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:29S	09:29 D (DL)	
Control 1 EC	0.041%	08:30S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	08:30S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:31S		
Control 2 EC	0.041%	08:32S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	08:32S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:34S		
Control 3 EC	0.081%	08:34S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	08:34S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:36S		
Control 4 EC	0.079%	08:36S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	08:36S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:38S		
Control 5 EC	0.159%	08:39S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	08:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:40S		
Control 6 EC	0.159%	08:41S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	08:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:43S	09:43 D (DL)	

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpr I [signature] 7045 Badge No.: 7045

Date: 03/16/2021

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARWJ-0018

Location: SEASIDE HEIGHTS POLICE

Calibration File No.:	01875	Calib. Date: 03/16/2021	Calib. No.: 00043
Certification File No.:	01876	Cert. Date: 03/16/2021	Cert. No.: 00034
Linearity File No.:	01877	Lin. Date: 03/16/2021	Lin. No.: 00034
Solution File No.:	01878	Soln. Date: 03/16/2021	Soln. No.: 00327
Sequential File No.:	01878	File Date: 03/16/2021	

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDWL S3-0441

Control Solution %: 0.100% — Expires: 01/13/2023

Solution Control Lot: 21010 — Bottle No.: 0496

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:54S	10:54 D (DL)	
Control 1 EC	0.101%	09:54S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	09:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:55S		
Control 2 EC	0.099%	09:56S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:57S		
Control 3 EC	0.099%	09:57S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S	10:58 D (DL)	

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in acordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDWJP2-064 (DL)

Changed By:

Last Name: LUTZ — First Name: DENNIS — MI: J

Signature: Tpr I Dennis 7045 — Badge No.: 7045

Date: 03/16/2021

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

Coordinator:

Tpr I Denis J Lutz
Name

7045
Badge No.

Location:

Seaside Heights Police
Agency

ALWJ-0018
Alcotest Serial No.

Equipment:

200 357 843
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%	DDSC53-0001	07:58 D (DL)	09:00 D (DL)	33.9°C
0.08%	DDXC53-0020	07:58 D (DL)	09:01 D (DL)	33.9°C
0.10%	DDWL53-0441	07:58 D (DL)	09:03 D (DL)	34.0°C
0.16%	DDMK53-0006	07:58 D (DL)	09:04 D (DL)	33.9°C

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

Tpr I Lutz 7045
Coordinator's Signature

3-16-21
Date

Dräger

Simulator

CERTIFICATE OF ACCURACY

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

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

Serial Number: DDSCS3-0001

Certification Date: 6·2·20

Technician: [signature]

Re-Certification Due Date: 6·2·21

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.

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

Serial Number: DDXCS3-0020

Certification Date: 6·2·20

Technician: [signature]

Re-Certification Due Date: 6·2·21

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: DDMK53-0004

Certification Date:	Technician:	Re-Certification Due Date:
10·15·20	MB	10·15·21

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:
DDEEP2-0160	6·3·20	6·3·21

Probe Value: 106

Draeger, Inc. MB

ACCREDITED
A2LA Certificate No. 1750.01
Calibration

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

Cert. No.: 4000-11349797

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: 200357843 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	21 Feb 2021	C0220030
Temperature Calibration Bath	B16388		
Temperature Probe	5267	21 Feb 2021	C0220028
Temperature Calibration Bath	B3A444		
Thermistor Module	B96381	16 Jul 2020	B9626028
Temperature Probe	5398	16 Jul 2020	B9605083
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5410	13 Sep 2020	B9801031

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 15 Jun 2020 Cal Due Date: 15 Jun 2022

Test Conditions: 52.44%RH 23.46°C 1018mBar

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.		25.001	25.001	Y	24.951	25.051	0.0087	>4:1
°C	N.A.	N.A.		50.002	50.001	Y	49.952	50.052	0.0087	>4:1
°C	N.A.	N.A.		100.001	99.998	Y	99.951	100.051	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

ACCREDITED
A2LA Certificate No. 1750.01
Calibration

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

Cert. No.: 4000-11349797

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 : 15 Jun 2020

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

State of New Jersey

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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 Safety, Inc. **ANALYSIS DATE:** 10/21/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1232 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 October14, 2021.

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 28 day of October, 2019.

Notary

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

State of New Jersey
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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 Safety, Inc. **ANALYSIS DATE:** 11/14/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19310

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 November 04, 2021.

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 15 day of November, 2019.

Notary

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

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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 Safety, Inc. **ANALYSIS DATE:** 11/20/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0971 to 0.0985 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 November 11, 2021.

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 21 day of November, 2019.

Notary

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

State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
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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:** 12/11/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1956 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 December 02, 2021.

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 18 day of December, 2019.

Notary

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

State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
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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:** 01/28/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21010

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 0.1228 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 January 13, 2023.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 29 day of January, 2021.

Notary

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

DEPARTMENT OF
Law and Public Safety

This is to certify that

Dennis J. Lutz

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 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 29th DAY OF January TWO THOUSAND AND Nineteen

COLONEL
NEW JERSEY STATE POLICE

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. 2938 (Rev. 01/19)

DEPARTMENT OF
Law and Public Safety

This is to certify that

Dennis J. Lutz
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 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 1st DAY OF October TWO THOUSAND AND Nine

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	2-7-11	OCPA	[illegible]
2.	1/24/13	OCPA	[illegible]
3.	11-23-15	OCPA	[illegible]
4.	4/6/17	LAWRENCEVILLE	[illegible]
5.	8/22/19	NJSP Galloway	[illegible]
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 01/19)

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 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 Specifications.

Certification Date: 10-12-16

SERIAL NUMBER: ARWJ-0018

Draeger Safety Diagnostics, Inc. BC

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: DDWLS3-0441

Certification Date: 1·12·21

Technician: AM

Re-Certification Due Date: 1·12·22

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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: DDWJP2-064

Certification Date: 1·12·21

Next Certification Due: 1·12·22

Probe Value: 100

Draeger, Inc. AM