Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARWJ-0018 Location: SEASIDE HEIGHTS POLICE Calibration File No.: 01348 Calib. Date: 10/28/2016 Calib. No.: 00032 Certification File No.: 01344 Cert. Date: 08/23/2016 Cert. No.: 00022 Linearity File No.: 01345 Lin. Date: 08/23/2016 Lin. No.: 00022 Solution File No.: 01347 Soln. Date: 10/12/2016 Soln. No.: 00238 Sequential File No.: 01348 File Date: 10/28/2016 Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0440 Control Solution %: 0.100% **Expires:** 09/07/2018 Solution Control Lot: 16220 Bottle No.: 0579 Coordinator Last Name: ALCOTT First Name: KEVIN Badge No.: 6704

MI: W.

10/28/2016

*Black Key Temperature Probe Serial.....#

Date:

*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 Location:	Alcotest 7110 SEASIDE HEI		CE		Serial No.:	ARWJ-0018
Calibration File No.:	01348	OIIISIOLI		10/28/2016	Colib No .	00022
Certification File No.:					Calib. No.:	
			Cert. Date:	10/28/2016	Cert. No.:	
Linearity File No.:	01345		Lin. Date:	08/23/2016	Lin. No.:	00022
Solution File No.:	01347			10/12/2016	Soln. No.:	00238
Sequential File No.:	01349		File Date:	10/28/2016		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDWL S3-0440
Control Solution %:	0.100%				Expires:	09/07/2018
Solution Control Lot:	16220				Bottle No.:	
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
Ambient Air Blank		0.000%	08:30D			
Control 1 EC		0.099%	08:31D	34.0°C	*** TEST I	ASSED ***
Control 1 IR		0.099%	08:31D	34.0°C	*** TEST I	ASSED ***
Ambient Air Blank		0.000%	08:31D			
Control 2 EC		0.099%	08:32D	34.0°C	*** TEST I	ASSED ***
Control 2 IR		0.098%	08:32D	34.0°C	*** TEST I	ASSED ***
Ambient Air Blank		0.000%	08:33D			
Control 3 EC		0.098%	08:33D	34.0°C	*** TEST I	ASSED ***
Control 3 IR		0.098%	08:33D	34.0°C		ASSED ***
Ambient Air Blank		0.000%	08:34D		12311	

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature:

W. c

6704

Badge No.: 6704

Date: 10

10/28/2016

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 Location:	Alcotest 7110 I SEASIDE HEI		CE		Serial No.:	ARWJ-0018
Calibration File No.:	01348		Calib. Date:	10/28/2016	Calib. No.:	00032
Certification File No.:	01349		Cert. Date:	10/28/2016	Cert. No.:	00023
Linearity File No.:	01350		Lin. Date:	10/28/2016	Lin. No.:	00023
Solution File No.:	01347		Soln. Date:	10/12/2016	Soln. No.:	00238
Sequential File No.:	01350		File Date:	10/28/2016		
Calibrating Unit:	WET		Model No.:	CU-34		DDWE \$3-0206
Control Solution %:	0.040%				Expires:	09/19/2018
Solution Control Lot:	16230				Bottle No.:	1276
Calibrating Unit:	WET		Model No.:	CU-34		DDWF S3-0218
Control Solution %:	0.080%				Expires:	09/27/2018
Solution Control Lot:	16250				Bottle No.:	0615
Calibrating Unit:	WET		Model No.:	CU-34		DDWJ S3-0334
Control Solution %:	0.160%				Expires:	10/03/2018
Solution Control Lot:	16260				Bottle No.:	1161
Function		Result	Time	Temperature		ment(s)
		%BAC	HH:MM	Simulator (°C)	or E	ror(s)
Ambient Air Blank		0.000%	08:50D			
Control 1 EC		0.040%	08:51D	34.0°C	*** TEST]	PASSED ***
Control 1 IR		0.039%	08:51D	34.0°C	*** TEST]	PASSED ***
Ambient Air Blank		0.000%	08:52D			
Control 2 EC		0.040%	08:53D	34.1°C		PASSED ***
Control 2 IR		0.039%	08:53D	34.1°C	*** TEST]	PASSED ***
Ambient Air Blank		0.000%	08:54D			
Control 3 EC		0.079%	08:55D	34.0°C		PASSED ***
Control 3 IR		0.078%	08:55D	34.0°C	*** TEST]	PASSED ***
Ambient Air Blank		0.000%	08:57D			
Control 4 EC		0.079%	08:57D	34.0°C		PASSED ***
Control 4 IR		0.078%	08:57D	34.0°C	*** TEST]	PASSED ***
Ambient Air Blank		0.000%	08:59D			
Control 5 EC		0.158%	08:59D	34.0°C		PASSED ***
Control 5 IR		0.158%	08:59D	34.0°C	*** TEST I	PASSED ***
Ambient Air Blank		0.000%	09:01D			
Control 6 EC		0.158%	09:02D	34.0°C		PASSED ***
Control 6 IR		0.157%	09:02D	34.0°C	*** TEST]	PASSED ***
Ambient Air Blank		0.000%	09:03D			

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT First Name: KEVIN MI: W.

Badge No.: 6704 Signature: TPT I W. 4 Date: 10/28/2016

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 N				Serial No.: ARWJ-0018
Location:	SEASIDE HEI	GHTS POLIC	CE		
Calibration File No.:	01348		Calib. Date:	10/28/2016	Calib. No.: 00032
Certification File No.:	01349		Cert. Date:	10/28/2016	Cert. No.: 00023
Linearity File No.:	01350		Lin. Date:	10/28/2016	Lin. No.: 00023
Solution File No.:	01351		Soln. Date:	10/28/2016	Soln. No.: 00239
Sequential File No.:	01351		File Date:	10/28/2016	
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.: DDWL S3-0440
Control Solution %:	0.100%				Expires: 05/17/2018
Solution Control Lot:	201605D				Bottle No.: 0241
Function		Result	Time	Temperature	Comment(s)
Function		Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Function Ambient Air Blank					
		%BAC	HH:MM 10:12D		
Ambient Air Blank		%BAC 0.000%	HH:MM 10:12D	Simulator (°C)	or Error(s)
Ambient Air Blank Control 1 EC		%BAC 0.000% 0.101%	HH:MM 10:12D 10:13D	Simulator (°C) 34.0°C	or Error(s) *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR		%BAC 0.000% 0.101% 0.100%	HH:MM 10:12D 10:13D 10:13D 10:13D	Simulator (°C) 34.0°C	or Error(s) *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank		%BAC 0.000% 0.101% 0.100% 0.000%	HH:MM 10:12D 10:13D 10:13D 10:13D	Simulator (°C) 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		%BAC 0.000% 0.101% 0.100% 0.000% 0.100%	HH:MM 10:12D 10:13D 10:13D 10:13D 10:14D	Simulator (°C) 34.0°C 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		%BAC 0.000% 0.101% 0.100% 0.000% 0.100% 0.101%	HH:MM 10:12D 10:13D 10:13D 10:13D 10:14D 10:14D 10:15D	Simulator (°C) 34.0°C 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		%BAC 0.000% 0.101% 0.100% 0.000% 0.100% 0.101% 0.000% 0.100%	HH:MM 10:12D 10:13D 10:13D 10:13D 10:14D 10:14D 10:15D	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC		%BAC 0.000% 0.101% 0.100% 0.000% 0.100% 0.101% 0.000% 0.100%	HH:MM 10:12D 10:13D 10:13D 10:13D 10:14D 10:14D 10:15D 10:15D	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	or Error(s) *** 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:	DAWJP2 - 063 (M)	
Changed By:		
Last Name: ALCOTT	First Name: KEVIN	MI: W.
	Radge N	0 : 6704

Signature: 101. I M. A #6704

Date: 10/28/2016



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.

3	Model: ALCOTEST	CU34		
	Model; MARK IIA		Serial Nu	
	Other:		DONSE 53	o-olok

Certification Date

09-29-16

Technician

Re-Certification Due Date

09-29-14



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.

(DE IVI	lodel: ALCOTEST ⁶	Ci34	
	fodel: MARK IIA		Serial Number:
O 01			DDWF53-02/8
Mayor Ton	THE RESERVE THE PROPERTY OF TH		

7-28-16

o de la constante de la consta

Technician 72

Re-Certification Due Date 9-28-17



Dräger

Serial Number:

Re-Certification Due Date

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.

Technician

Model: ALCOTEST® CU34

O Model: MARK IIA

Certification Date

Other:

(venuen	09-27-16	- ff	09-27-17
	CONTERNA (20 IN COUNTE DE PRESENTAR E LA MERITA DE LA RECUERTA DE REPUBBLICA PRESENTAR DE LA CONTERNA DE LA CO	United States of the States of	
		Dräger	
)	ALCOTE	ST® 7110 TEMPERATUR	E PROBE
	CERTI	FICATE OF ACC	JRACY
	within 12 months of the certif	Alcotest® 7110 Temperature Probe ha aceable to the National Institute of Sta accumends accuracy verification of the ficulation date below, or sooner, according ture readings, the probe value on this st be programmed into the Alcotest® 7	ne temperature Probe ng to your State Specification. certificate noted below
	Serial Number Temp. Probe	Certification date: 9-27-16	Next Certification due: 9-27-17
)	Probe Value	Draeger Safety Diagnostics, Inc. Technical Service Department	22





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



Calibration Cert. No.: 4000-7019762

Certificate No. 1750.01

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bidg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087 Instrument Identification:

Model: 61220-601

S/N: 150649672

Manufacturer: Control Company

Standards/Equipment:

<u>Description</u> Temperature Calibration Bath TC-256	Serial Number B01375	<u>Due Date</u>	NIST Traceable Reference
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Calibration 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

Procedure: CAL-06

Cal Date: 8/31/15

Due Date: 8/31/17

Test Conditions:

23.0°C

47.0 %RH 1017 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	in Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.000	Υ	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.000	25.003	Υ	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	99.999	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 equivalent in 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; Acouracy=±(Max=Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) - Tolerance; Date=MM/DD/YY

Micel Rodriguez, Quality Manager

Aaron Judice, Technical Manager

Maintaining Accuracy:

In our opinion once cationated 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 (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.

Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Verilas, Certificate No. CERT-01805-2008-AQ-HOU-RvA.

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

Page 1 of 1

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CHRIS CHRISTES Governor

KIM GUADAGNO LL 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

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES Superfutendent

CERTIFICATION OF ANALYSIS 0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Billy alcohol concentration within, but not exceeding, the range of 0,2174 to 0,1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 09/19/2016

BREATE 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 ethyl alcohol concentration range of 0.1202 to 0.1207 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 Contificate of Analysis were performed at the Office of Porensic 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 Dryday of Laten el, 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

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

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(609) 882-2000

CHRISTOPHER S. PORRINO Anormop General

COLONGL JOSEPH R. FLIENTES Superintendent

KIM GUADAGNO

CHRIS CHRISTIB

Coversion

CERTIFICATION OF ANALYSIS 0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Bthyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Dragger Safety, luca

ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

Representative samples of the above-referenced Let Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 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.I.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. Alzouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before no this 25th day of September, 2016.

Märy'elizabeth mclaughlin

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

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VEST TRENION, NJ 08628-0068
(609) 882-2000

CHRISTOPHER S. PORRINO Attorney Ceneral

COLONEL JOSEPH R. PUENTES
Superlatendent

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: Dragger Safety, Inc.

ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16259

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 should simulate 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. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

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

Notary

MARY ELIZABETH MCLAUGHLIN

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

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(609) 882-2000

CHRISTOPHER S. PORRINO Attorney General

COLONGI, JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS 13.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Buyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draoger Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATE 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 ethyl alcohol concentration range of 0.1928 to 0.1964 grams per 100 milliliters of solution.

This lot of breath alcohol shoulator 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 13 day of October ,2016

Notary JOHN A LEAVEL

NOTARY PUBLIC STATE OF NEW JERSEY My Comanisakin Expires Dec. 14, 2017

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CHRIS CHRISTIE

Governor

KIM GUADAGNO

LI. Governor

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DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

ROBERT T. LOUGY

Acting Attorney General

COLONEL JOSEPH R. FUENTES
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: 06/07/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 201605D

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 0.1232 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 May 17, 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 & day of \(\sqrt{\lambda}\)

MARY ÉLIZABETH MÈLAHGHUN

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

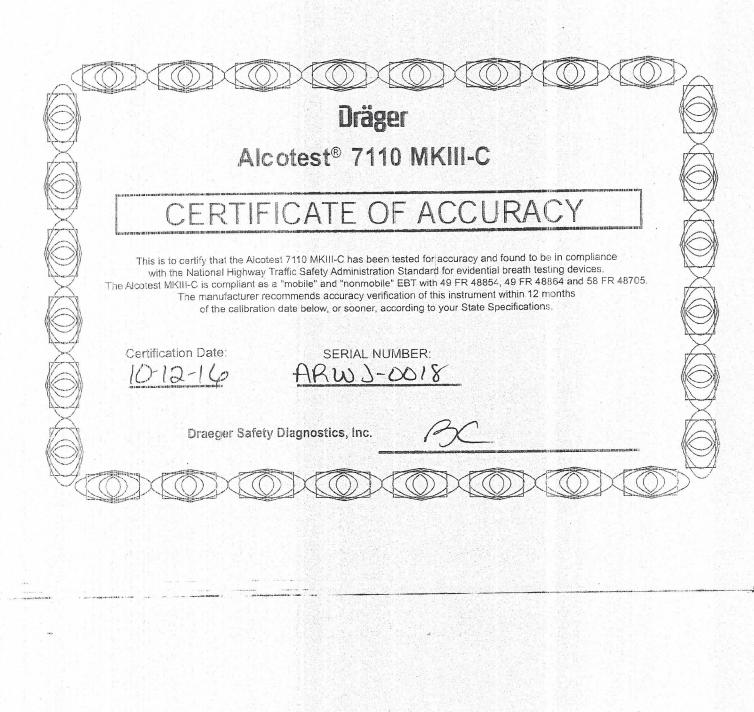
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FICATE OF ACCURA

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)

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Model: ALCOTEST® (Model: MARK IIA Other:	CÙ34	Serial Number:
Certification Date	Technician	Re-Certification Due Date
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