Alcotest 7110 Calibration Record

Equipment
Location: Alcotest 7110 MKIII-C
SEASIDE HEIGHTS POLICE
Serial No.: ARWJ-0018

Calibration File No.: 01848
Certification File No.: 01811
Linearity File No.: 01812
Solution File No.: 01846
Sequential File No.: 01848

Calib. Date: 09/29/2020
Cert. Date: 05/13/2020
Lin. Date: 05/13/2020
Soln. Date: 09/21/2020
File Date: 09/29/2020

Calib. No.: 00042
Cert. No.: 00032
Lin. No.: 00032
Soln. No.: 00320

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 19270

Model No.: CU-34

Serial No.: DDWL S3-0440
Expires: 10/14/2021
Bottle No.: 1182

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

Signature: TPI I Dept 7045

Badge No.: 7045
Date: 09/29/2020

*Black Key Temperature Probe Serial.....# DDEEP2-060 DC

*Digital NIST Temperature Measuring System Serial.....# 191959029 DC

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.:	01848	Calib. Date:	09/29/2020	Calib. No.:	00042
Certification File No.:	01849	Cert. Date:	09/29/2020	Cert. No.:	00033
Linearity File No.:	01812	Lin. Date:	05/13/2020	Lin. No.:	00032
Solution File No.:	01846	Soln. Date:	09/21/2020	Soln. No.:	00320
Sequential File No.:	01849	File Date:	09/29/2020		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWL S3-0440
Control Solution %:	0.100%			Expires:	10/14/2021
Solution Control Lot:	19270			Bottle No.:	1182

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:08D		
Control 1 EC	0.098%	13:08D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09D		
Control 2 EC	0.097%	13:10D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 3 EC	0.098%	13:11D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpc I Dennis 7045 Badge No.: 7045

Date: 09/29/2020

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.:	01848	Calib. Date:	09/29/2020	Calib. No.:	00042
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.:	01846	Soln. Date:	09/21/2020	Soln. No.:	00320
Sequential File No.:	01850	File Date:	09/29/2020		

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.:	1048

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.:	0204

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDMK S3-0008
Control Solution %:	0.160%			Expires:	12/02/2021
Solution Control Lot:	19360			Bottle No.:	0771

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:25D		
Control 1 EC	0.040%	13:26D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 2 EC	0.039%	13:28D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	13:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29D		
Control 3 EC	0.079%	13:30D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:31D		
Control 4 EC	0.079%	13:32D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	13:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 5 EC	0.157%	13:34D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.156%	13:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		
Control 6 EC	0.155%	13:37D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	13:37D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:38D		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpr I Dent 7045

Badge No.: 7045

Date: 09/29/2020

Calibrating Unit
New Standard Solution Report

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

Location: SEASIDE HEIGHTS POLICE

Calibration File No.:	01848	Calib. Date:	09/29/2020	Calib. No.:	00042
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.:	01851	Soln. Date:	09/29/2020	Soln. No.:	00321
Sequential File No.:	01851	File Date:	09/29/2020		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWL S3-0440
Control Solution %:	0.100%			Expires:	07/06/2022
Solution Control Lot:	20320			Bottle No.:	0293

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:50D		
Control 1 EC	0.098%	14:51D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	14:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		
Control 2 EC	0.098%	14:52D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	14:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		
Control 3 EC	0.098%	14:54D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.097%	14:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:55D		

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: DDWJP2-063 (DC)

Changed By:

Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpr I Lutz 7045 Badge No.: 7045

Date: 09/29/2020

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

Coordinator:

Tpr I Dennis J Lutz
Name

7045
Badge No.

Location:

Seaside Heights Police
Agency

APWJ-0018
Alcotest Serial No.

Equipment:

191 959 029
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 53-0001	11:29 D	12:51 D	33.9°C
0.08%	DDXC 53-0020	11:29 D	12:52 D	33.9°C
0.10%	DDWL 53-0440	11:29 D	12:53 D	34.0°C
0.16%	DDMK 53-0008	11:29 D	12:54 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 ± 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

9-29-20
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: DDSC53-0001

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: DDXC53-0020

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: DDMK53-0008

Certification Date:	Technician:	Re-Certification Due Date:
6·2·20	MB	6·2·21

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.: 4000-10177848

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: 191959029 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 13 Feb 2019 Cal Due Date: 13 Feb 2021

Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.000	100.002	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=±(Max-Min)/2; Min=As Left Nominal(Rounded) – Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez, Quality Manager

Aaron Judice, 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.

Recalibration:

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

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

Traceable® Certificate of Calibration for Digital Thermometer

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Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.control3.com

State of New Jersey

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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 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

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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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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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
OFFICE OF THE ATTORNEY GENERAL
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DIVISION OF STATE POLICE
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PHILIP D. MURPHY
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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:** 07/27/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1222 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, 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
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 29 day of July, 2020.

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. 2939 (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.	2-3-11	OCPA	Wm Lutz
2.	1-29-13	OCPA	Adam Stanley
3.	11-23-15	OCPA	M. Gonçalves
4.	4/6/17	LAKEHURST	Adam Stanley
5.	8/22/19	NJSP Galloway	[illegible]
6.			
7.			
8.			
9.			

S.P. 2939 (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: DDWLS3-0440

Certification Date: 8·26·20

Technician: [signature]

Re-Certification Due Date: 8·26·21

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: DDWJP2-063

Certification Date: 8·26·20

Next Certification Due: 8·26·21

Probe Value: 102

Draeger, Inc. [signature]