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ARWF-0394

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	dinator/Instructor
HI QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL	HEATE ANALYSES MURSUANT TO CHAPTER 142 OF
	Alcotest 7110 MKIII-C
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1/21/16	Refresher Course PLACE BCPA BERLEY WAR SAYLA VILLE A LUXCHUTET	



State of New Jersey

CHRIS CHRISTIE

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. FUBNTES 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 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 Rosearch 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. Aluoule, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this widay of the met. 2010

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

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

CHRISTOPHER S. PORRINO Autoring General

COLONBL JOSEPH R. FUENTES
Superintendent

Governor
KIM GUADAGNO

Lt. Governor

CHRIS CHRISTIB

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 <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. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26th day of September, 2016.

Märy elizabeth mclaughlin

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

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State of New Jersey

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CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
SuperIntendent

Kim Guadagno Li. Governor

CHRIS CHRISTIE

Governor

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: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is <u>September 27, 2018</u>.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

NISP Office of Forensic Sciences

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

Notary

MARY ELIZABETH MCLAUGHLIN
10 # 2052190

NÖTÄRŸ PÜBLIC STATE OF NEW JERGEY My Commission Expires Dcc. 24, 2018

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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
Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

CERTIFICATION OF ANALYSIS 0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Bthyl 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 0.1928 to 0.1964 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.

Afi M. Alaouie, Ph.D. Research Scientist

NJSP Office of Porensic Sciences

Sworn to and subscribed before me this 17 day of October

Notary

ID # 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

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	0.001	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, 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.

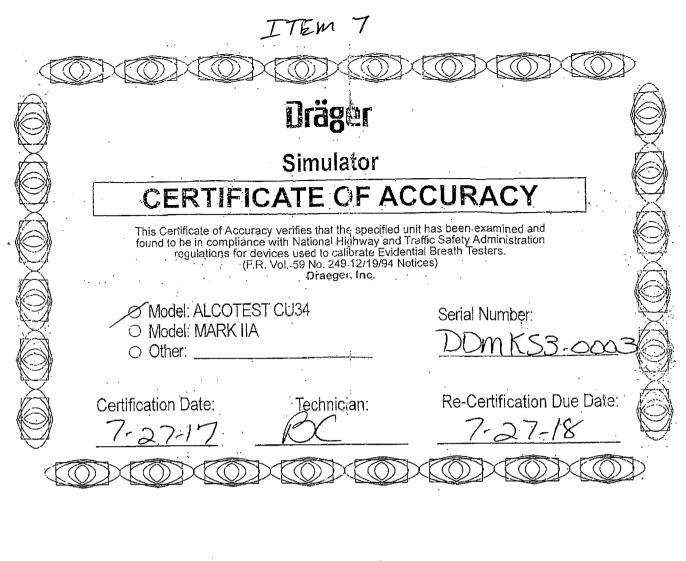
CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598 Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

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

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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.

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Model: MARK IIA

Technician

Re-Certification Due Date

Serial Number:

RKS3-0024

4-26-18

Certification Date

Other: ____



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	Serial Number:
Model: MARK IIA	Serial Number,
	DDWES3-0203
Other:	コンロがにろう ひとしつ

Certification Date

Technician

Re-Certification Due Date

72

3-6-18



Dräger

Alcotest 7110 Temperature Probe

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.

Draeger, Inc.







Dräger

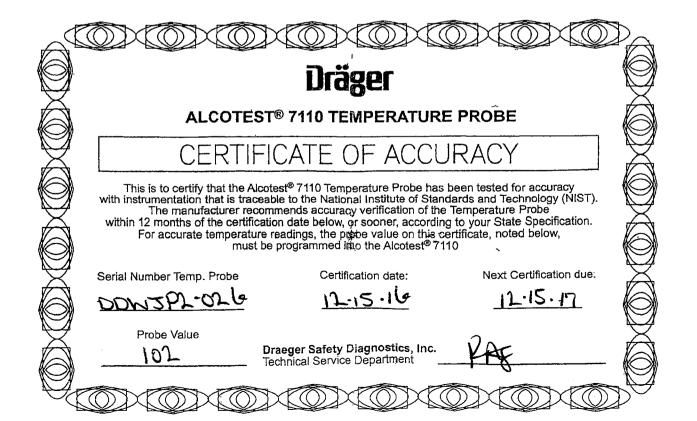
CERTIFICATE OF ACCURACY

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)

Draeger Safety Diagnostics, Inc.

Model: ALCOTEST® CU3 Model: MARK IIA Other:	4	Serial Number:
Certification Date	Technician	Re-Certification Due Date



Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Location: TOMS RIVER P.D.

Calibration File No.: 01631 Certification File No.: 01583 Linearity File No.: 01584 Solution File No.: 01624 Sequential File No.: 01631

Cert. Date: 04/18/2017 Lin. Date: 04/18/2017 Soln. Date: 08/28/2017 File Date: 09/15/2017

Calib. Date: 09/15/2017

Calib. No.: 00038 Cert. No.: 00027 Lin. No.: 00027 Soln. No.: 00246

Serial No.: ARWF-0394

Calibrating Unit:

WET Control Solution %: 0.100% Solution Control Lot: 16220

Model No.: CU-34

Serial No.: DDWK S3-0387 Expires: 09/07/2018

Bottle No.: 0441

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Badge No.: 6704

Date: 09/15/2017

DDAHPZ-065 *Black Key Temperature Probe Serial.....#

*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 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 Π - 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: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 7110 MKIII-C TOMS RIVER P.D. 01631 01632 01584 01624 01632	Calib. Date: Cert. Date: Lin. Date: Soln. Date: File Date:	09/15/2017 09/15/2017 04/18/2017 08/28/2017 09/15/2017	Serial No.: ARWF-0394 Calib. No.: 00038 Cert. No.: 00028 Lin. No.: 00027 Soln. No.: 00246
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 16220	Model No.:	CU-34	Serial No.: DDWK S3-0387 Expires: 09/07/2018 Bottle No.: 0441
Function Ambient Air Blank	Result %BAC 0.000%		Temperature Simulator (°C)	Comment(s) or Error(s)
Control 1 EC Control 1 IR Ambient Air Blank	0.099% 0.099% 0.000%		34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
Control 2 EC Control 2 IR Ambient Air Blank	0.099 <i>%</i> 0.100 <i>%</i> 0.000 <i>%</i>		34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
Control 3 EC Control 3 IR Ambient Air Blank	0.099% 0.099% 0.000%		34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature:

TOF. I N. W.

Q #1-1011

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.:	ARWF-0394
Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	01631		Calib. Date: Cert. Date: Lin. Date: Soln. Date: File Date:	09/15/2017	Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00028 00028
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 16230		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDMK S3-0003 09/19/2018 0147
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 16250		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDWE S3-0203 09/27/2018 1442
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 16260		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDRK S3-0024 10/03/2018 0853
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)		ror(s)
Ambient Air Blank		0.000%	11:49D			
Control 1 EC		0.041%	11:50D	34.0°C		PASSED ***
Control 1 IR		0.040%	11:50D	34.0°C	*** TEST I	PASSED ***
Ambient Air Blank		0.000%	11:52D			
Control 2 EC		0.040%	11:52D	34.0°C		PASSED ***
Control 2 IR Ambient Air Blank		0.040%	11:52D	34.0°C	*** TEST I	PASSED ***
Control 3 EC		0.000%	11:54D	24.000		
Control 3 IR		0.081% 0.080%	11:55D	34.0°C		PASSED ***
Ambient Air Blank		0.000%	11:55D 11:56D	34.0°C	*** TEST I	PASSED ***
Control 4 EC		0.080%	11:57D	34.0°C	*** ጥኮርጥ ኮ	ላ የርርፒፓ ላቀቀ
Control 4 IR		0.080%	11:57D 11:57D	34.0°C		PASSED *** PASSED ***
Ambient Air Blank		0.000%	11:58D	34.0 C	TEST I	ASSED THE
Control 5 EC		0.159%	11:59D	33.9°C	*** TFCT F	ASSED ***
Control 5 IR		0.160%	11:59D	33.9°C		ASSED ***
Ambient Air Blank		0.000%	12:01D	00.7	12011	110000
Control 6 EC		0.159%	12:01D	33.9°C	*** TEST P	'ASSED ***
Control 6 IR		0.159%	12:01D	33.9°C		ASSED ***
Ambient Air Blank		0.000%	12:03D			

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT First Name: KEVIN

MI: W. Badge No.: 6704

Signature: 1pr. I N W. 9 #6704

Date:

09/15/2017

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110	MKIII-C			Serial No.:	ARWF-0394
Location:	TOMS RIVER	P.D.				
Calibration File No.:	01631		Calib. Date	: 09/15/2017	Calib. No.:	00038
Certification File No.:	01632		Cert. Date:	09/15/2017	Cert. No.:	00028
Linearity File No.:	01633		Lin. Date:	09/15/2017	Lin. No.:	00028
Solution File No.:	01634		Soln. Date:	09/15/2017	Soln. No.:	00247
Sequential File No.:	01634		File Date:	09/15/2017		
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 17110		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDWK S3-0387 03/20/2019 0618
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
Ambient Air Blank		0.000%	13:11D			
Control 1 EC		0.101%	13:12D	34.0°C	*** TEST I	PASSED ***
Control 1 IR		0.101%	13:12D	34.0°C	stateste COTO COTO T	
Ambient Air Blank			13.121	34.0 C	*** TEST I	PASSED ***
THE PICTURE		0.000%	13:12D 13:13D	34.0 C	*** TEST I	PASSED ***
Control 2 EC				34.0°C		PASSED *** PASSED ***
Control 2 EC Control 2 IR		0.000% 0.100% 0.100%	13:13D 13:13D 13:13D		*** TEST I	
Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.100% 0.100% 0.000%	13:13D 13:13D 13:13D 13:14D	34.0°C 34.0°C	*** TEST I	PASSED ***
Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC		0.000% 0.100% 0.100% 0.000% 0.100%	13:13D 13:13D 13:13D 13:14D 13:14D	34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I	PASSED *** PASSED ***
Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.100% 0.100% 0.000%	13:13D 13:13D 13:13D 13:14D	34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I	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.

Temperature Probe Serial Number:	DDWJPZ-026	(KA)	

Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpr- I K W. 9 #6704

Badge No.: 6704

Date:

09/15/2017



State of New Jersey

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Li. 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
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 0.1211 to 0.1231 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 2011 day of

Notary

MARY ELIZABETH MCLAUGHLIN

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

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