Alcotest 7110 Calibration Record

Alcotest 7110 MKIII-C **Equipment**

Serial No.: ARXA-0069

Calib. No.: 00025

Cert. No.: 00016

Soln. No.: 00121

Lin. No.:

Location:

MARLBORO TWP. POLICE

Calibration File No.: Certification File No.: 00513

Linearity File No.:

00543

00515

00537 Solution File No.: Sequential File No.: 00543 Calib. Date: 03/23/2015 Cert. Date: 10/09/2014

Lin, Date: 10/09/2014 Soln. Date: 03/05/2015

File Date: 03/23/2015

Model No.: CU-34

Serial No.: DDXC S3-0164

00020

Expires: 09/23/2015 Bottle No.: 1063

Calibrating Unit: Control Solution %:

0.100%

Solution Control Lot:

13I123

WET

Coordinator

Signature:

Last Name: DENNIS

First Name: MARC

Badge No.: 5925

Date:

03/23/2015

MAR 24 505

MI: W.

*Black Key Temperature Probe Serial....#_ DDXK 92-376

*Digital NIST Temperature Measuring System Serial.....# 130 754 749



Pursuant to law, and the "Chemical Breath Testing Regulations," N.J.A.G. 13:51, I am a duly Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A. Gr 13:51, I am a duly appointed Breath Test Coordinator Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest TILO," as established by the Chief Forensic Scientist of the Division of State Police, Tperform 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. Bursuant 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 control Tests and Part II. I be early Tests. I certify that the foregoing statements made by me 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.: ARXA-0069 Location: MARLBORO TWP. POLICE

Calib. No.: 00025 Calib. Date: 03/23/2015 00543 Calibration File No.: Cert. Date: 03/23/2015 Cert. No.: 00017 Certification File No.: 00544 Lin. No.: 00020 Linearity File No.: 00515 Lin. Date: 10/09/2014 Soln. No.: 00121 Soln. Date: 03/05/2015 00537 Solution File No.:

Sequential File No.: 00544 File Date: 03/23/2015

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0164

Control Solution %: 0.100% Expires: 09/23/2015
Solution Control Lot: 13I123 Bottle No.: 1063

Temperature Comment(s) Time Result Function Simulator (°C) or Error(s) %BAC HH:MM 15:40 Ambient Air Blank 0.000% 14:40S *** TEST PASSED *** 0.100% 14:40S 34.0°C Control 1 EC 14:40S 34.0°C *** TEST PASSED *** 0.099% Control 1 IR

0.000% 14:41S Ambient Air Blank *** TEST PASSED *** 34.0°C 14:42S Control 2 EC 0.100% *** TEST PASSED *** 0.099% 14:42S 34.0°C Control 2 IR 14:43S Ambient Air Blank 0.000%

Control 3 EC 0.100% 14:43S 34.0°C *** TEST PASSED ***
Control 3 IR 0.100% 14:43S 34.0°C *** TEST PASSED ***

Control 3 IR 0.100% 14:43S 34.0°C *** TEST PASSED ***

Ambient Air Blank 0.000% 14:44S 15:445

All tests within acceptable tolerance [

Coordinator

Last Name: DENNIS

Signature:

First Name: MARC

Badge No.:

MI: W.

auge 110.. 3723/2015

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Institutor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7/10" 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. Eursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7/10," 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 - Lineauty Tests. 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 MARLBORO		CE		Serial No.: ARXA-0069
Calibration File No.:	00543		Calib. Date	: 03/23/2015	Calib. No.: 00025
Certification File No.:	00544		Cert. Date:	03/23/2015	Cert. No.: 00017
Linearity File No.:	00545		Lin. Date:	03/23/2015	Lin. No.: 00021
Solution File No.:	00537		Soln. Date:	03/05/2015	Soln. No.: 00121
Sequential File No.:	00545		File Date:	03/23/2015	
Calibrating Unit:	WET		Model No.	: CU-34	Serial No.: DDXD S3-0186
Control Solution %:	0.040%				Expires: 09/13/2015
Solution Control Lot:	13I120				Bottle No.: 0099
Calibrating Unit:	WET		Model No.	: CU-34	Serial No.: DDXD S3-0188
Control Solution %:	0.080%				Expires: 09/16/2015
Solution Control Lot:	13I121				Bottle No.: 0399
Calibrating Unit:	WET		Model No.	: CU-34	Serial No.: DDXD S3-0191
Control Solution %:	0.160%				Expires: 08/05/2016
Solution Control Lot:	14H131				Bottle No.: 0756
Function		Result	Time	Temperature	Comment(s)
		%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank		0.000%	14:55S	-15:550 60	
Control 1 EC		0.042%	14:55S	34.0°C	*** TEST PASSED ***
Control 1 IR		0.040%	14:55S	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	14:57S		the magnetic field
Control 2 EC		0.042%	14:58S	34.0°C	*** TEST PASSED ***
Control 2 IR		0.040%	14:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	14:598	2 1 2 2 2	database program p. 1. GGPPP, studels
Control 3 EC		0.081%	15:00S	34.0°C	*** TEST PASSED ***
Control 3 IR		0.078%	15:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	15:01S	2 / 22 5	deduk magam D L GGDD, deduk
Control 4 EC		0.081%	15:02S	34.0°C	*** TEST PASSED ***
Control 4 IR		0.080%	15:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	15:03S	22.025	stocks FORGER D A GGDD stocks
Control 5 EC		0.154%	15:04S	33.9°C	*** TEST PASSED ***
Control 5 IR		0.159%	15:04S	33.9°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	15:06S	22.005	students (FERGER TO A GGETTO administration
Control 6 EC		0.161%	15:06S	33.9°C	*** TEST PASSED ***
Control 6 IR		0.159%	15:06S	33.9°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	15:08S —	11:080@	

All tests within acceptable tolerance.

Coordinator

First Name: MARC Last Name: DENNIS MI: W.

Badge No.: 5925

Signature: ____ Date: 03/23/2015

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MI	KIII-C			Serial No.:	ARXA-0069
Location:	MARLBORO TV	VP. POLIC	E			•
Calibration File No.:	00543		Calib. Date:	03/23/2015	Calib. No.:	00025
Certification File No.:	00544		Cert. Date:	03/23/2015	Cert. No.:	00017
Linearity File No.:	00545		Lin. Date:	03/23/2015	Lin. No.:	00021
Solution File No.:	00546		Soln. Date:	03/23/2015	Soln. No.:	00122
Sequential File No.:	00546		File Date:	03/23/2015		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDXC S3-0164
Control Solution %:	0.100%				Expires:	11/12/2015
Solution Control Lot:	13K125				Bottle No.:	1229
Function	· Ro	esult	Time	Temperature	Comn	nent(s)
	%	BAC		Simulator (°C)	or En	or(s)
Ambient Air Blank	0.	000%	16:12S	17:120 0		
Control 1 EC	0.	102%	16:13S	34.0°C	*** TEST P	ASSED ***
Control 1 IR	0.	100%	16:13S	34.0°C	*** TEST P	ASSED ***
Ambient Air Blank	0.	000%	16:14S	•		
Control 2 EC	0.	102%	16:14S	34.0°C	*** TEST P	ASSED ***
Control 2 IR	0.	101%	16:14S	34.0°C	*** TEST P	ASSED ***
Ambient Air Blank	0.	000%	16:15S			
Control 3 EC	0.	102%	16:16S	34.0°C	*** TEST P	ASSED ***
Control 3 IR	. 0.	100%	16:16S	34.0°℃	*** TEST P	ASSED ***
Ambient Air Blank	0.	000%	16:17S—— I	7:170 🐿		

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: DDUI	P2-080 C
Changed By:	
Last Name: DENNIS	st Name: MARC MI: W.
	Badge No.: 5925
Signature: SOT. 16. Suin #59	25 Date: 03/23/2015



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.

Ø Model: ALCOTEST® C	U34	COL TO BE TO THE
O Model! MARK IIA		Serial Number:
Other:		DXD53-0186
Certification Date	Technician	Re-Certification Due Date
9-22-14		9-22-15



ERTIFICATE OF ACCURAC

This Certificate of Accuracy venties 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 callbrate Evidential Breath Testers. (F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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Certification Date



Re-Certification Due Date

1-22-15



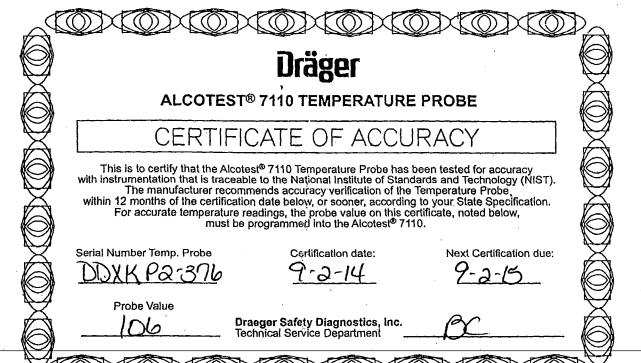
CERTIFICATE OF ACCURACY

This Certificate of Accuracy venifies 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.

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



Certificate No. 1750.01

Cert. No.: 4000-5574134

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: 130754749

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	<u>Due Date</u>	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		Estat Traceable (Cetalolica
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-848Z9-30-1
Temperature Calibration Bath TC-231	A79341		0 D-1020-30-1
Themistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-84829-1-1
Temperature Calibration Bath TC-218	A73332		14-40-1-1
Themistor Module	, A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	Ð16388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

Certificate Information:

Technician: 68

Procedure: CAL-08

Cal Date: 12/12/13

Cal Due: 12/12/15

Test Conditions:

24.0°C

33.0 %RH 1033 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	0,001	Y	-0.049	0.051	0.013	3.8:1
.c		N.A,		24,989	25.001	Y	24.949	25.049	0.023	2,2;1
' C		N.A.		50.003	50.000	Y	49.953	50.053	0.014	3.6:1
,C		N.A.		100,001	99,999	Y	99.961	100,051	0.018	2.8:1

This instrument was calibrated using instruments Traceable to National Institute of Standards and Technology.

A Trist Uncertainty Railly of at least 4:1 is maintained unless otherwise stated and is coloniated using the expended measurament uncertainty. Uncertainty evaluation includes the instrument under test and is explanated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurament" (GUM). The uncertainty represents an expanded uncortainty using a coverage fector (e2 to approximate a 95% confidence level. In tolorance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurament. The results contained herein relate only to the fem calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard > Reading; As Left=Instrument's Reading; in Tolein Tolerance; MinMax=Acceptance Range; stD=Expended Measurement Uncortainty, TUR=Test Uncortainty Relia; Accuracy=±(Max-Min)/2; Min = A3 Left Nominal(Rounded) - Tolerance; Max = A3 Left Nominal(Rounded) + Tolerance; Dele-MM/DDYY

Micol Rodriguez, Quality Manager

Asyon Judice. Technical Monagor

Maintaining Accuracy:

in our opinion once calibrated your Digital Thermometer should maintain its occuracy, 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 Blandards and Technology contact Control Company.

CONTROL COMPANY 4455 Rox 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 (DNN) Det Norska Verties, Cartificate No. CERT-01805-2006-AQ-HOU-RWA International Laboratory Accreditation Cooperation (ILAC) - Mutiliateral Recognition Arrangement (MRA).

Page 1 of 1

Treceable is a registered trademark of Control Company

O 2009 Control Company



State of New Jersey Office of the Attorney General

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

JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

CHRIS CHRISTIE

Governor

KIM GUADAGNO

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: 10/24/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131123

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1186 to 0.1192 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 23, 2015</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

Sworn to and subscribed before me this

_day of Octuber

2013

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Linete L. Desagnite Natariy Public, New Jerhay My Commission Begine 6-17-14



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State of New Jersey Office of the Attorney General

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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WEST TRENTON, NJ 08628-0068 (609) 882-2000 JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH'R. FUENTES
Superintendent

KIM GUADAGNO Lt. Governor

CHRIS CHRISTIE

Governor

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: <u>Draeger Safety</u>, Inc.

ANALYSIS DATE: 10/25/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131120

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 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 September 13, 2015.

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

day of

9c tales 20

Notary

Linds L Decertic Hetery Public, New Javany My Commission Espine 9-17-14



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State of New Jersey

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KIM GUADAGNO

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(609) 882-2000

JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

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: <u>Draeger Safety</u>, Inc.

ANALYSIS DATE: 10/31/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131121

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of <u>0.0959</u> to <u>0.0971</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 16, 2015</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

Sworn to and subscribed before me this 15t day of Molecular 2013.

Notary

MARY ELIZABETH MCLAUGHLIN NOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPIRES 12-24-2013



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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE

POST OFFICE BOX 7068

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Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE

Governor

KIM GUADAGNO

LI, Governor

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: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of <u>0.1925</u> to <u>0.1944</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>August 5, 2016</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

Sworn to and subscribed before me this 1976 day of _

MARY ELIZABETH MCLAUGHLIN

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

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HONOR STATE POLICE



State of Meta Jersey Office of the Attorney General

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

JOHN J. HOFFMAN

Acting Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

CHR.IS CHRISTIE

KIM GULDAGNO

Le. Guernor

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: 12/09/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13K125

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1222 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is November 12, 2015.

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 20

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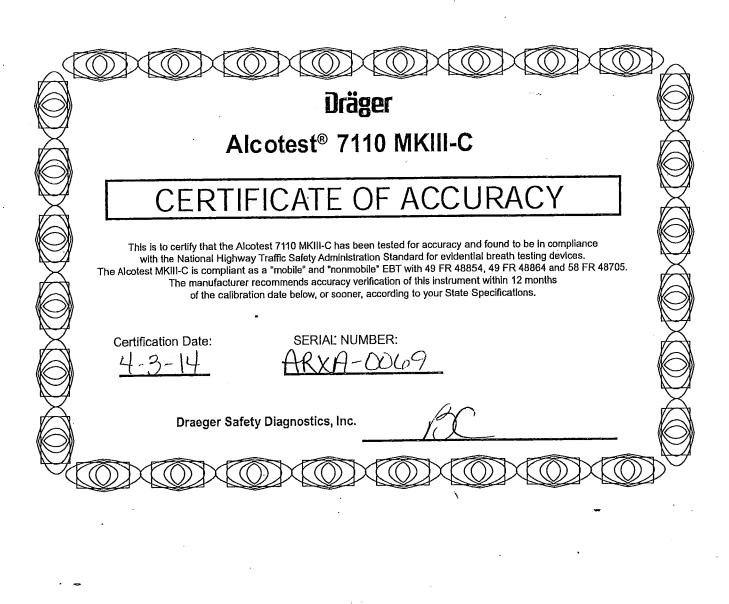
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Seriai Number:

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 call brate Evidential Breath Testers.

(F.R. Vol. 59 No. 245 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

Technician

Model: ALCOTEST® CU34

Model: MARK IIA

Certification Date

Other: _

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