#### **Alcotest 7110 Calibration Record**

Equipment Location:

Alcotest 7110 MKIII-C

Serial No.: ARWM-0092

Calibration File No.:

VERONA POLICE DEPT. 00702

Calib. No.: 00043

Certification File No.: 00694 Linearity File No.:

00695

Calib. Date: 08/25/2021 Cert. Date: 03/19/2021 03/19/2021 Lin. Date:

Cert. No.: 00032 Lin. No.: 00032

Solution File No.: Sequential File No.: 00700 00702 Soln. Date: 08/04/2021 File Date: 08/25/2021

Soln. No.: 00206

Calibrating Unit:

WET 0.100% Model No.: CU-34

Serial No.: DDXA S3-0065

Expires: 10/16/2021

Control Solution %: Solution Control Lot:

19280

Bottle No.: 1332

Coordinator

Last Name: MULCH

First Name: CHRISTOPHER

MI: C.

Badge No.: 6806 Date:

08/25/2021

\*Black Key Temperature Probe Serial...#

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

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

## **Alcotest 7110 Calibration Certificate**

#### Part I - Control Tests

Equipment	Alcotest 7110 MKIII-C			Serial No.: ARWM-0092
Location:	VERONA POLICE DEPT	•		2011at 110 111(WIVI-00)Z
Calibration File No.:	00702	Calib. Date	e: 08/25/2021	Calib. No.: 00043
Certification File No.:	00703	Cert. Date:		Cert. No.: 00043
Linearity File No.:	00695	Lin. Date:	03/19/2021	Lin. No.: 00032
Solution File No.:	00700	Soln. Date:		Soln. No.: 00206
Sequential File No.:	00703	File Date:	08/25/2021	50III. 140 00200
Calibrating Unit:	WET	Model No.:	: CU-34	Serial No.: DDXA S3-0065
Control Solution %:	0.100%			Expires: 10/16/2021
Solution Control Lot:	19280	e e		Bottle No.: 1332
Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:32D	, ,	21 210 (5)
Control 1 EC	0.099%	12:32D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:32D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:33D		
Control 2 EC	0.099%	12:34D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:34D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:34D		
Control 3 EC	0.099%	12:35D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:35D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:36D		
	Company Compan			

All tests within acceptable tolerance

Coordinator

Last Name: MULCH

CHRISTOPHER irst Name:

MI: C.

Signature:

Badge No.: 6806 Date:

08/25/2021

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 Al 10," 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: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 711 VERONA PO 00702 00703 00704 00700 00704	0 MKIII-C OLICE DEPT		08/25/2021	Serial No.: Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00033 00033
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 19310		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDRK S3-0012 11/04/2021 0316
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 19320		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDSC S3-0012 11/11/2021 1172
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 19360		Model No.	: CU-34		DDWF S3-0261 12/02/2021 0266
Function		Result	Time	Temperature	Comn	nent(s)
		%BAC	HH:MM	Simulator (°C)	or En	
Ambient Air Blank		0.000%	12:42D			
Control 1 EC		0.040%	12:43D	33.9°C	*** TEST P.	ASSED ***
Control 1 IR		0.038%	12:43D	33.9°C	*** TEST P.	ASSED ***
Ambient Air Blank		0.000%	12:44D			
Control 2 EC		0.040%	12:45D	33.9°C	*** TEST P.	
Control 2 IR		0.038%	12:45D	33.9°C		
Ambient Air Blank				33.9 C	*** TEST P.	ASSED ***
Control 2 EC		0.000%	12:46D			
Control 3 EC		$0.000\% \\ 0.080\%$	12:46D 12:47D	33.9°C	*** TEST P	ASSED ***
Control 3 IR		0.000% 0.080% 0.076%	12:46D 12:47D 12:47D			ASSED ***
Control 3 IR Ambient Air Blank		0.000% 0.080% 0.076% 0.000%	12:46D 12:47D 12:47D 12:48D	33.9°C	*** TEST PA	ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC		0.000% 0.080% 0.076% 0.000% 0.080%	12:46D 12:47D 12:47D 12:48D 12:49D	33.9°C 33.9°C	*** TEST PA  *** TEST PA  *** TEST PA	ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR		0.000% 0.080% 0.076% 0.000% 0.080% 0.078%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D	33.9°C	*** TEST PA	ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank		0.000% 0.080% 0.076% 0.000% 0.080% 0.078% 0.000%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D 12:50D	33.9°C 33.9°C 33.9°C 33.9°C	*** TEST PA *** TEST PA *** TEST PA *** TEST PA	ASSED *** ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC		0.000% 0.080% 0.076% 0.000% 0.080% 0.078% 0.000% 0.159%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D 12:50D 12:51D	33.9°C 33.9°C 33.9°C 33.9°C	*** TEST PA	ASSED *** ASSED *** ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR		0.000% 0.080% 0.076% 0.000% 0.080% 0.078% 0.000% 0.159% 0.154%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D 12:50D 12:51D 12:51D	33.9°C 33.9°C 33.9°C 33.9°C	*** TEST PA *** TEST PA *** TEST PA *** TEST PA	ASSED *** ASSED *** ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR Ambient Air Blank		0.000% 0.080% 0.076% 0.000% 0.080% 0.078% 0.000% 0.159% 0.154% 0.000%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D 12:50D 12:51D 12:51D 12:53D	33.9°C 33.9°C 33.9°C 33.9°C 33.9°C	*** TEST PA	ASSED *** ASSED *** ASSED *** ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR Ambient Air Blank Control 6 EC		0.000% 0.080% 0.076% 0.000% 0.080% 0.078% 0.000% 0.159% 0.154% 0.000% 0.158%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D 12:50D 12:51D 12:51D 12:53D 12:53D	33.9°C 33.9°C 33.9°C 33.9°C 33.9°C 33.9°C	*** TEST PA  *** TEST PA	ASSED *** ASSED *** ASSED *** ASSED *** ASSED *** ASSED ***
Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR Ambient Air Blank		0.000% 0.080% 0.076% 0.000% 0.080% 0.078% 0.000% 0.159% 0.154% 0.000% 0.158% 0.156%	12:46D 12:47D 12:47D 12:48D 12:49D 12:49D 12:50D 12:51D 12:51D 12:53D 12:53D	33.9°C 33.9°C 33.9°C 33.9°C 33.9°C	*** TEST PA	ASSED *** ASSED *** ASSED *** ASSED *** ASSED *** ASSED ***

All tests within acceptable tolerance.

Coordinator

Last Name: MULCH

MI: C.

Date:

Badge No.: 6806

08/25/2021

Equipment Location: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 7110 MKIII- VERONA POLICE I 00702 00703 00704 00705 00705	CDEPT. Calib. Date: Cert. Date: Lin. Date: Soln. Date: File Date:	08/25/2021 08/25/2021 08/25/2021 08/25/2021 08/25/2021	Serial No.: ARWM-0092  Calib. No.: 00043  Cert. No.: 00033  Lin. No.: 00033  Soln. No.: 00207
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 20460	Model No.:	CU-34	Serial No.: DDXA S3-0065 Expires: 10/21/2022 Bottle No.: 1204
Function	Resul		Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank Control 1 EC Control 1 IR	0.000 0.100 0.100 0.000	0% 14:00D 0% 14:00D	33.9°C 33.9°C	*** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 2 EC Control 2 IR	0.10 0.10 0.00	0% 14:02D 1% 14:02D	33.9°C 33.9°C	*** TEST PASSED ***  *** TEST PASSED ***
Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank	0.10 0.10 0.10 0.00	0% 14:03D 0% 14:03D	33.9°C 33.9°C	*** TEST PASSED *** *** TEST PASSED ***

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:

Changed By:

Last Name: MULCH

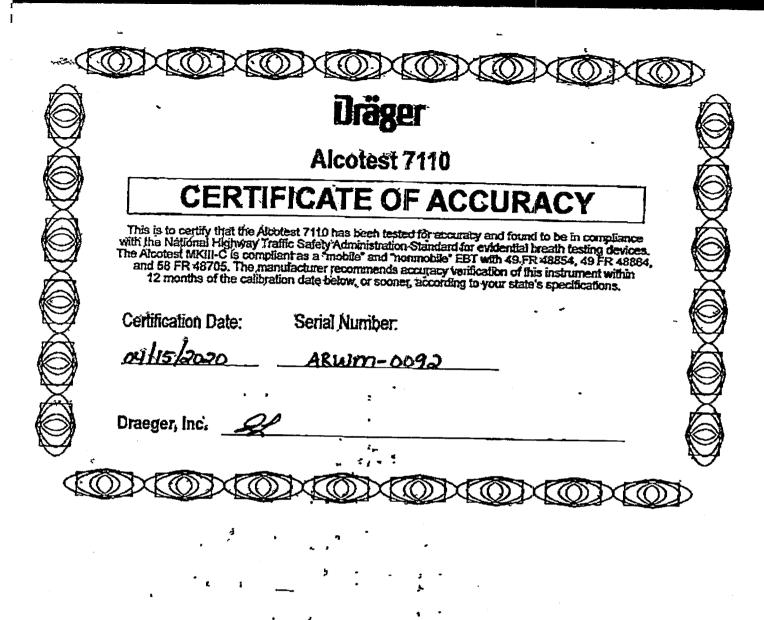
First Name: CHRISTOPHER

MI: C.

Badge No.: 6806

Date:

08/25/2021





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



Cert. No.: 4000-11236878

#### 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

S/N: 200247682

Manufacturer: Control Company

tandards/Equipment:			
Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Probe	128	06 Jun 2020	15-C2Z0T-40-1
Thermistor Module	A17118	21 May 2020	1000441638
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A73332	end that he was the wear and a	1 22
Temperature Probe	3039	06 Jun 2020	15-G2Z0T-20-1
Temperature Calibration Bath	A79341	er i komo i na komo je komo je Najvaranja komo je kom	
Temperature Calibration Bath	B16388	the state of the s	
Temperature Probe	5267	21 Feb 2021	C0220028
Temperature Calibration Bath	B93537	the state of the same of the	
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5407	19 Aug 2020	B9801028

Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 20 Apr 2020

Cal Due Date: 20 Apr 2022

Test Conditions: 59.19%RH 23.31°C 1014mBar

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	0.004	Υ	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.	25.001	25.005	Υ	24.951	25,051	0.0087	>4:1
°C	N.A.	N.À.	50,000	50.003	Y	49,95	50.05	0.0087	>4:1
°C	N.A.	N.A.	100.004	100.001	Y	99,954	100.054	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 litem 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 Tolerance; Min/Max=Acceptance Range; ± U=Expended Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Need Rodriguez

Nicol Rodriguez, Quality Manager

Marisa Elms, Technical Manager

Note:

#### Maintaining Accuracy:

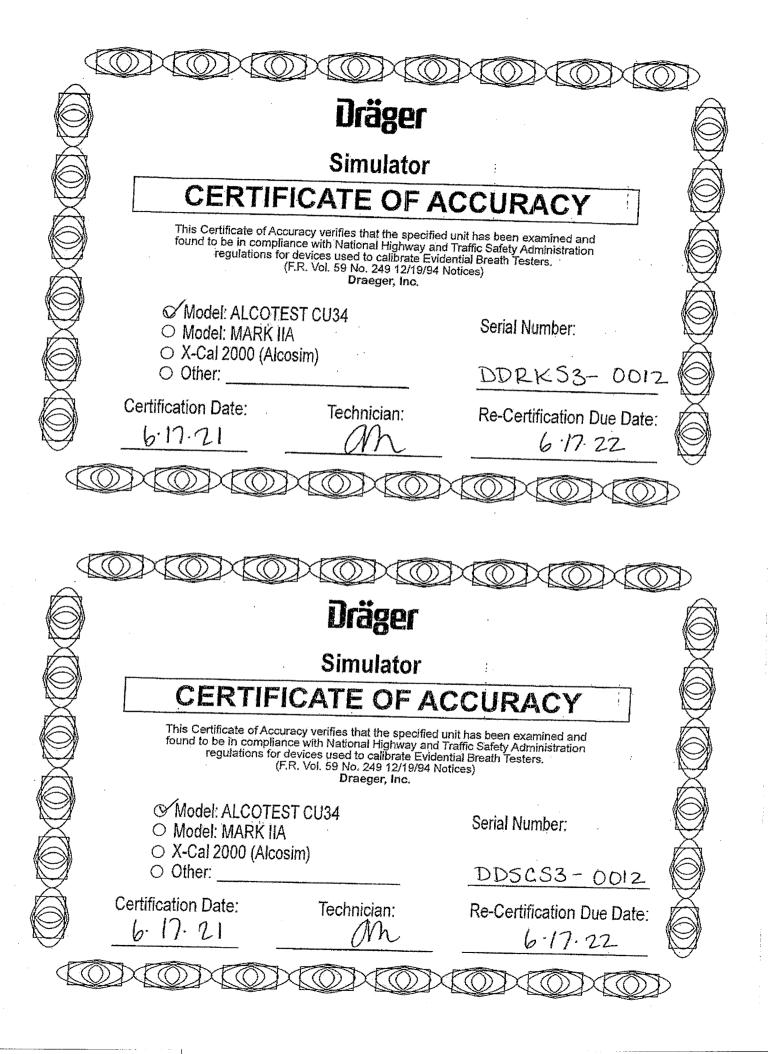
In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

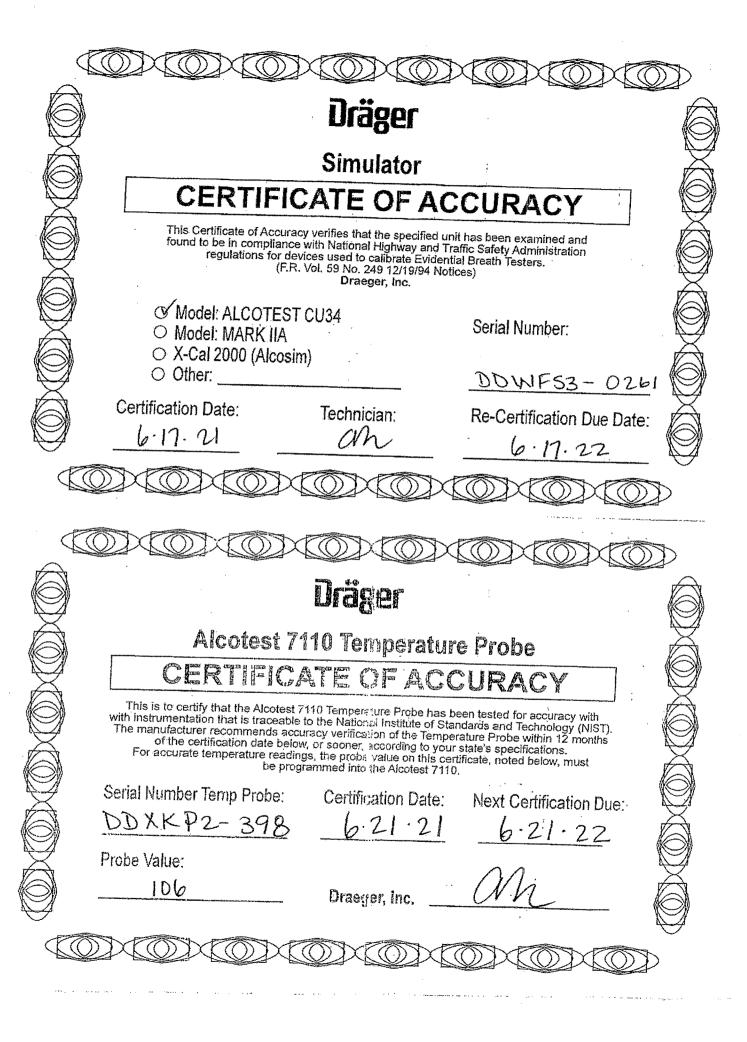
CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598 Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1759,01.

Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.

International Laboratory Accreditation Cooperation - Multitateral Recognition Arrangement (ILAC-MRA).







PHILIP D. MURPHY Gavernor

SHEILA Y. OLIVER L. 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 Safety, Inc.

ANALYSIS DATE: 10/25/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19280

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 October 16, 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

subscribed before me this <u>8</u> day of <u>(Notoken</u>, 2019.

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



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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER.

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

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 Novemble , 2019

Notary /

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



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PHILIP D. MURPHY Governor

SHEILA Y. OLIVER ld. 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 0.080 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

to and subsofibed before me this all day of November , 2019.

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



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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 0.160 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

to and subscribed before me this 18 day of Dr Com De

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



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PHILIP D. MURPHY Governor

SHEILA Y. OLIVER Lt. Governor

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: 11/02/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20460

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 0.1227 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 October 21, 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 13 day of Novembe, 2020.



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DEPARTMENT OF and Hublic Safety

Christopher C. Mulch

New Jerses State Police
Is qualified and competent to conduct chenical breath analyses acrediant to chapter lat of
the laws of form the operation of the Alcutest 7.110 MKIILC

AMETHOD TO DETERMINE INTOXICATION
DIVON UNDER MY HAND AT TRENTON, NEW JERSEY THIS ORD
TWO THORISAND AND NING

SUPERINTENDANT

DATE	Refresher Cou PLACE	44 ************
06/28/11	DERGEN CO. 1	CA M. Russ
. <del>2-1-12</del>	DAYREVIU	E Billian
1/13/15	SAYREVILL	ERA
4-15-17	DERLEY L. PA	2:(3)
5-13-19 H	LORAIS GRA	
5-17-21 H	enis C. Pa	
2938 (Rev. 07/07)		

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