ALCOTEST CERTIFICATIONS INDEX 5-01-2019

ARAJ-0075

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ORIGINAL COU	RSE DATES	
DATE	Refresher Course PLACE	INSTRUCTOR
		
2		
3		
4		
5		
6		
7		
8		
9.		
S.P. 293B (Rev. 01/18)	

DEPARTMENT OF
und Auhlic 🕿
and Aublic Safer
illa
Dennis T-Lutz
New Jersey State Police
IS QUALIFIED AND COMPETENT TO COMPUTE CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER MZ OF
THE LAWS OF 1966 IN THE OPERATION OF THE ACCOUNTY ACCOUNTY
A METHOD TO DETERMINE INTOXICATION. DIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS. DAY OF October October
TWO THOUSAND AND Nine
C. Miller
SUPERINTÉNDENT ATTORNEY GENERAL NEW JERSEY STATE POLICE STATE OF NEW JERSEY

ORIGINAL COU	RSE DATES	
1. 2-3.// 2. 1/24/3 3. 11-73-15 4. 4/6/17 6	Refresher Course PLACE OCPA OCFA GCPA LAVEUUZCY	INSTRUCTOR LM hos Aiden Stades M. Gencalus Chambien
S.P. 293B (Rev. 07/07)		



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFFTY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

GURBIR S. GREWAL,
Altorney General

PATRICK J. CALLAHAN Colonel

Governor

SHEHA Y, OLIVER
Lt. Governor

PHILIP D. MURPHY

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: 07/31/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18220

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>0.1210</u> to <u>0.1233</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 July 23, 2020.

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 1st day of Acquest , 2018

MARY ELIZABETH MCLAUGHLIN

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



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OFFICE OF THE ATTORNEY GENERAL
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CHRISTOPHER S. PORRINO Attorney General

COLONEL JOSEPH R. PUENTES
Superintendent

KIM GUADAGNO

CHRIS CHRISTIE

Governor

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.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: <u>08/29/2017</u>

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17240

day of BLG

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0483 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 <u>August 10, 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 30

Notary

MARY ELIZABETH MCLAUGHLIN

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



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OFFICE OF THE ATTORNEY GENERAL DEPARTMENT OF LAW AND PUBLIC SAFETY PHILIP D. MURPHY DIVISION OF STATE POLICE Governor POST OFFICE BOX 7068 SHEILA Y, OLIVER

WEST TRENTON, NJ 08628-0068 (609) 882-2000

GURBIR S. GREWAL Attorney General

PATRICK J. CALLAHAN Colonel

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: Draeger Safety, Inc.

Lt. Governor

ANALYSIS DATE: 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 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 August 06, 2020.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and aftest 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.

charl Humany

Michael Kennedy

Assistant Chief Forensic Scientist NJSP Office of Forensic Sciences

Sworn to and subscribed before me this Hot day of September, 2018,

MARY ELIZABETH MCLAUGHLIN

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



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OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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CHRISTOPHER S. PORRINO
Attorney General

. COLONEL JOSEPH R. FUENTES

Superintendent

Governor
KIM GUADAGNO
Li. Governor

CHRIS CHRISTIE

CERTIFICATION OF ANALYSIS 0.16 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 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: <u>09/12/2017</u>

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17260

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>0.1937</u> to <u>0.1957</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 21, 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 13 day of Splanber, 2017.

Notary

PETER F MURPHY IV My Commission Expires August 1, 2019

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



Cert. No.: 4000-10177843

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: 191959024

Manufacturer: Control Company

Standards/Equipment: .	•		
<u>Description</u>	Serial Number	<u>Due Date</u>	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332	•	
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		* •
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388	e e e e e e e e e e e e e e e e e e e	
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104

٥C:

Procedure: CAL-06

Cal Date: 13 Feb 2019

99,953

100.053

Cal Due Date: 13 Feb 2021

0.0087

TUR >4:1 >4:1

>4:1

>4:1

Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

N.A.

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±υ
°C	N.A.	N.A.		-0.002	-0.002	Υ	-0.052	0.048	0.0087
°C	N.A.	N.A.		24.999	25.001	Υ	24.949	25.049	0.0087
°C	N.A.	N.A.		50.001	50.001	Υ	49.951	50.051	0.0087

100.003

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

99,999

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;

Mid Rodriguez

N.A.

Nicol Rodriguez, Quality Manager

Agron Judice. Technical Manager

Nol**e** :

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 Thermometer 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 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2006-AQ-HOLI-RvA.

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

ITEM 6 (92)

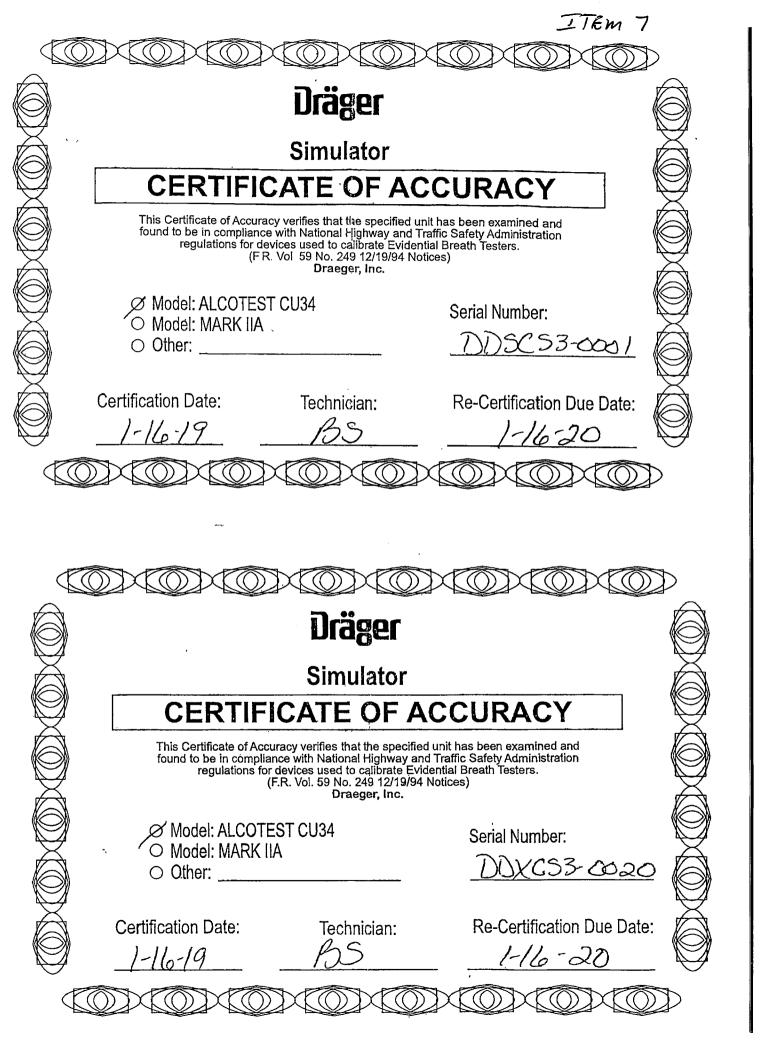


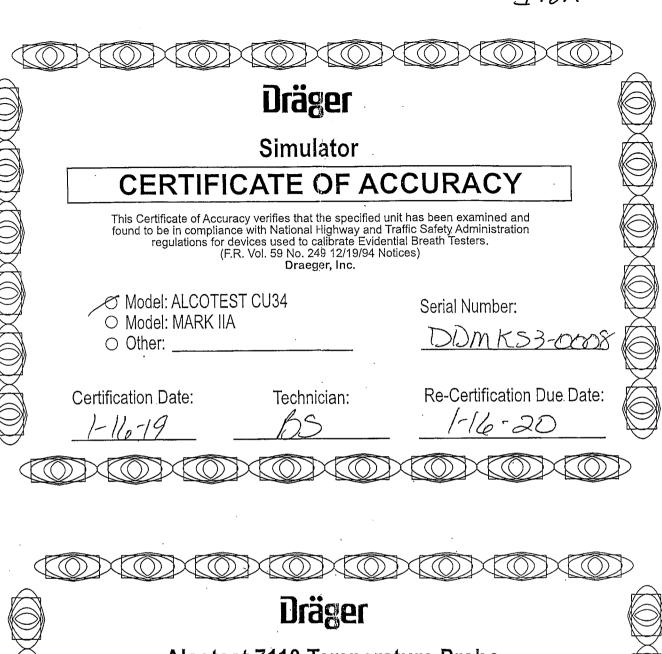
Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1, and 9001

(4)

Cert. No.: 4000-10177843

Traceable® Certificate of Calibration for Digital Thermometer





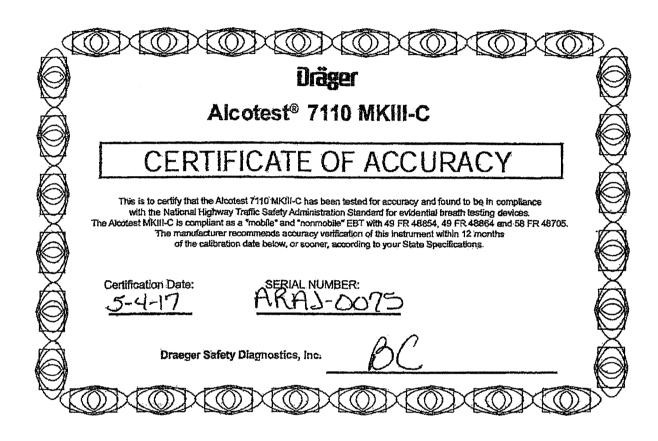
Alcotest 7110 Temperature Probe

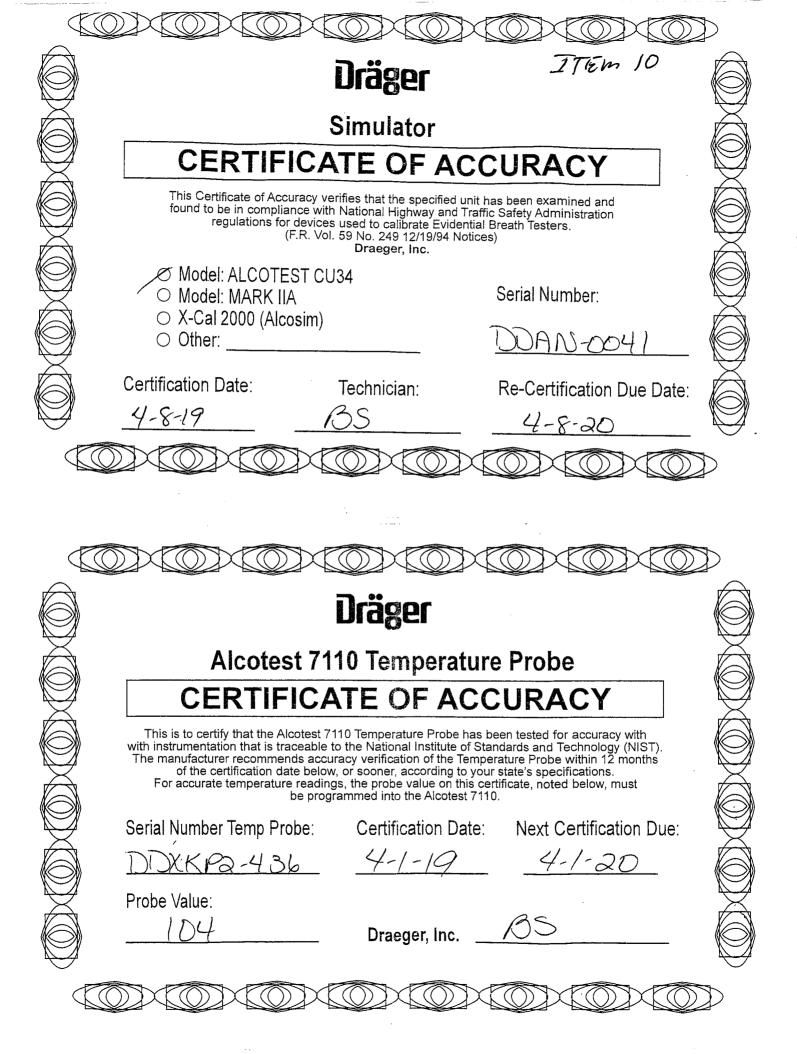
CERTIFICATE OF ACCURACY

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.

Serial Number Temp Probe:	Certification Date:	Next Certification Due
Probe Value:	Draeger, Inc.	<i>B</i> S







Alcotest 7110 MKIII-C Calibration NIST-Traceable Digital Thermometer Readings

Coordinator: TRI I Dennis T Lutz Name	7045 Badge No.
Location: Toms Fivel P.D	APAJ- 0075
Agency	Alcotest Serial No.
Equipment: 191 959 024	
Digital NIST Temperature Measuring System Serial No.	

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DD5C 53-0001	09:25 D	10.510	33,9°C
0.08%	00xc 53-0070	09:25 D	10.52D	33,9°C
0.10%	DDA U-0041	09:25 D	10.520	34.0°C
0.16%	DDMK 53-0003	09.LSD	10:53 D	31.00

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius ± 0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I amisubject to punishment.

To! I Ust 7045
Coordinator's Signature

5-1-19

Date

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C

Serial No.: ARAJ-0075

Lakation:

TOMS RIVER P.D.

Calibration File No.: 02617

Calib. Date: 05/01/2019 Cert. Date: 12/27/2018 Calib. No.: 00033 Cert. No.: 00023

Certification File No.: 02536 Linearity File No.:

02537 02615 Lin. Date: 12/27/2018 Soln. Date: 04/26/2019

Lin. No.: 00023

Solution File No.: Sequential File No.:

02617

File Date: 05/01/2019 Soln. No.: 00319

Calibrating Unit:

Control Solution %:

Solution Control Lot:

WET 0.100%

18220

Model No.: CU-34

Serial No.: DDAN-0041 Expires: 07/23/2020

Bottle No.: 0465

Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Badge No.: 7045

Date:

05/01/2019

*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 7110, 'as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment	Alcotest 7110 MKIII-C			Serial No.: ARAJ-0075
Location:	TOMS RIVER P.D.			
Calibration File No.:	02617	Calib. Date	: 05/01/2019	Calib. No.: 00033
Certification File No.:	02618	Cert. Date:	05/01/2019	Cert. No.: 00024
Linearity File No.:	02537	Lin. Date:	12/27/2018	Lin. No.: 00023
Solution File No.:	02615	Soln. Date:	04/26/2019	Soln. No.: 00319
Sequential File No.:	02618	File Date:	05/01/2019	
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.: DDAN-0041
Control Solution %:	0.100%			Expires: 07/23/2020
Solution Control Lot:	18220			Bottle No.: 0465
Function	Result	Time	Temperature	Comment(s)
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Function Ambient Air Blank			•	
	%BAC	HH:MM	•	
Ambient Air Blank	%BAC 0.000%	HH:MM 11:01D	Simulator (°C)	or Error(s)
Ambient Air Blank Control 1 EC	%BAC 0.000% 0.100%	HH:MM 11:01D 11:01D	Simulator (°C) 33.9°C	or Error(s) *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR	%BAC 0.000% 0.100% 0.099%	HH:MM 11:01D 11:01D 11:01D	Simulator (°C) 33.9°C	or Error(s) *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank	%BAC 0.000% 0.100% 0.099% 0.000%	HH:MM 11:01D 11:01D 11:01D 11:02D	Simulator (°C) 33.9°C 33.9°C	or Error(s) *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC	%BAC 0.000% 0.100% 0.099% 0.000% 0.099%	HH:MM 11:01D 11:01D 11:01D 11:02D 11:02D	Simulator (°C) 33.9°C 33.9°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR	%BAC 0.000% 0.100% 0.099% 0.000% 0.099% 0.100%	HH:MM 11:01D 11:01D 11:01D 11:02D 11:02D 11:02D	Simulator (°C) 33.9°C 33.9°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank	%BAC 0.000% 0.100% 0.099% 0.000% 0.100% 0.000%	HH:MM 11:01D 11:01D 11:01D 11:02D 11:02D 11:02D 11:03D	Simulator (°C) 33.9°C 33.9°C 33.9°C 33.9°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***

All tests within acceptable tolerance

Coordinator

Last Name: LUTZ

Signature:

First Name: DENNIS

Badge No.: 7045

MI: J

05/01/2019 Date:

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.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	02617		Cert. Date: Lin. Date:	: 05/01/2019 05/01/2019 05/01/2019 04/26/2019 05/01/2019	Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00024 00024
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 17240		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDSC S3-0001 08/10/2019 1205
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 18250		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDXC S3-0020 08/06/2020 1034
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 17260		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDMK S3-0008 08/21/2019 0688
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or E	rror(s)
Ambient Air Blank		0.000%	11:13D			
Control 1 EC		0.042%	11:14D	33.9°C	*** TEST	PASSED ***
Control 1 IR		0.040%	11:14D	33.9°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:15D			
Control 2 EC		0.040%	11:16D	33.9°C		PASSED ***
Control 2 IR		0.040%	11:16D	33.9°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:17D			
Control 3 EC		0.080%	11:18D	33.9°C		PASSED ***
Control 3 IR		0.075%	11:18D	33.9°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:19D			
Control 4 EC		0.080%	11:20D	33.9°C		PASSED ***
Control 4 IR		0.079%	11:20D	33.9°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:21D			
Control 5 EC		0.161%	11:22D	34.0°C		PASSED ***
Control 5 IR		0.159%	11:22D	34.0°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:24D			
Control 6 EC		0.160%	11:24D	33.9°C		PASSED ***
Control 6 IR		0.160%	11:24D	33.9°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:26D			

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

MI: J

First Name: DENNIS

Badge No.: 7045

Date:

05/01/2019

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 M	IKIII-C			Serial No.:	ARAJ-0075
Location:	TOMS RIVER I	P.D.				
Calibration File No.:	02617		Calib. Date:	05/01/2019	Calib. No.:	00033
Certification File No .:	02618		Cert. Date:	05/01/2019	Cert. No.:	00024
Linearity File No.:	02619		Lin. Date:	05/01/2019	Lin. No.:	00024
Solution File No.:	02620		Soln. Date:	05/01/2019	Soln. No.:	00320
Sequential File No.:	02620		File Date:	05/01/2019		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDAN-0041
Control Solution %:	0.100%				Expires:	09/26/2020
Solution Control Lot:	18320				Bottle No.:	1050
Function	F	Result	Time	Temperature	Com	ment(s)
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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:	DXXY 2-436 (DL)			
Changed By: Last Name: LUTZ	· First Name: DENNIS			MI: J
Signature: Tpr I UUX	7045	Badge No.: Date:	7045 05/01/2019	



PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER
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

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN

Colonel

CERTIFICATION OF ANALYSIS 0.100 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: 10/09/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18320

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>0.1213</u> to <u>0.1232</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 September 26, 2020.

As Assistant Chief Forensic 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.

Michael Kennedy

Assistant Chief Forensic Scientist

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NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19 day of October, 2011

Notary

MARY ELIZABETH MCLAUGHLIN

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



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer Primed on Recycled Paper and Recycloble



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