ALCOTEST CERTIFICATIONS INDEX 9-15-2017

ARAJ-0075

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ITEM # 16 - ALCOTEST CARDS/SOLUTION CHANGE OPERATOR (3PGS.)

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Breath Test Coordinator/Instructor	3	
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INSTRUCTOR



State of New Jersey

CHRIS CHRISTIB
Governor

KIM GUADAGNO 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

CHRISTOPHER S. PORRINO
Alterney General

COLONEL JOSEPH R. FUBNIES
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: Dracger 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 ethyl alcohol concentration range of <u>0.1202</u> to <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 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. Algouie, Ph.D.

Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this broken of subscribed 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

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

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State of New Yersey

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

CHRISTOPHER S. PORRINO Attorney General

COLONEL JOSEPH R. FURNTES Superintendent

KIM GUADAGNO Lt. Governor

CHRIS CHRISTIE

Governor

CERTIFICATION OF ANALYSIS 0.04 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 0.0469 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 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.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 19, 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. Alsouic, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26th day of September 12016.

ELIZABETH MCLAUGHLIN

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

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State of New Jersey

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

CHRISTOPHER S. PORRINO Attorney General

COLONEL JOSEPH R. PUENTES
Superintendent

KIM GUADAGNO

CHRIS CHRISTIE

Covernor

CERTIFICATION OF ANALYSIS 0.08 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 0.0939 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 property 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 Porensic Sciences

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

Notary

MARY ELIZABETH MCLAUGHLIN

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

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State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO

OFFICE OF THE ATTORNEY GENERAL
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CHRISTOPHER S. PORRINO
Altorius General

COLONEL JOSEPH R. FUENTES 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 ethyl alcohol concentration range of <u>0.1928</u> to <u>0.1928</u> to <u>0.1964</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.

All M. Alaouie, Ph.D.

Research Scientist

NJSP Office of Porensic Sciences

Sworn to and subscribed before me this 17 day of October , 20

Notary

IO # 2207138
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017

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



Cert. No.: 4000-8609168

Certificate No. 1750.01 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: 170428368

Manufacturer Control Company

Standards/Equipment:

` • •			
<u>Description</u>	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/06/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5202	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5356	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	5357	1/06/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

Certificate Information:

Technician: 104

Procedure: CAL-06

Cal Date: 6/08/17

Due Date: 6/08/19

Test Conditions:

23.5°C

50.0 %RH 1014 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.002	0001	Y	-0.048	0.052	0 010	>4 1
°C		N.A.		25.003	25.000	Y	24.953	25.053	0.010	>4.1
°C		N.A.		50.002	50.001	Y	49.952	50.052	0.010	>4.1
°C		N.A.		100.001	99.998	Y	99.951	100.051	0.010	>4.1

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

Micol Rodriguez Nicol 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 12554 Galveston RD Suite B230 Webster TX USA 77598 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 Veritas, Certificate No. CERT-01805-2006-AQ-HOU-RvA.

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

Page 1 of 1

Traceable® is a registered trademark of Control Company

C 2009 Control Company



Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249.12/19/94 Notices)

Draeger, Inc.

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AΙ	$(\ \)$	11-51	CI334
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O Model: MARK IIA

Other:

Serial Number:

DDMKS3-0003

Certification Date:

7-27-17

Technician:

Re-Certification Due Date:

7-27-18





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.

d	/ Model: A	LCOTEST®	CÜ34
UV.	14100001.13	TOO 1700 X	000,

Model: MARK IIA

Other: ______

Serial Number:

DDRKS3-0024

Certification Date

4-26-17

Technician

72

Re-Certification Due Date

4-26-18



Dräger

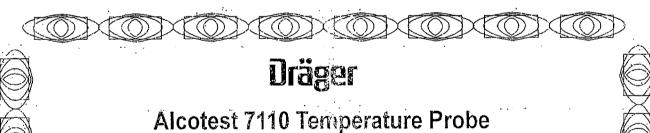
CERTIFICATE OF ACCURACY

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○ Model: MARK IIA○ Other:		Serial Number: DDWES3-0203
Certification Date	Technician	Re-Certification Due Date 3-6-18



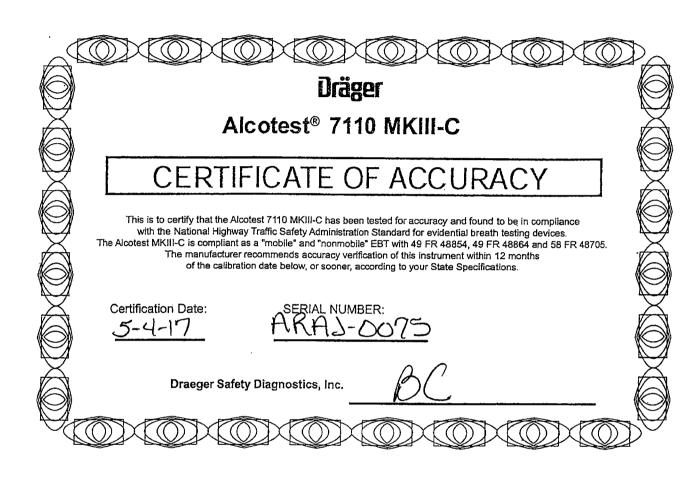
CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications.

- For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:	Certification Date:	Next Certification Due:
DDHHP2-065	9-13-19	7-13-18
Probe Value:		

Draeger, Inc.





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)

•	Safety Diagnostics	•
Model: ALCOTEST® CU34 Model: MARK IIA Other:		Serial Number DDWK53-0386
Certification Date	Technician	Re-Certification Due Date
12-15-16	YA	12.15.17



ITEM IL

Alcotest 7110 Calibration Record

05/12/2017

09/15/2017

Equipment

Alcotest 7110 MKIII-C

Calib. Date: 09/15/2017

Cert. Date: 05/12/2017

Soln. Date: 09/11/2017

Serial No.: ARAJ-0075

Calib. No.: 00029

Cert. No.: 00019

Soln. No.: 00251

Lin. No.:

Location:

TOMS RIVER P.D.

Calibration File No.:

02147

Certification File No.: 02055 02056 Linearity File No.: 02145 Solution File No.:

Sequential File No.:

Calibrating Unit:

02147

0.100% Control Solution %: Solution Control Lot: 16220

WET

Model No.: CU-34

Lin. Date:

File Date:

Serial No.: DDWK S3-0386

00019

Expires: 09/07/2018

Bottle No.: 0428

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Badge No.: 6704

Date: 09/15/2017

*Black Key Temperature Probe Serial....#

DDHHPZ-065

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

170 428 368

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 Alcorest 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. Teertify 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 MK TOMS RIVER P.I				Serial No.:	ARAJ-0075
Calibration File No.:	02147		lib. Date:	09/15/2017	Calib. No.:	00029
Certification File No .:	02148	Cei	rt. Date:	09/15/2017	Cert. No.:	00020
Linearity File No .:	02056	Lin	ı. Date:	05/12/2017	Lin. No.:	00019
Solution File No.:	02145	Sol	ln. Date:	09/11/2017	Soln. No.:	00251
Sequential File No.:	02148	File	e Date:	09/15/2017		
Calibrating Unit:	WET	Mo	odel No.:	CU-34	Serial No.:	DDWK S3-0386
Control Solution %:	0.100%				Expires:	09/07/2018
Solution Control Lot:	16220				Bottle No.:	0428
Function	Res	sult Tim		Temperature	Com	ment(s)
Function		-		Temperature Simulator (°C)	Comr or Er	
Function Ambient Air Blank	%E	ВАС НН		•		
	%E 0.0	BAC HH 000% 09:	1:MM 3 31D	Simulator (°C) 34.0°C	or Er *** TEST F	ror(s) PASSED ***
Ambient Air Blank	%E 0.0 0.0	BAC HH 000% 09:: 099% 09:	1:MM 3 31D 32D 3	Simulator (°C) 34.0°C	or Er *** TEST F	ror(s)
Ambient Air Blank Control 1 EC	%E 0.0 0.0 0.0	BAC HH 000% 09: 099% 09:	1:MM 3 31D 32D 3	Simulator (°C) 34.0°C	or Er *** TEST F	ror(s) PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR	%E 0.0 0.0 0.0 0.0	BAC HH 000% 09: 099% 09: 099% 09:	1:MM 3 31D 32D 3 32D 3 32D 3	Simulator (°C) 34.0°C 34.0°C	or Er *** TEST F *** TEST F	ror(s) PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank	%E 0.0 0.0 0.0 0.0 0.0	BAC HH 000% 09: 099% 09: 099% 09: 000% 09:	1:MM 3 31D 32D 3 32D 32D 3 32D 33D 3	Simulator (°C) 34.0°C 34.0°C 34.0°C	or Er *** TEST F *** TEST F *** TEST F	ror(s) PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC	%E 0.0 0.0 0.0 0.0 0.0	BAC HH 000% 09:1 099% 09:1 099% 09:1 000% 09:1 098% 09:1	1:MM 3 31D 32D 3 32D 32D 3 32D 33D 3	Simulator (°C) 34.0°C 34.0°C 34.0°C	or Er *** TEST F *** TEST F *** TEST F	ror(s) PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR	%E 0.0 0.0 0.0 0.0 0.0 0.0	BAC HH 000% 09: 099% 09: 099% 09: 000% 09: 098% 09: 099% 09: 000% 09:	1:MM 3 31D 32D 32D 32D 32D 33D 33D 34D	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C	or Er *** TEST F *** TEST F *** TEST F	ror(s) PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank	%E 0.0 0.0 0.0 0.0 0.0 0.0 0.0	BAC HH 000% 09: 099% 09: 099% 09: 000% 09: 098% 09: 099% 09: 000% 09: 000% 09:	1:MM 3 31D 32D 32D 32D 33D 33D 34D 34D 34D	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	or Er *** TEST F *** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED *** PASSED ***

All tests within acceptable tolerance

Coordinator

Last Name: ALCOTT

MI: W.

Signature:

First Name: KEVIN

Badge No.: 6704

Date:

09/15/2017

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 TOMS RIVER				Serial No.:	ARAJ-0075
Calibration File No.:	02147		Calib. Date:	: 09/15/2017	Calib. No.:	00029
Certification File No.:	02148		Cert. Date:	09/15/2017	Cert. No.:	00020
Linearity File No.:	02149		Lin. Date:	09/15/2017	Lin. No.:	00020
Solution File No.:	02145		Soln. Date:	09/11/2017	Soln. No.:	00251
Sequential File No.:	02149		File Date:	09/15/2017		
Calibrating Unit:	WET		Model No.:	CU-34		DDMK S3-0003
Control Solution %:	0.040%				Expires:	09/19/2018
Solution Control Lot:	16230				Bottle No.:	0147
Calibrating Unit:	WET		Model No.:	CU-34		DDWE S3-0203
Control Solution %:	0.080%				Expires:	09/27/2018
Solution Control Lot:	16250				Bottle No.:	1442
Calibrating Unit:	WET		Model No.:	CU-34		DDRK S3-0024
Control Solution %:	0.160%				Expires:	10/03/2018
Solution Control Lot:	16260				Bottle No.:	0853
Function		Result	Time	Temperature		ment(s)
		%BAC	HH:MM	Simulator (°C)	or E	ror(s)
Ambient Air Blank		0.000%	09:53D			
Control 1 EC		0.041%	09:54D	33.9°C		PASSED ***
Control 1 IR		0.040%	09:54D	33.9°C	*** TEST I	PASSED ***
Ambient Air Blank		0.000%	09:55D	22.000	delete moone a	A COTTO delete
Control 2 EC		0.041%	09:56D	33.9°C		PASSED ***
Control 2 IR Ambient Air Blank		0.040%	09:56D	33.9°C	TTT LEST I	PASSED ***
Control 3 EC		0.000% 0.081%	09:57D 09:58D	34.0°C	*** ጥሮርጥ ነ	PASSED ***
Control 3 IR		0.081%	09.58D	34.0°C		PASSED ***
Ambient Air Blank		0.000%	10:00D	34.0 C	11531	ASSED
Control 4 EC		0.081%	10:00D	34.0°C	*** TFST I	PASSED ***
Control 4 IR		0.079%	10:00D	34.0°C		PASSED ***
Ambient Air Blank		0.000%	10:02D	3	1251	TIBBLE
Control 5 EC		0.162%	10:02D	33.9°C	*** TEST 1	PASSED ***
Control 5 IR		0.160%	10:02D	33.9°C		PASSED ***
Ambient Air Blank			10:04D			
Ambient Air Blank Control 6 EC		0.000% 0.161%	10:04D 10:04D	33.9°C	*** TEST 1	PASSED ***
		0.000%		33.9°C 33.9°C		PASSED *** PASSED ***

All tests within acceptable tolerance.

Coordinator

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

Signature: 1pr. I M W. 9 #6704 Badge No.: 6704 Date: 09/15/2017

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKI			•	Serial No.:	ARAJ-0075
Location:	TOMS RIVER P.D		. 1'1. D4	00/15/0015	O.111 N	00020
Calibration File No.:	02147				Calib. No.:	
Certification File No.:	02148					00020
Linearity File No.:	02149			09/15/2017		00020
Solution File No.:	02150	Sc	oln. Date:	09/15/2017	Soln. No.:	00252
Sequential File No.:	02150	Fi	ile Date:	09/15/2017		
Calibrating Unit:	WET	М	Iodel No.:	CU-34	Serial No.:	DDWK S3-0386
Control Solution %:	0.100%				Expires:	03/20/2019
Solution Control Lot:	17110				Bottle No.:	0495
Function	Res	sult Ti	ime '	Temperature	Com	ment(s)
Function	****			Temperature Simulator (°C)		nent(s) ror(s)
Function Ambient Air Blank	%B	BAC HI		-		
	%B 0.0	BAC HI 00% 11	H:MM l:14D	-	or Er	
Ambient Air Blank	%B 0.0 0.1	BAC HI 00% 11 02% 11	H:MM l:14D l:15D	Simulator (°C)	or Er	ror(s)
Ambient Air Blank Control 1 EC	%B 0.0 0.1 0.1	BAC HI 00% 11 02% 11 00% 11	H:MM l:14D l:15D	Simulator (°C) 34.0°C	or Er	ror(s) PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR	%B 0.0 0.1 0.1 0.0	BAC HI 00% 11 02% 11 00% 11	H:MM l:14D l:15D l:15D l:15D	Simulator (°C) 34.0°C	or Er *** TEST F *** TEST F	ror(s) PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank	%B 0.0 0.1 0.1 0.0 0.1	BAC HI 00% 11 02% 11 00% 11 00% 11	H:MM l:14D l:15D l:15D l:15D l:16D	Simulator (°C) 34.0°C 34.0°C	or Er *** TEST F *** TEST F	ror(s) PASSED *** PASSED ***
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Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC	%B 0.0 0.1 0.1 0.0 0.1 0.1 0.0 0.1	BAC HI 00% 11 02% 11 00% 11 00% 11 00% 11 00% 11 00% 11 01% 11	H:MM 1:14D 1:15D 1:15D 1:15D 1:16D 1:16D 1:16D 1:17D	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	or Er *** TEST F *** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED *** PASSED *** 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.

Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: 1pr. I M U. 9 # 6704

Badge No.: 6704

Date: 09/15/2017



State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO

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

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: 03/29/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17110

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>0.1211</u> to <u>0.1231</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>March 20, 2019</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 2014 day of _

Notary

MARY ELIZABETH MCLAUGHLIN

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



"An Internationally Accredited Agency"

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This is to certify that of the	T 3 1/4
	1. 1-23-14 LAKEHURST Won you
Populd C Power	2. 4-21-16 CAKEHURST won hom
Ronald C. Bayer	3,
Toms River Township	4
is qualified and competent to conduct chemical breath analyses fursuant to chapter 142 of	4,
THE LAWS OF 1966 IN THE OPERATION OF THE A. COLEST 7.11 () MKIII-C	6,
A METHOD TO DETERMINE INTOXICATION.	
DIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS . 5th DAY OF AD THE	6.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS . 5th DAY OF April	6,
TWO THOUSAND AND TWEIVE	7
	6. 7. 8.
Joseph Henry Lord SCIL	6. 7. 8.
	6, 7. 8, 9, S.P. 2938 (Rev. 02/12)

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