ALCOTEST CERTIFICATIONS INDEX $\frac{12-14-16}{(1-6-2017 = ADDEMDUM)}$

ARAJ-0075

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ITEM#2	- CERT OF ANALYSIS SIMULATOR SOLUTION 0.10
ITEM#3	- CERT OF ANALYSIS SIMULATOR SOLUTION 0.04
ITEM#4	- CERT OF ANALYSIS SIMULATOR SOLUTION 0.08
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ITEM # 19	- ALCOTEST CARDS/SOLUTION CHANGE OPERATOR (2PGS.)

1110 MKRI-C

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ORIGINAL COUR	SE DATES	
DATE	Refresher Course PLACE	INSTRUCTOR
1		
_		
3.		
4		
5.		
7.		
_		
9.		
S.P. 2996 (Rev. 06/13)		
1 /-/6-14 4 1/21/16 5. 8.	Refuse Course Place BCPA REFLUCE (OPA SAYLAVILLE)	



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
Altorney General

COLONIL 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: Draceer 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. Alaoule, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this Dividiay of Defender 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 Nehr Jersey

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(609) 882-2000

CHRISTOPHER S. PORRINO Attorney General

COLONBL JOSEPH R. FUENTES Superintendent

Governor

Kim Guadagno

Le Governor

CHRIS CHRISTIE

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.

MANURACTURER: Dragger 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 <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 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 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 26th day of 20 port Archive. 2016.

MARY ELIZABETH MCLAUGHLIN

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

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ARAJ -0075



State of New Jersey

CHRIS CHRISTIE
Governor

KIM GUADAGNO

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CHRISTOPHER S. PORRINO Attorney General

COLONEL JOSEPH R. FUENTES
SuperIntendent

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: 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 millititers 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. Alaoule, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

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

Notary

MARY ELIZABETH MCLAUGHLIN
10 # 2052190

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

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ARA J-0075

State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

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CHRISTOPHER S. PORRINO
Attorney 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>0.1964</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.

Ali M. Alaouie, Ph.D. Research Scientist

NJSP Office of Porensic Sciences

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

Notary

JOHN A LEAVER

10 # 2207138

NOTARY PUBLIC

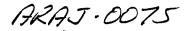
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017

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



Cert. No.: 4000-7019762

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: 150649672

Manufacturer: Control Company

Standards/Equipment:

al do Equipinent			
<u>Description</u>	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375		
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	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
,¢		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 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 Lett=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

Aeron Judice, Technical Manager

Maintaining Accuracy:

In our opinion once catibrated 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-01805-2006-AQ-HOU-RvA.

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



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® CU3 Model: MARK IIA Other:	-	Serial Number:
Certification Date	Technician	Re-Certification Due Date
	101-6	



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® C Model: MARK IIA Other:	Ù34	Serial Number: DDWFS3-0218
Certification Date 9-28-16	Technician 72	Re-Certification Due Date



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 dalibrate Evidential Breath Testers.

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

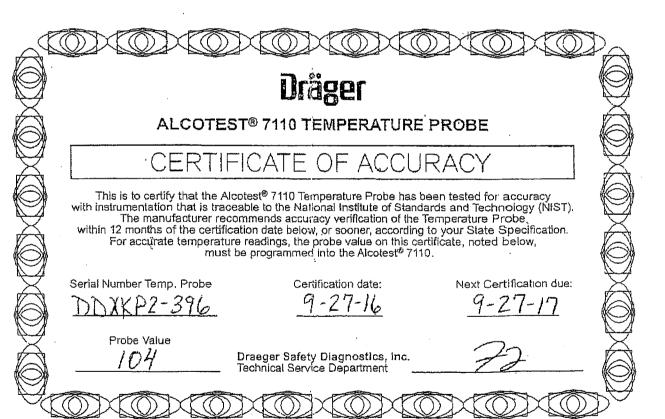
Draeger Safety Diagnostics, Inc.

Model: ALCOTEST® C Model: MARK IIA Other:	TU34	Sèrial Number:
Certification Date	Technician	Re-Certification Due Date

Technician

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ARAJ-0075



Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices.

The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705.

The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

9-30-16

SERIAL NUMBER:

Draeger Safety Diagnostics, Inc.



ARAJ-8075



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, I	,
Model: ALCOTEST® CU34 Model: MARK IIA Other:		Serial Number:
Certification Date 7-13-16	Technician	Re-Certification Due Date 7- 13-17

ITEM 12 ADDENDUM 1-6-17

-- ARAJ-0075

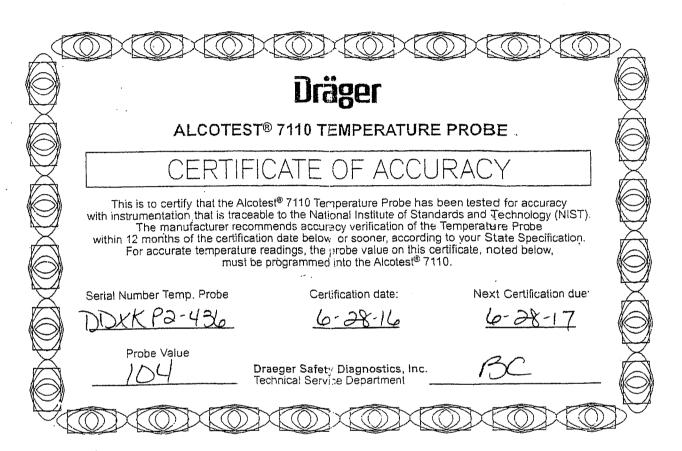


Dräger

CERTIFICATE OF ACCURAC

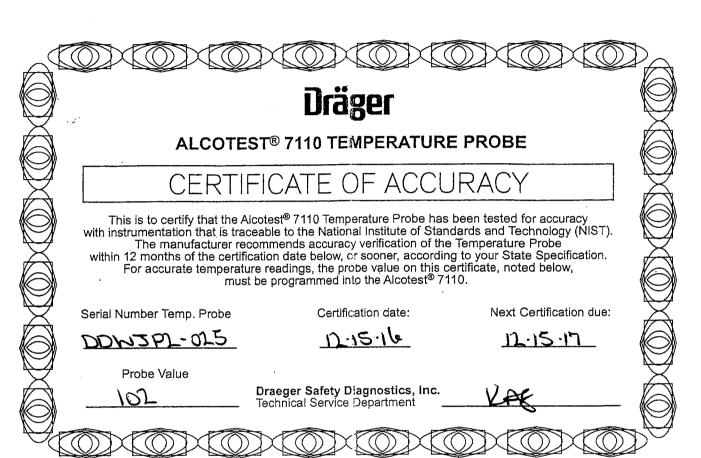
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers. (F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeg	er Safety Diagnostics	s, Inc.	1
Model: ALCOTEST® CU. Model: MARK IIA Other:	34 —	Serial Number:	_
Certification Date	Technician	Re-Certification Due Date	
12.15.16	VP&	12.15.17	
121010	- the	16/3.11	



ITEM 13. ADDENDUM 1-6-17

ARAJ-0075



14m 14 of 19

9.7-0075

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C

Location:

TOMS RIVER P.D.

Calibration File No.:

Linearity File No.:

Solution File No.:

Calibrating Unit:

Sequential File No.:

Control Solution %:

Solution Control Lot:

01985

Certification File No.: 01935 01936

01984 01985

WET

16220

0.100%

Calib. Date: 12/14/2016 Cert. Date: 10/14/2016 Lin. Date:

10/14/2016 Soln. Date: 12/11/2016 File Date:

12/14/2016

Model No.: CU-34

Serial No.: DDAN-0041 Expires: 09/07/2018

Serial No.: ARAJ-0075

00016

Calib. No.: 00024

Cert. No.: 00016

Soln. No.: 00226

Lin. No.:

Bottle No.: 0074

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

or. I /K W.

Badge No.: 6704 Date:

12/14/2016

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

MXKPZ - 396



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

150 649



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. 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.

14cm 15 of 19

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Location:	Alcotest 7110 MI TOMS RIVER P				Serial No.:	ARAJ-0075
Calibration File No.:	01985		Calib. Date:	12/14/2016	Calib. No.:	00024
Certification File No.:	01986		Cert. Date:	12/14/2016	Cert. No.:	00017
Linearity File No.:	01936		Lin. Date:	10/14/2016	Lin. No.:	00016
Solution File No.:	01984		Soln. Date:	12/11/2016	Soln. No.:	00226
Sequential File No.:	01986		File Date:	12/14/2016		
Calibrating Unit:	WET		Model No.:	CU-34	-	DDAN-0041
Control Solution %:	0.100%				Expires:	09/07/2018
Solution Control Lot:	16220				Bottle No.:	0074
Function	R	Result	Time	Temperature		ment(s)
Function		Result %BAC	Time HH:MM	Temperature Simulator (°C)		ment(s) rror(s)
Function Ambient Air Blank	97			•		
	970	%BAC	HH:MM	•	or E	rror(s) PASSED ***
Ambient Air Blank	97 0 0	%BAC .000%	HH:MM 08:44S	Simulator (°C)	or E	rror(s)
Ambient Air Blank Control 1 EC	% 0 0 0	%BAC .000% .100%	HH:MM 08:44S 08:44S	Simulator (°C) 34.0°C 34.0°C	or E; *** TEST ; *** TEST ;	rror(s) PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR	97 0 0 0 0	%BAC .000% .100% .098%	HH:MM 08:44S 08:44S 08:44S	Simulator (°C) 34.0°C	or E: *** TEST : *** TEST :	PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank	97 0 0 0 0 0	%BAC .000% .100% .098% .000%	HH:MM 08:44S 08:44S 08:44S 08:44S	Simulator (°C) 34.0°C 34.0°C	or E: *** TEST : *** TEST :	rror(s) PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC	9% 0 0 0 0 0	%BAC .000% .100% .098% .000%	HH:MM 08:44S 08:44S 08:44S 08:45S 08:46S	Simulator (°C) 34.0°C 34.0°C 34.0°C	*** TEST : *** TEST : *** TEST : *** TEST :	PASSED *** PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR	% 0 0 0 0 0 0	%BAC .000% .100% .098% .000% .098%	HH:MM 08:44S 08:44S 08:44S 08:44S 08:45S 08:46S 08:46S	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST : *** TEST : *** TEST : *** TEST : *** TEST :	PASSED *** PASSED *** PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank	% 0 0 0 0 0 0 0	%BAC .000% .100% .098% .000% .098% .098%	HH:MM 08:44S 08:44S 08:44S 08:44S 08:45S 08:46S 08:46S 08:47S	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST : *** TEST : *** TEST : *** TEST : *** TEST :	PASSED *** PASSED *** PASSED *** PASSED ***

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature

Tor. I NO

#1704

Date:

12/14/2016

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 7 II 0," 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.

1tem 16 of 19

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Location:	Alcotest 7110 TOMS RIVER				Serial No.:	ARAJ-0075
Calibration File No.: Certification File No.: Linearity File No.: Solution File No.:	01985				Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00017 00017
Sequential File No.:	01987		File Date:	12/14/2016		
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 16230		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDWE S3-0206 09/19/2018 1296
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 16250		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDWF S3-0218 09/27/2018 0624
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 16260		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDWJ S3-0334 10/03/2018 1027
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
		70DAC	1111.171171	Simulator (C)	OI EI	101(3)
Ambient Air Blank		0.000%	09:09S			
Ambient Air Blank Control 1 EC				34.1°C	*** TEST I	PASSED ***
Control 1 EC Control 1 IR		0.000%	09:09S 09:10S 09:10S		*** TEST I	
Control 1 EC		0.000% 0.042% 0.040% 0.000%	09:09S 09:10S 09:10S 09:11S	34.1°C 34.1°C	*** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		0.000% 0.042% 0.040% 0.000% 0.041%	09:09S 09:10S 09:10S 09:11S 09:12S	34.1°C 34.1°C 34.1°C	*** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		0.000% 0.042% 0.040% 0.000% 0.041% 0.040%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S	34.1°C 34.1°C	*** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.000%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S	34.1°C 34.1°C 34.1°C 34.1°C	*** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		0.000% 0.042% 0.040% 0.000% 0.041% 0.040%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082% 0.080%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S	34.1°C 34.1°C 34.1°C 34.1°C	*** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082% 0.080%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082% 0.080% 0.000%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.082% 0.082% 0.080% 0.000% 0.001%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.082% 0.082% 0.080% 0.000% 0.000%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S 09:16S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC Control 5 IR		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082% 0.080% 0.081% 0.079% 0.000%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S 09:16S 09:16S 09:16S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I	PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank Control 5 EC		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.082% 0.080% 0.080% 0.081% 0.079% 0.000% 0.161%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S 09:16S 09:16S 09:16S 09:18S 09:19S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I *** TEST I	PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank 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		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.082% 0.080% 0.080% 0.000% 0.081% 0.079% 0.000% 0.161% 0.159%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S 09:16S 09:16S 09:16S 09:18S 09:19S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I	PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank 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		0.000% 0.042% 0.040% 0.000% 0.041% 0.040% 0.082% 0.080% 0.080% 0.000% 0.081% 0.079% 0.000% 0.161% 0.159% 0.000%	09:09S 09:10S 09:10S 09:11S 09:12S 09:12S 09:14S 09:14S 09:14S 09:16S 09:16S 09:16S 09:16S 09:18S 09:19S 09:19S	34.1°C 34.1°C 34.1°C 34.1°C 34.0°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.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature:

Tpr. I N W. 9 #6704

Badge No.: 6704

Date:

12/14/2016

14cm 17 of 19

Calibrating Unit

BRAJ-0075 Sol #227

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.: ARAJ-0075
Location:	TOMS RIVER P.D.			
Calibration File No.:	01985	Calib. Date:	: 12/14/2016	Calib. No.: 00024
Certification File No.:	01986	Cert. Date:	12/14/2016	Cert. No.: 00017
Linearity File No.:	01987	Lin. Date:	12/14/2016	Lin. No.: 00017
Solution File No.:	01988	Soln. Date:	12/14/2016	Soln. No.: 00227
Sequential File No.:	01988	File Date:	12/14/2016	
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.: DDAN-0041
Control Solution %:	0.100%			Expires: 06/07/2018
Solution Control Lot:	16140			Bottle No.: 1384
Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:32S		
Control 1 EC	0.100%	10:33S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:34S		
Control 2 EC	0.099%	10:34S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:34S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:35S		
Control 3 EC	0.099%	10:36S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	10:36S	34.0°C	*** 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:	WXK PZ-436	(KA)	
Changed By:			
Last Name: ALCOTT	First Name: KEVIN		MI: W
		D - 4 NI-	- 6704

Date:

12/14/2016

ITEM 17 ADDENDUM 1-6-17

Calibrating Unit

ARAJ-0075

New Standard Solution Report

Equipment Location: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 7110 MKIII-C TOMS RIVER P.D. 01985 01986 01987 02004 02004	Calib. Date: 12/14/2016 Cert. Date: 12/14/2016 Lin. Date: 12/14/2016 Soln. Date: 01/06/2017 File Date: 01/06/2017	Serial No.: ARAJ-0075 Calib. No.: 00024 Cert. No.: 00017 Lin. No.: 00017 Soln. No.: 00230	SOL#230 1-6-17
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 16140	Model No.: CU-34	Serial No.: DDWK S3-038 Expires: 06/07/2018 Bottle No.: 1470	36
Function	Result %BAC	Time Temperature HH:MM Simulator (°C	Comment(s) or Error(s)	
Ambient Air Blank	0.000%	13:09S	*** TECT D \ CCED ***	
Control 1 EC	0.100%	13:10S 34.0°C	*** TEST PASSED ***	•
Control 1 IR	0.101%	13:10S 34.0°C	*** TEST PASSED ***	
Ambient Air Blank	0.000%	13:11S	white modern to a composition	
Control 2 EC	0.099%	13:11S 34.0°C	*** TEST PASSED ***	
Control 2 IR	0.101%	13:11S 34.0°C	*** TEST PASSED ***	
Ambient Air Blank	0.000%	13:12S	Little manage in A game statute	
Control 3 EC	0.100%	13:12S 34.0°C	*** TEST PASSED ***	

34.0°C

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.

13:12S

13:13S

Temperature Probe Serial Number:	DDUJPZ-	025(KA
i emperature i 100e beriai riamber.			_

0.101%

0.000%

Changed By:

Control 3 IR

Ambient Air Blank

Last Name: ALCOTT

First Name: KEVIN

MI: W.

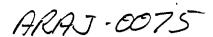
Signature: TF. I M W. 9 #6704

Badge No.: 6704

Date: 01/06/2017

*** TEST PASSED ***

item 18 of 19





State of New Jersey

CHRIS CHRISTIE

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 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: 06/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16140

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1212 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>June 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. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Notary

MARY ELIZABETH MCLAUGHLIN

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

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New Jersey Is An Equal Opportunity Employer Printed on Recycled Paper and Recyclable



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