

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD	
Calibration File No.:	02102	Calib. Date: 07/01/2020
Certification File No.:	02084	Cert. Date: 01/22/2020
Linearity File No.:	02085	Lin. Date: 01/22/2020
Solution File No.:	02101	Soln. Date: 06/03/2020
Sequential File No.:	02102	File Date: 07/01/2020
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUF S3-0065
Solution Control Lot:	19270	Expires: 10/14/2021
		Bottle No.: 0034

Coordinator

Last Name: WATSON

Signature: TP1. J. WATSON

First Name: MATTHEW

#7078

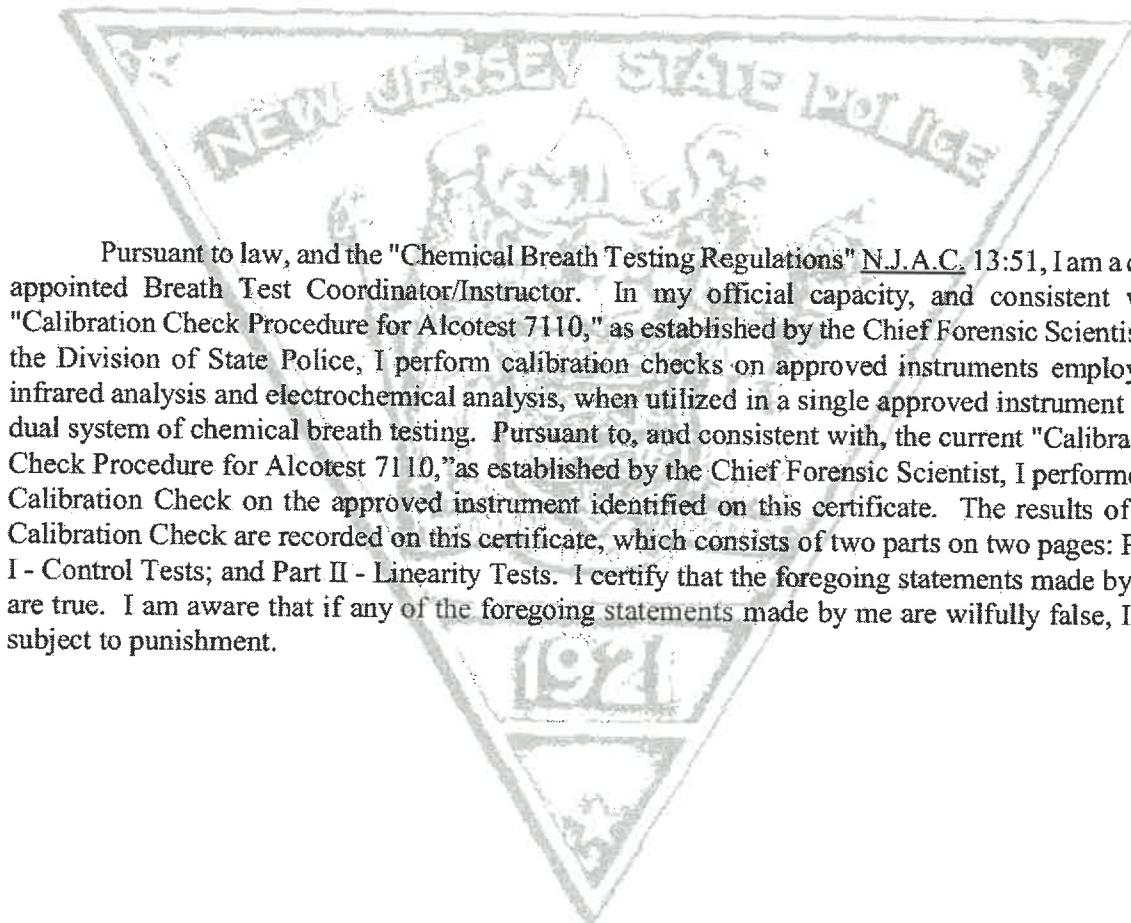
MI: R

Badge No.: 7078

Date: 07/01/2020

*Black Key Temperature Probe Serial.....# DDLBP3- 0084 MRW

*Digital NIST Temperature Measuring System Serial.....# 191959028 MRW



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.:	ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD		
Calibration File No.:	02102	Calib. Date:	07/01/2020
Certification File No.:	02103	Cert. Date:	07/01/2020
Linearity File No.:	02085	Lin. Date:	01/22/2020
Solution File No.:	02101	Soln. Date:	06/03/2020
Sequential File No.:	02103	File Date:	07/01/2020
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%		Serial No.: DDUF S3-0065
Solution Control Lot:	19270		Expires: 10/14/2021
			Bottle No.: 0034

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:53D		*** TEST PASSED ***
Control 1 EC	0.100%	11:53D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:54D		*** TEST PASSED ***
Control 2 EC	0.099%	11:54D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:54D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:55D		*** TEST PASSED ***
Control 3 EC	0.099%	11:56D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:56D		*** TEST PASSED ***

All tests within acceptable tolerance.

Coordinator

Last Name: WATSON

Signature: 

First Name: MATTHEW

MI: R

Badge No.: 7078

Date: 07/01/2020

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.: ARTL-0005		
Location:	PLAINSBORO TOWNSHIP PD			
Calibration File No.:	02102	Calib. Date: 07/01/2020		
Certification File No.:	02103	Cert. Date: 07/01/2020		
Linearity File No.:	02104	Lin. Date: 07/01/2020		
Solution File No.:	02101	Soln. Date: 06/03/2020		
Sequential File No.:	02104	File Date: 07/01/2020		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.040%	Serial No.: DDRF S3-0009		
Solution Control Lot:	19310	Expires: 11/04/2021 Bottle No.: 1472		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.080%	Serial No.: DDCN-0054		
Solution Control Lot:	19320	Expires: 11/11/2021 Bottle No.: 1220		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.160%	Serial No.: DDWF S3-0261		
Solution Control Lot:	19360	Expires: 12/02/2021 Bottle No.: 0948		
Function	Result	Time	Temperature	Comment(s)
Ambient Air Blank	0.000%	HH:MM 12:06D	Simulator (°C) 34.0°C	or Error(s) *** TEST PASSED ***
Control 1 EC	0.042%	12:06D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:08D		
Control 2 EC	0.040%	12:08D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	12:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:10D		
Control 3 EC	0.081%	12:10D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	12:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:12D		
Control 4 EC	0.080%	12:12D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	12:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:14D		
Control 5 EC	0.162%	12:14D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	12:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:16D		
Control 6 EC	0.162%	12:16D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	12:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:18D		

All tests within acceptable tolerance.

Coordinator

Last Name: WATSON

Signature: Tpr. I. Matthew #7078

First Name: MATTHEW

MI: R

Badge No.: 7078

Date: 07/01/2020

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTL-0005		
Location:	PLAINSBORO TOWNSHIP PD			
Calibration File No.:	02102	Calib. Date: 07/01/2020		
Certification File No.:	02103	Cert. Date: 07/01/2020		
Linearity File No.:	02104	Lin. Date: 07/01/2020		
Solution File No.:	02105	Soln. Date: 07/01/2020		
Sequential File No.:	02105	File Date: 07/01/2020		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.100%	Serial No.: DDUF S3-0065		
Solution Control Lot:	20090	Expires: 02/19/2022		
		Bottle No.: 0430		
Function	Result	Time	Temperature	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:22D	Simulator (°C)	
Control 1 EC	0.102%	13:22D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:23D		
Control 2 EC	0.101%	13:24D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:24D		
Control 3 EC	0.101%	13:25D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26D		

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:

DDUJP2-144

MRW

Changed By:

Last Name: WATSON

First Name: MATTHEW

MI: R

Signature:

T. Watson 07/01/2020

Badge No.: 7078

Date: 07/01/2020

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

Coordinator:

Tpr. I Matthew R. Watson
Name

7078
Badge No.

Location:

Plainsboro Township PD
Agency

ARTL-0005
Alcotest Serial No.

Equipment:

191959028

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%	DDRF53-0009	10:250	11:440	33.9°C
0.08%	DDCN-0054	10:250	11:450	33.9°C
0.10%	DDUF53-0065	10:250	11:460	33.9°C
0.16%	DDWF53-0261	10:250	11:470	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.

Tpr. I Matthew R. Watson #7078
Coordinator's Signature

07/01/2020
Date



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:

DDRF53-0009

Certification Date:

3.9.20

Technician:

M

Re-Certification Due Date:

3.9.21

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:

DDCN-0054

Certification Date:

3.10.20

Technician:

MB

Re-Certification Due Date:

3.10.21

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:

DDWFS3- 0261

Certification Date:

3-10-20

Technician:

M

Re-Certification Due Date:

3-10-21

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

Serial Number Temp Probe:

DDLBP3-0084

Certification Date:

3-11-20

Next Certification Due:

3-11-21

Probe Value:

104

Draeger, Inc.

MJS



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



Cert. No.: 4000-10177847

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: 191959028

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	25.001	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	100.003	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 Judge, 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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10177847

Traceable® Certificate of Calibration for Digital Thermometer

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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2008-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
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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 October 14, 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
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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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 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
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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State of New Jersey

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Lt. Governor

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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.

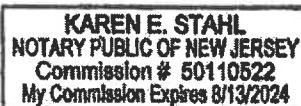
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration 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
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of November, 2019.

[Signature]
Notary



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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
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



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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: 03/03/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20090

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 February 19, 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 3 day of March, 2020.

Karen E. Stahl
Notary

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



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DEPARTMENT OF
Public Safety

This is to certify that

Matthew R. Watson
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT BREATHALYZERS PURSUANT TO CHAPTER 142 OF
THE LAW OF 1964 IN THE OPERATION OF THE ALCOHOL TEST 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 10TH DAY OF

August 2010

TWO THOUSAND AND

Ten

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course	PLACE	INSTRUCTOR
1. 11-8-12	6CPA	6CPA	Tom Lenz
2. 7/14/15	6CPA	6CPA	Adam Stankos
3. 3/23/17	Lakehurst	Lakehurst	Michael Jancik
4. 9-20-19	GCFA	GCFA	Tom Lenz
5.			
6.			
7.			
8.			
9.			
S.P. 2938 (Rev. 03/10)			

DEPARTMENT OF
Public Safety

This is to certify that

Matthew R. Watson
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT BREATHALYZERS PURSUANT TO CHAPTER 142 OF
THE LAW OF 1964 IN THE OPERATION OF THE ALCOHOL TEST 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 11TH DAY OF

June 2016

TWO THOUSAND AND

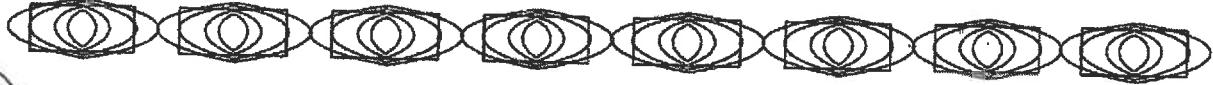
Sixteen

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course	PLACE	INSTRUCTOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
S.P. 2938 (Rev. 08/13)			



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's Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date: Serial Number:

1-2-2020 ARTL-0005

Draeger, Inc.



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:

DDUFS3- 0065

Certification Date:

4.13.20

Technician:

dh

Re-Certification Due Date:

4.13.21

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

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

DD4JP2 - 144

Certification Date:

4.13.20

Next Certification Due:

4.13.21

Probe Value:

106

Draeger, Inc.

dh