Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARWM-0073 Location: BRIELLE POLICE DEPT.

Calibration File No.: 00691 Calib. Date: 07/28/2017 Calib. No.: 00024 Certification File No.: 00661 Cert. Date: 02/09/2017 Cert. No.: 00019 Linearity File No.: 00662 Lin. Date: 02/09/2017 Lin. No.: 00019 Solution File No.: 00690 Soln. Date: 07/06/2017 Soln. No.: 00142

Sequential File No.: 00691 File Date: 07/28/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0052

Control Solution %: 0.100% Expires: 09/07/2018
Solution Control Lot: 16220 Bottle No.: 0572

Coordinator

Last Name: KLIMIK First Name: DAVID MI: W

Badge No.: 7040

Bignature: TPL ID. KC # 7040

Date: 07/28/2017

*Black Key Temperature Probe Serial.....# DDUT PZ -003 (0)

*Digital NIST Temperature Measuring System Serial.....# /56649679 (ox)

Pursuant to law, and the "Ghemical 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 71:10," 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 I - Control Tests

	Part I - Control	-		ADWM-0073
Equipment Location: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.:	Alcotest 7110 MKIII-C BRIELLE POLICE DEPT. 00691 00692 00662 00690 00692	Calib. Date: Cert. Date: Lin. Date: Soln. Date: File Date:	07/28/2017 07/28/2017 02/09/2017 07/06/2017 07/28/2017	Serial No.: ARWM-0073 Calib. No.: 00024 Cert. No.: 00020 Lin. No.: 00019 Soln. No.: 00142
Sequential File No.: Calibrating Unit: Control Solution %:	WET 0.100% 16220	Model No.:	CU-34	Serial No.: DDXA S3-0052 Expires: 09/07/2018 Bottle No.: 0572
Solution Control Lot: Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank Control 1 EC	0.000% 0.099% 0.100%	08:17D 08:18D 08:18D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
Control 1 IR Ambient Air Blank Control 2 EC	0.000% 0.099% 0.100%	08:19D 08:19D 08:19D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank	0.000% 0.099% 0.100% 0.000%	08:20D 08:20D 08:20D 08:21D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
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All tests within acceptable tolerance

subject to punishment.

Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Date:

Badge No. 7040 d7/28/2017

Signature:

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, who mutilized 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

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 7110 M BRIELLE POLI 00691 00692 00693 00690 00693		Cert. Date: Lin. Date:	: 07/28/2017 07/28/2017 07/28/2017 07/06/2017 07/28/2017	Serial No.: Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00020 00020
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 16230		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDRK S3-0005 09/19/2018 0307
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 16250		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDRF S3-0009 09/27/2018 0878
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 16260		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDCN-0054 10/03/2018 1212
Function	F	Result	Time	Temperature	Com	ment(s)
	q	%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
Ambient Air Blank		0.000%	08:27D			
Control 1 EC	C	0.041%	08:27D	33.9°C	*** TEST I	ASSED ***
Control 1 IR	(0.040%	08:27D	33.9°C	*** TEST F	PASSED ***
Ambient Air Blank	C	0.000%	08:29D			
Control 2 EC	C	0.041%	00.000			
Control 2 IR		7.0-1.70	08:29D	33.9°C	*** TEST I	PASSED ***
	C	0.040%	08:29D 08:29D	33.9°C 33.9°C		PASSED *** PASSED ***
Ambient Air Blank	C).040%).000%		33.9°C	*** TEST I	PASSED ***
Ambient Air Blank Control 3 EC	C	0.040%	08:29D 08:31D 08:31D	33.9°C 34.0°C	*** TEST F	PASSED *** PASSED ***
	0).040%).000%	08:29D 08:31D 08:31D 08:31D	33.9°C	*** TEST F	PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank	() () ()).040%).000%).081%).081%).000%	08:29D 08:31D 08:31D 08:31D 08:33D	33.9°C 34.0°C 34.0°C	*** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC	() () () ()).040%).000%).081%).081%).000%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D	33.9°C 34.0°C 34.0°C 34.0°C	*** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR	((((((0.040% 0.000% 0.081% 0.081% 0.000% 0.081% 0.080%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D	33.9°C 34.0°C 34.0°C	*** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank	() () () () ()).040%).000%).081%).081%).000%).081%).080%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D 08:35D	33.9°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC	0 0 0 0 0 0	0.040% 0.000% 0.081% 0.081% 0.000% 0.081% 0.080% 0.080%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D 08:35D 08:35D	33.9°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I	PASSED *** PASSED *** PASSED *** PASSED *** PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR	0 0 0 0 0 0	0.040% 0.000% 0.081% 0.081% 0.000% 0.081% 0.080% 0.000% 0.161%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D 08:35D 08:35D 08:35D	33.9°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I	PASSED *** PASSED *** PASSED *** PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR Ambient Air Blank		0.040% 0.000% 0.081% 0.081% 0.081% 0.080% 0.080% 0.161% 0.160% 0.000%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D 08:35D 08:35D 08:35D 08:35D	33.9°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I	PASSED ***
Control 3 EC 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		0.040% 0.000% 0.081% 0.081% 0.081% 0.080% 0.080% 0.161% 0.160% 0.160%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D 08:35D 08:35D 08:35D 08:37D 08:37D	33.9°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I	PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR Ambient Air Blank		0.040% 0.000% 0.081% 0.081% 0.081% 0.080% 0.080% 0.161% 0.160% 0.000%	08:29D 08:31D 08:31D 08:31D 08:33D 08:33D 08:33D 08:35D 08:35D 08:35D 08:35D	33.9°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I	PASSED ***

All tests within acceptable tolerance.

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Last Name: KLIMIK First Name: DAVID MI: W

Calibrating Unit New Standard Solution Report

Equipment Location: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 7110 BRIELLE PO 00691 00692 00693 00694 00694			07/28/2017	Serial No.: ARWM-0073 Calib. No.: 00024 Cert. No.: 00020 Lin. No.: 00020 Soln. No.: 00143
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 17050		Model No.:	CU-34	Serial No.: DDXA S3-0052 Expires: 01/30/2019 Bottle No.: 0150
Function		Result	Time HH:MM	Temperature Simulator (°C)	Comment(s)
		%BAC	1111.141141	Difficultation (C)	or Error(s)
Ambient Air Blank		%BAC 0.000%	09:45D	Simulator (C)	or Error(s)
Ambient Air Blank Control 1 EC				34.0°C	*** TEST PASSED ***
		0.000%	09:45D		
Control 1 EC		0.000% 0.102%	09:45D 09:46D	34.0°C	*** TEST PASSED ***
Control 1 EC Control 1 IR		0.000% 0.102% 0.101%	09:45D 09:46D 09:46D	34.0°C	*** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank		0.000% 0.102% 0.101% 0.000%	09:45D 09:46D 09:46D 09:46D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		0.000% 0.102% 0.101% 0.000% 0.101%	09:45D 09:46D 09:46D 09:46D 09:47D	34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		0.000% 0.102% 0.101% 0.000% 0.101% 0.101%	09:45D 09:46D 09:46D 09:46D 09:47D 09:47D	34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.102% 0.101% 0.000% 0.101% 0.101% 0.000%	09:45D 09:46D 09:46D 09:46D 09:47D 09:47D 09:48D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** 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:	DDWJP2-228 (DK)		
Changed By: Last Name: KLIMIK	First Name: DAVID		MI: W
Signature: TM I D. KC	_ # 70y 0	Badge No.: Date:	7040 07/28/2017



Dräger

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 Safety Diagnostics, Inc.

Model: ALCOTEST® CUE O Model: MARK IIA	34	Serial Number: DDRK 53-2005
Other:	_	
Certification Date 8-17-16	Technician BC	Re-Certification Due Date 8-17-17



Dräger

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 Safety Diagnostics, Inc.

Model: ALCOTEST® CU34 O Model: MARK IIA O Other:	ı	Serial Number:
Certification Date 8-17-16	Technician	Re-Certification Due Date



Dräger

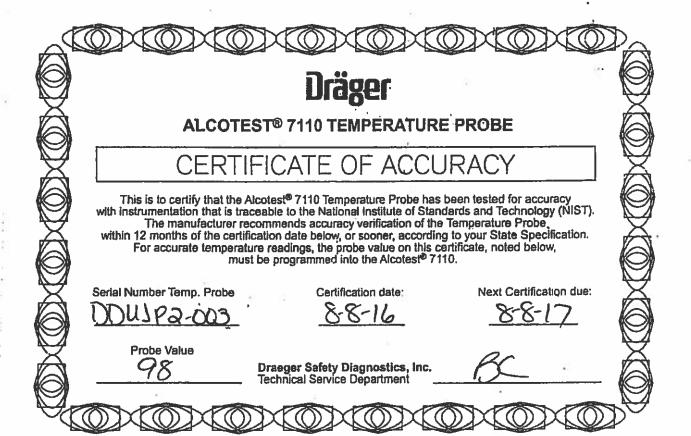
CERTIFICATE OF ACCURACY

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(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

	171	-	_	•	
Model: ALCOTEST® (O Model: MARK IIA O Other:	CU34				Serial Number: DDCN - 0054
Certification Date 8-10-16		Cechni B	cian		Re-Certification Due Date 8-/0-/7
		_	_		







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



Cert. No.: 4000-7019769

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: 150649679

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	801375		
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Catibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15A0P2S-20-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

Certificate Information:

Technician: 68 Test Conditions: Procedure: CAL-06

Cal Date: 8/31/15

Due Date: 8/31/17

23.0°C 47.0 %RH 1017 mBar Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tot	Nominal	As Left	In Tol	Min	Max	±U	TUR
*C		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
*C		N.A.		25.000	25.003	Y	24.950	25.050	0.014	3.6:1
*C		N.A.		50.004	50,000	Y	49.954	50.054	0.014	3.6:1
*C		N.A.		100.002	99.998	Y	99.952	100.052	0.014	3.6:1

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

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; Date=MM/DD/YY

Head Kodrigues Rodriguez, Quality Manager

Aaron Judice, Technical Manager

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 Thermometers 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 4455 Rex Road Friendswood, TX 77546 USA Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025/2005 Calibration Laboratory Accredited by (AZLA) American Association for Laboratory Accreditation, Certificate No. 1750 01 Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Ventas, Certificate No. CERT-01805-2006-AQ-HOU-RvA. International Laboratory Accreditation Cooperation (ILAC) - Multifateral Recognition Arrangement (MRA).

Page 1 of 1

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CHRIS CHRISTIB Governor

KIM GUADAONO

Li. Governor

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DISPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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WEST TRENTON, NJ 08628-0068
(609) 882-2000

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. PUBNIES
Superintendent

CERTIFICATION OF ANALYSIS 0.10 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: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean othyl alcohol concentration range of <u>0.1207</u> 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 <u>September 07, 2018</u>.

As Research 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.

Ali M. Alaoule, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this Drdday of Letentell 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190 NOTARY PUBLIC STATE OF NEW JERSEY My Commission Expires Dec. 24, 2018

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CHRISTOPHER S. PORRINO
Attorney General

COLONBI-JOSEPH R. FURNTES
Superintendent

KIM GUADAGNO

CHRIS CHRISTIB

Governor

CERTIFICATION OF ANALYSIS 0.04 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: Draoger Safety. Inc.

ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean othyl alcohol concentration range of <u>0.0484</u> to <u>0.0492</u> grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traccable 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 <u>September 19, 2018</u>.

As Research 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.

Ali M. Alaouic, Ph.D, Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 25th day of September, 2016.

MARY ELIZABETH MCLAUGHLIN

ID # 2052190 NOTARY PUBLIC STATE OF NEW JERSEY My Commission Expires Dec. 24, 2018

AJA.)

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CHRIS CHRISTIE

KIM GUADAGNO

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CHRISTOPHER S. PORRINO

Attorney General

COLONEL JOSEPH R. FUENTES
Superhitendent

CERTIFICATION OF ANALYSIS 0.08 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: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 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 <u>September 27, 2018</u>.

As Research 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.

Ali.M. Alaouic, Ph.D. Research Scientist

NJSP Office of Porensic Sciences

Sworn to and subscribed before me this 5th day of Detober , 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190 NOTARY PUBLIC STATE OF NEW JERSEY My Commission Expires Dec. 24, 2018

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Lt. Governor

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CHRISTOPHER S. PORRINO Attorney General

COLONEL JOSEPH R. FURNTES
Superintendent

CERTIFICATION OF ANALYSIS 0.16 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 Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean othyl alcohol concentration range of <u>0.1928</u> to <u>0.1928</u> 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 3, 2018.

As Research 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.

Ali M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 17 day of October, 2016

Notary

JOHN R LEAVER

10 # 2207138

NOTARY PUBLIC

STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017



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

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
SuperIntendent

KIM GUADAGNO

Lt. Governor

CHRIS CHRISTIE

Governor

CERTIFICATION OF ANALYSIS 0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

(609) 882-2000

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: 02/13/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17050

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1213 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 30, 2019.

As Research 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.

Ali M. Alaouic, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this Hereday of Telephology, 2017

** V (C)

MARY ELIZABETH MCLAUGHLIN

ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires 2018

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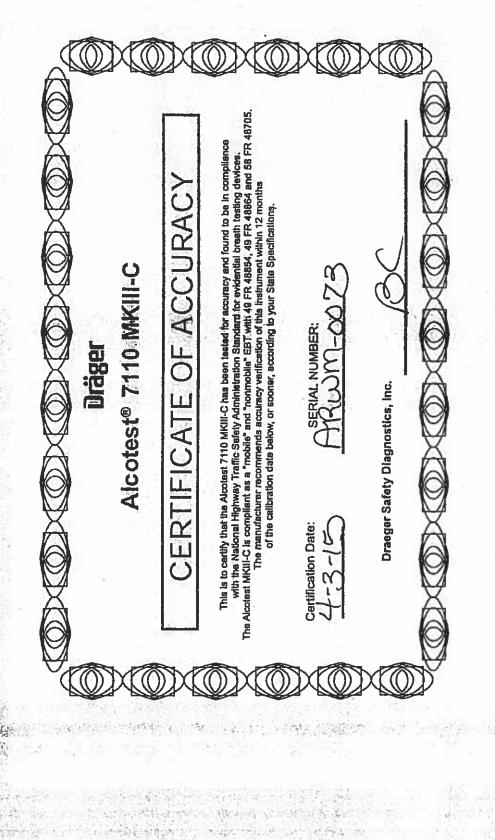


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DEPARTMENT OF HILLITIC SUITE DAVID W. Kliinik New Jersey State Police	
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Dräger

CERTIFICATE OF ACCURAC

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 Safety Diagnostics, Inc.

Model: ALCOTEST® Model: MARK IIA Other:	CU34	Serial Number: DDXAS3 - 0052
Certification Date	Technician	Re-Certification Due Date

5-24-17

Technician

Re-Certification Due Date

5-24-18

