$\frac{\textbf{ALCOTEST CERTIFICATIONS INDEX}}{\textbf{8-25-2020}} \, \#37$

ARWF-0394

ITEM#1	- NJSP OFFICER'S ALCOTEST CREDENTIALS
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
ITEM # 5	- CERT OF ANALYSIS SIMULATOR SOLUTION 0.16
ITEM#6	- NIST CERT (2PGS)
ITEM#7	- ALCOTEST CU34 SERIAL #DDSC3-0001
	- ALCOTEST CU34 SERIAL #DDXCS3-0020
ITEM#8	- ALCOTEST CU34 SERIAL #DDMKS3-0008
	- ALCOTEST TEMPERATURE PROBE SERIAL # DDEEP2-060
ITEM#9	- TRPD ALCOTEST 7110 MK111-C SERIAL # ARWF-0394
ITEM # 10	- TRPD ALCOTEST CU34 SERIAL # DDWKS3-0387
	- TRPD ALCOTEST TEMP PROBE SERIAL # DDWJP2-026
ITEM # 11	- TRACEABLE DIGITAL THERMOMETER READINGS
ITEM # 12	- ALCOTEST 7110 CALIBRATION RECORD
ITEM # 13	- ALCOTEST 7110 CALIBRATION CONTROL TESTS
ITEM # 14	- ALCOTEST 7110 CALIBRATION LINEARITY TESTS
ITEM # 15	- NJSP NEW STANDARD SOLUTION REPORT
ITEM # 16	- CERTIFICATE OF ANALYSIS SIMULATOR SOLUTION (20090)

ITEM # 17 - ALCOTEST CARDS/SOLUTION CHANGE OPERATOR (3PGS.)

The and Hublic Sufer
Dennis J. Lutz
Breath Test Coordinator/Instructor
IS QUALIFIED AND COMMETTER FOR COMPART CHEMICAL INFANTS, AND AND ASSESSMENTAL FOR CHAPTER FOR OF
THE LAWS OF THE STREET PRODUCTION. A MORNHOOT DETERMINE INCORDINANT. GREEN HOUSE IN TRESTON, MAY ASSETT THE 29th PATOR JESTEBLY
Two TROUBAND AND Ninetness
COACHE, ATTORETY COMERT. MEN AGRECY STATE POLICE ATTORETY COMERT. ATTORETY COMERT. ATTORETY COMERT.

	Refresher Course	
DATE	PLACE	INSTRUCTOR
	···	
	<u></u>	
		
38 (Rev. 01/18)		

DEFARTMENT OF And Hublic Safet Dennis Line New Jersey State Rolice
THE OWNER WHEN COMPANY TO COMPANY CARREST CARREST AND PARTY AND ASSESSMENT TO COMPANY MATCH
THE LAWS OF 1944 HATER OPERATION OF THE ACCORDES TO THE MIKELET CO.
A METHOD TO DETERMINE HITOCOCKTON.
Two Thorsages Ages Nine
Marie Victoria Control

PLATTE.	Refresher Court	ha .
· 2 · 3 · // /	PLACE	MSTRUCTOR
	DCPA	_(0/11) hozz
	<u>OCP4</u>	ا عد ال
11-23-15	GCPA	A Garage
	AVELUES:	M. CIENCON
8/a2/19 No	AK A HINE	
Plasit No	SP Galloway	Ball
·		
		· · · · · · · · · · · · · · · · · · ·
		



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

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN

SHEILA Y. OLIVER

PHILIP D. MURPHY

Governor

CERTIFICATION OF ANALYSIS 0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

(609) 882-2000

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/21/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19270

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>0.1216</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 October14, 2021.

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 NJSP Office of Forensic Sciences

Sworm to and subscribed before me this 28 day of 00 to be 2019.

KAREN E. STAHL NOTARY PUBLIC OF NEW JERSEY Commission # 50110522 My Commission Expires 8/19/2024



"An Internationally Accredited Agency"

New Jersey is An Equal Opportunity Employer Printed on Rocycled Paper and Recyclobic





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

PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER

U. Governor

CERTIFICATION OF ANALYSIS 0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 11/14/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19310

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>0.0485</u> to <u>0.0489</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 November 04, 2021.

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

Mariataus Chias Tour

Assistant Chief Forensic Scientist NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15 day of November, 2019.

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024

"An Internationally Accredited Agency"

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





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 0.080 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.

ANALYSIS DATE: 11/20/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0971 to 0.0985 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is November 11, 2021.

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

NJSP Office of Forensic Sciences

subsofibed before me this al day of November, 2019.

KAREN E. STAHL NOTARY PUBLIC OF NEW JERSEY Commission # 50110522 My Commission Expires 8/13/2024



"An Internationally Accredited Agency"

New Jersey is Au Equal Opportunity Employer Printed on Recycled Paper and Recyclable





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

Lt. Governor

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

GURBIR S. GREWAL Attorney General

PATRICK J. CALLAHAN Colonel

CERTIFICATION OF ANALYSIS 0.160 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, Inc.

ANALYSIS DATE: 12/11/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19360

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0,1956 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 December 02, 2021.

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

NJSP Office of Forensic Sciences

and subscribed before me this 18 day of Dr CP M Dr A , 2019.

KAREN E. STAHL NOTARY PUBLIC OF NEW JERSEY Commission # 50110522 ly Commission Expires 8/13/2024



"An Internationally Accredited Agency"

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





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



Cert. No.: 4000-10177848

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: 191959029

Manufacturer: Control Company

THOUGH O ILLO OOT		`	O/14, 191859029		14	Mandiacturer. Control Company				
Standard	ds/Equipm	ient:								
	Descr	<u>iption</u>		Serial Num	nber	<u>Due</u>	Date .	<u>NIS</u>	T Traceable Refe	rence
Te	emperature C	alibration Bath		93139						
	Therm i sto	r Module	•	A17118		20 Apr 2019		1000424560		
	Thermisto	r Module		A27129		10 Ja	n 2020	1000436202		
To	emperature C	alibration Bath	-	A73332	•					
	Temperati	ure Probe		3039		08 Ma	ay 2019		6-B7F4L-20-1	
Te	emperature C	alibration Bath		A79341						
	Temperati	ure Probe		5394		29 Ja	n 2020		B9124038	
Te	emperature C	alibration Bath	•	B16388						
	Temperali	ure Probe		5267		28 Ja	n 2020	B9124036		
 Certifica	te Informa	tion:					,, <u>,,,</u>			
echniciar	ո։ 104		Procedure	: CAL-06	Ca	I Date: 13 I	Feb 2019	Cal [Due Date: 13 Fe	b 2021
Γest Cond	itions: 38.	.85%RH 24.2	1°C 1023	3mBar						
Calibratio	on Data: (N	lew Instrum	ent)							
Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Υ	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Υ	24,949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50,000	Υ	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.000	100,002	Υ	99.95	100.05	0.0087	>4:1

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

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 85% 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 Ralio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) — Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Hid Rodrigues

Nicol Rodriguez, Quality Manager

Note:

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.

For (actory 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-HOU-RvA.

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

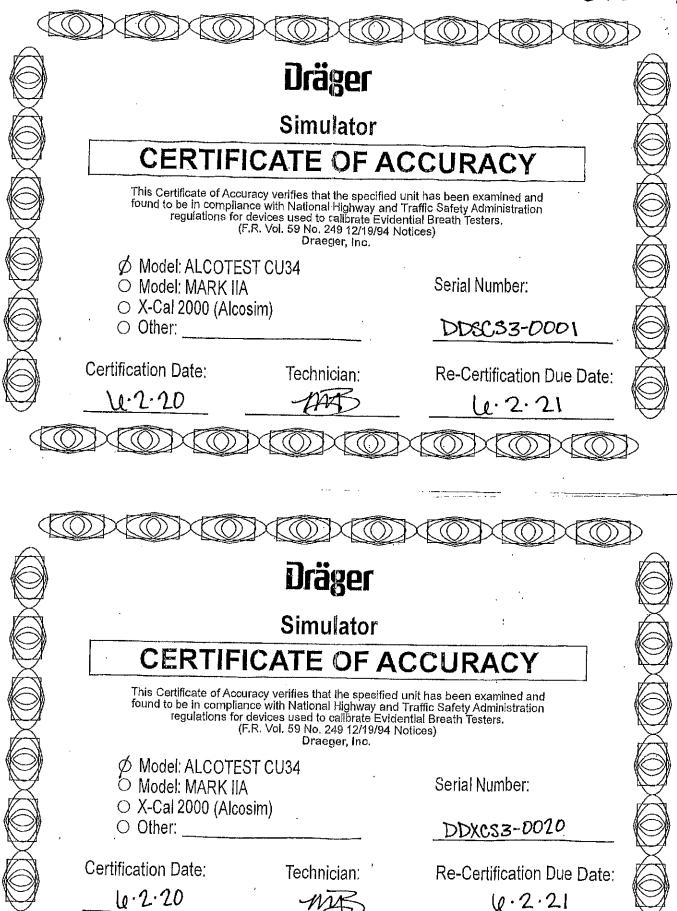


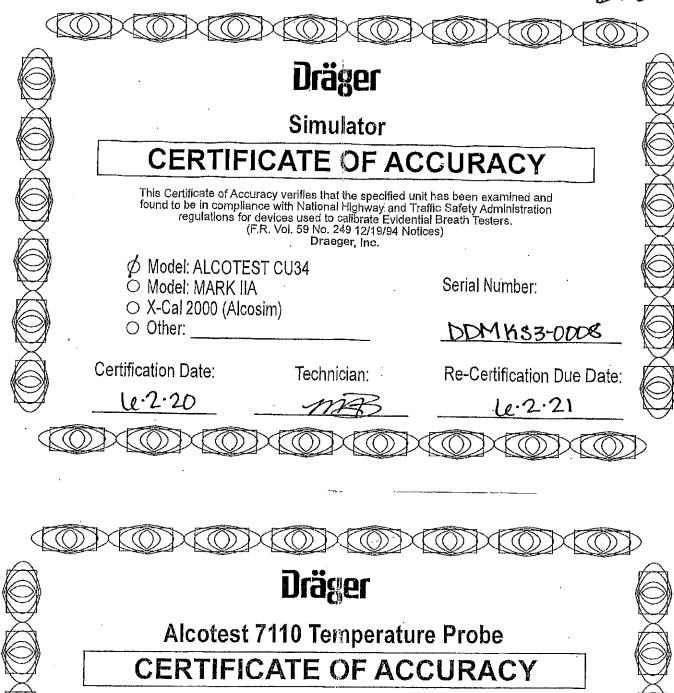
Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1, and 9001



Cert. No.: 4000-10177848

Traceable® Certificate of Calibration for Digital Thermometer





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	Pro.	oe
--------	--------	------	------	----

Certification Date:

Next Certification Due:

DDEEP2-DLED

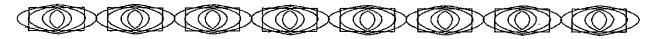
U·3·20

6.3.21

Probe Value:

Draeger, Inc.





Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 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's specifications.

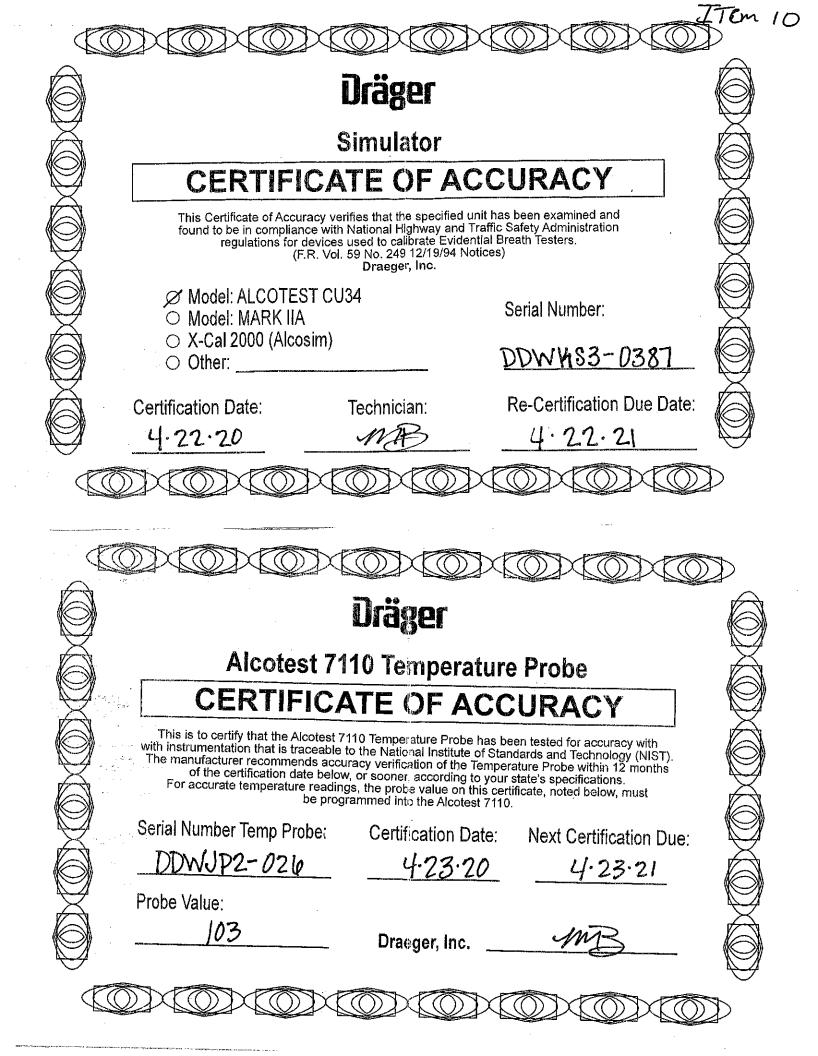
Certification Date:

Serial Number:

04/09/2020 ARWF-0394

Draeger, Inc.





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

Coording	itor:			
TPC	I	Dennis	J	Lutz
Name				

7045 Badge No.

Location:

Toms River P.D.

Alcotest Serial No.

Equipment

191 959 029

Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	Simulator Simulators	Time Temp. Reading	Temp. Reading on NIST Traceable
	Serial No. Started to Heat	Obtained	Thermometer 33.9°C
ļ		12:170	33.9°C
0.10%	DDWK-53-0387 11:01 D	12:170	34.0°C
0.16%	DDMK-53-0008 11:01 D	12:180	33.9°C

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 am pubject to punishment.

Coordinator's Signature

8-25-20

01/25/2019

Alcotest 7110 Calibration Record

04/24/2020

08/25/2020

Equipment

Alcotest 7110 MKIII-C

Serial No.: ARWF-0394

00036

Location:

TOMS RIVER P.D.

Calibration File No.:

01870

Certification File No.: 01846 Linearity File No.: 01847 01869

Solution File No.: Sequential File No.: 01870

WET

Control Solution %: Solution Control Lot: 19270

0.100%

Lin. Date:

File Date:

Model No.: CU-34

Calib. Date: 08/25/2020

Cert. Date: 04/24/2020

Soln. Date: 08/21/2020

Serial No.: DDWK S3-0387

Expires: 10/14/2021 Bottle No.: 0850

Calib. No.: 00050

Cert. No.: 00036

Soln. No.: 00308

Lin. No.:

Coordinator

Last Name: LUTZ

Calibrating Unit:

First Name: DENNIS

Badge No.: 7045

Date: 08/25/2020

MI: J

*Black Key Temperature Probe Serial......# DDEEP2 - 060

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



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, T 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 71 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 contilicate, 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.: ARWF-0394
Location:	TOMS RIVER P.D.	•

Calibration File No.: 01870 Calib. Date: 08/25/2020 Calib. No.: 00050 Certification File No.: 01871 Cert. Date: 08/25/2020 Cert. No.: 00037 Linearity File No.: 01847 Lin. Date: 04/24/2020 Lin. No.: 00036 Solution File No.: 01869 Soln. Date: 08/21/2020 Soln. No.: 00308

Sequential File No.: 01871 File Date: 08/25/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWK S3-0387

Control Solution %: 0.100% Expires: 10/14/2021

Solution Control Lot: 19270 Bottle No.: 0850

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:29D		
Control 1 EC	0.099%	12:30D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:30D		
Control 2 EC	0.099%	12:31D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:32D		
Control 3 EC	0.099%	12:32D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:33D		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

Signature:

First Name: DENNIS

Badge No.: 7045

Date: 08/25/2020

MI: J

Pursuant to law, and the "Chemical Bleath 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 110," 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: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.:	01872 01869		Cert. Date: Lin. Date: Soln. Date:	08/25/2020 08/21/2020	Calib. No.:	00037 00037
Sequential File No.: Calibrating Unit: Control Solution %:	01872 WET 0.040%		File Date: Model No.	08/25/2020 : CU-34	Expires:	DDSC S3-0001 11/04/2021
Solution Control Lot:	19310				Bottle No.:	1047
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 19320		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDXC S3-0020 11/11/2021 0548
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 19360		Model No.	: CU-34	Serial No.: Expires: Bottle No.:	DDMK S3-0008 12/02/2021 0799
Function		Result	Time	Temperature	Comr	ment(s)
				≥		
		%BAC	HH:MM	Simulator (°C)	or En	ror(s)
Ambient Air Blank		%BAC 0.000%	HH:MM 12:53D	Simulator (°C)	or En	ror(s)
Ambient Air Blank Control 1 EC				Simulator (°C) 33.9°C		ror(s) PASSED ***
		0.000%	12:53D		*** TEST P	
Control 1 EC		$0.000\% \\ 0.041\%$	12:53D 12:53D	33.9°C	*** TEST P	ASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		0.000% 0.041% 0.040%	12:53D 12:53D 12:53D	33.9°C	*** TEST P *** TEST P	ASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		0.000% 0.041% 0.040% 0.000%	12:53D 12:53D 12:53D 12:55D	33.9°C 33.9°C	*** TEST P *** TEST P *** TEST P	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.041% 0.040% 0.000% 0.040%	12:53D 12:53D 12:53D 12:55D 12:56D	33.9°C 33.9°C 34.0°C	*** TEST P *** TEST P *** TEST P	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% 0.041% 0.040% 0.000% 0.040%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D	33.9°C 33.9°C 34.0°C	*** TEST P *** TEST P *** TEST P *** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.000%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D	33.9°C 33.9°C 34.0°C 34.0°C	*** TEST P *** TEST P *** TEST P *** TEST P	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		0.000% 0.041% 0.040% 0.000% 0.040% 0.040% 0.000% 0.080%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D 12:58D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C	*** TEST P *** TEST P *** TEST P *** TEST P	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		0.000% 0.041% 0.040% 0.000% 0.040% 0.040% 0.000% 0.080% 0.080%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C	*** TEST P *** TEST P *** TEST P *** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.080% 0.080% 0.080%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:59D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C	*** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.000% 0.080% 0.080% 0.000% 0.079%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:59D 13:00D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C	*** TEST P	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		0.000% 0.041% 0.040% 0.000% 0.040% 0.040% 0.000% 0.080% 0.080% 0.000% 0.079% 0.079%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:59D 13:00D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C	*** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.080% 0.080% 0.000% 0.079% 0.079% 0.000%	12:53D 12:53D 12:53D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:59D 13:00D 13:00D 13:01D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C 33.9°C	*** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.080% 0.080% 0.079% 0.079% 0.079% 0.159% 0.158% 0.000%	12:53D 12:53D 12:53D 12:55D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:58D 12:59D 13:00D 13:00D 13:01D 13:02D 13:02D 13:03D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C 33.9°C 33.9°C	*** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.080% 0.080% 0.079% 0.079% 0.079% 0.0159% 0.158% 0.000% 0.159%	12:53D 12:53D 12:53D 12:55D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:58D 13:00D 13:00D 13:00D 13:01D 13:02D 13:02D 13:03D 13:04D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C 33.9°C 33.9°C 33.9°C	*** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P	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% 0.041% 0.040% 0.000% 0.040% 0.040% 0.080% 0.080% 0.079% 0.079% 0.079% 0.159% 0.158% 0.000%	12:53D 12:53D 12:53D 12:55D 12:55D 12:56D 12:56D 12:57D 12:58D 12:58D 12:58D 12:59D 13:00D 13:00D 13:01D 13:02D 13:02D 13:03D	33.9°C 33.9°C 34.0°C 34.0°C 33.9°C 33.9°C 33.9°C 33.9°C 33.9°C	*** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P *** TEST P	PASSED ***

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

Badge No.: 7045

Date:

08/25/2020

MI: J

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0394 Location: TOMS RIVER P.D. Calibration File No.: 01870 Calib. Date: 08/25/2020 Calib. No.: 00050 Certification File No.: 01871 Cert. Date: 08/25/2020 Cert. No.: 00037 Linearity File No.: 01872 Lin. Date: 08/25/2020 Lin. No.: 00037 Solution File No.: 01873 Soln. Date: 08/25/2020 Soln. No.: 00309 Sequential File No.: 01873 File Date: 08/25/2020 Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWK S3-0387 Control Solution %: 0.100% Expires: 02/19/2022 Solution Control Lot: 20090 Bottle No.: 0108 Function Result Time Temperature Comment(s) %BAC HH:MM Simulator (°C) or Error(s) Ambient Air Blank 0.000% 14:21D Control 1 EC 0.100% 14:22D 34.0°C *** TEST PASSED *** Control 1 IR 0.100%14:22D 34.0°C *** TEST PASSED *** Ambient Air Blank 0.000%14:23D Control 2 EC 0.100% 14:23D 33.9°C *** TEST PASSED *** Control 2 IR 0.100% 33.9°C 14:23D *** TEST PASSED *** Ambient Air Blank 0.000%14:24D Control 3 EC 0.098% 14:25D 34.0°C *** TEST PASSED *** Control 3 IR 0.100%14:25D 34.0°C *** TEST PASSED *** Ambient Air Blank 0.000% 14:25D

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:

DDWJP2-026

Changed By:

Last Name: LUTZ

First Name: DENNIS

Badge No.: 7045

Date:

08/25/2020

MI: J



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, Inc.

ANALYSIS DATE: 03/03/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20090

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 0.1218 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 February 19, 2022.

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

NJSP Office of Forensic Sciences

and subscribed before me this $\overline{\mathscr{Z}}$ day of $\overline{\mathscr{M}}$

KAREN E. STAHL NOTARY PUBLIC OF NEW JERSEY Commission # 60110522 My Commission Expires 8/13/2024

"An Internationally Accredited Agency"

New Jersey Is An Equal Opportually Employer Printed on Recycled Paper and Recycloble



	ORIGINAL COURSE DATES 1/5/2006
DEPARTMENT OF	Refrance Course DATE PLAGE INSTRUCTOR
The state of the second	1 9/22/2008 Ocean Co. Cross
2+	2/-28-10 OCPA Winhow
Steven Schow are	3 2-6-12 OCPA J. Strayfor
Тотиз River Railer Department в раздушенняе общение получение по	12-11-14 (RICELLURST won from
THE LANG STANS HATHER PROMISE AND THE	BED (till and E of the control of t
Onderwords the ways transmission in Private United June 1970	1.
1 is Q diam	8.
/ TOTAL PROTECT TATE STATES / TOTAL PROTECT STATE STATES MAN ARMAT STATE STATES MAN ARMAT STATES STATES MAN ARMA	8.
•	S.P. 293B (Rev. 07/07)
DEPARTMENT OF	ORIGINAL COURSE DATES 1/3/2006
and Public S	Refresher Course
Alice The continuity that a set of	1. 1/6/2014 Lakehurst Cross
David Bartoshek	23-15-26 / 1-61/5-
Toms River Township Police Department	8.3-77-18 /ALENIET COMPON
IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL DEPARTMENT ANALYSES PURSUANT TO CHAPTER HI	4. LAKENDRIJ WMW
THE LAWS OF 1866 IN THE OPERATION OF THE ALDCOTEST 7110 MK III-C	5
аметноо то остемные итохісатюк симентору до вод прости в проток в	6.
TWO THOUSAND AND FOURTEED	7.
In Paul	В,
SUPERINTENDENT ANY ING ATTOMATY CHIERAL. MEW JERSEY STATE POLICI STATE OF NEW JERSEY	— 9.
	S.P. 2938 (Fiev. 08/13)
DEPARTMENT OF	ORIGINAL COURSE DATES 0.4/13/2000 - 0.4/16/2000
> 25	ORIGINAL COURSE DATES
This is to colling that I af n	DATE PLACE INSTRUCTOR 1. 02/11/2014 Lakehurst Cross
This is to constitute tiped of Light	2.Z=17-16 (.OKENURST Lum Com
Michael A. DeRosa	SALAS LAKEHUVCE LACTOR
TOTILE KIVEL TOWNSHIP REQUALIBIEDADE COMMETERITY OF CHICAGE CHARACTER PROPERTY OF CHICAGE COMMETER AND COMME	4.
THE LAWS OF THE HYPE OPERATION OF THE MISSING STREET THE LAWS OF THE HYPE OPERATION OF THE LAWS	5.
AMETHOD TODETSRIMME SHOWLGATION. OWEN UNDER MY HAND A TREETION NEW PERSONNES. ATD DAY OF PROTURTY	Ū.
TWOTHULSAND AND FILLERI	7
Land John Dog	E
HER IBRZEA ZAVLE HOTTE: 21 WEYN, HER ELBEN CHREE	S.P. 2938 (Her. DD/13)
W	•
DEPARTMENT OF	
Service Control of the Control of th	ORIGINAL COURSE DATES
The wife in to the lift of the safe.	Refresher Course DATE PLACE INSTRUCTOR
	1 1-23-14 LAKEHORST WOLLOW
Ronald C. Bayer	24-21-16 COKEHURST won hon
TOMS RIVER TOWNShip IS DUALWIED AND COMPETENTIO CONDUCTCHEMICAL GREATH ANALYSES NURSUANT TO CHAPTER 142 DE	= 3/27/15 LINEHUEST ChanSton
THE CAMS OF INCOMENCES ATTOMOFUNG A COLORY 71111 MINITUDE	*
а метино ти петекмие изтокоаток. Отчен инфекму наноат эквитик, нем билее тик: 5tb uay of April	5.
TWGTHOUSANDAHU TYPELYE	7.
had been by the section	
MEW TERREY STATE PULICE STATE OF MEM MEXICON	9.
. '	S.P. 293B (Flev. 02/12)

DEPARTMENT OF BITCH BILLITIE Kenneth J. Thomas Jr. Tomis River Township Is qualified and compressing to compute them that the computer them to the computer that the computer them to the computer that the computer them to the computer that the computer that the computer them to the computer that	Retresher Course PATE PLACE INSTRUCTOR INST
BEISH M. Doyle Toms River Township ES QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL SHEATH ANALYSES PURSUANT TO CHAPTER 10 OF THE LAWS OF THE OPERATION OF THE Alcotest 71 10 MKTH-C A METROO TO DETERMINE INTOXICATION. THYOTHOUSAND AND NINE SUPERINT SUPERINT SUPERING MEN LERISEWEIGE 122 HB DAY OF October THYOTHOUSAND AND NINE SUPERINT SUPERINT SUPERING SUPERINT SUPERINT SUPERINT SUPERING SUPERINT SUPE	DRIGINAL COURSE DATES Refresher Gourse FLACE 1. 2. 2. 11 OCPA 2. 2. 7-13 OCPA WM ham 3. 2-5-15 OCPA WM ham 4. 4/C/17 LANCEUUSST Chamber 5. 1/23/19 LANCEUUSST Chamber 6. 1/23/19 LANCEUSST Chamber 6. 1/23/19 LAN
DEPARTMENT OF THE STILL FLITT STIPLE PASCAL MA GRAND OF THE SUPERITORY IS HIP SQUALIFIED AND COMPETENT TO CONDUCT CHARGES THE MANAGEMENT HAVE STREET HAVE STREET THE LAWS OF ING IN THE OPERATION OF THE AMERICAN HAVE PROBLEM TO CONDUCT THE AMERICAN HAVE STREET HAVE STR	ORIGINAL COURSE DATES DATE, PLACE 1. 3/3/15 OC.PA 2. 4/37/17 LANGELUTZCT 3. 5/4/14 LANGELUTZCT 4. 6. 7. 8. 9. S.P. 2898 (Rev. 62712)
DEPARTMENT OF THE THIRD IT THE STATE STAT	ORIGINAL COURSE DATES 3-28-2005 Refresher Course PLACE INSTRUCTOR 1. 11-30-07 Ocean Cn. PA Stanks 2. 7/29/09 OC. FA WM Lond 4. 2-7-13 OC. FA WM Lond 5. /-20-15 OC. FA WM Lond 6. 3/21/17 LAKEHURST WM Lond 7. 4-15-19 LAKEHURST WM Lond 9. 9.

DEPARTMENT OF	ORIGINAL COURSE DATES 1/4/2006
Naturand Hublic Safet	Refresher Course
All ich White is to certify that of all pt	1. 2/8/2010 Ocean Co. P.A. Stanks
Robert Westfall	2.1/5/11 OCPA adam Stando
Toms River Township Police Department	3. 1-29-13 · OCPA WM Gran
IS QUALIFIED AND COMPETENT TO CONSUCT CHEMICAL DRUGATE ANALYSES PURSUANT TO CHAPTER 143 OF	4.3-2-15 OCPA Winhos
THE LAWS OF 1966 IN THE OPERATION OF THE ALGOTEST 77110 MKIII-C	64/10/17 LAKEHURST COC Staly
A METHOD TO DETERMINE INTOXICATION. DIVEN UNDER MY MAND AT TRENTON, NEW JERSENTING. — 14th day of June	6. 5-29-19 LAKE HURST Lum hoss
TWO THOUSAND AND Ten	7.
SUPERINTENDENY ATTORNEY GENERAL	9.
SUPPRINTENDENT ATTORNEY OBHENAL NEW JEHSEY STATE POLICE STATE OF NEW JEHSEY	9. S.P. 2935 (Rev. 03/10)
DEPARTMENT OF	ORIGINAL COURSE DATES
and Auntic Sar	Refresher Course
The state is to restrict that the CLIPA	PLACE INSTRUCTOR
Adam Mak Gennen	21-22-15 OCPA WMC
Poms River Two	3 4/26/17 LAVEHUDGY OdomCr. D.
IS QUALIFIED AND COMPETENT TO CONDUCT ORDAIN THE WARMEN SES FOR SUANT TO CHAPTER 142 O	
	1 1-24-19 Lakeharst R 9-
THE LAWS OF 1946 IN THE OPERATION OF THE 107 (ALACITES (FIX) 1 0 M KIII-C	1. 1-24-19 Lakeharst R q
The laws of 1966 in the operation of the UV. Alexander 110 MKIII-C. A method to determine ritualization. Over under My hand at trestion, new perspectives. 31st Day of My arch	5. 6.
THE LAWS OF 1946 IN THE OPERATION OF THE UTILA ALECTION TO MICE A METHOD TO DETERMINE INTOXICATION AND A STATE OF THE AMERICAN AND A STATE OF	5. 6. 7.
THE LAWS OF PINK IN THE OPERATION OF THE TAY OF THE LAWS OF THE TOWN THE	5. 6.
THE LAW OF PROBATINE OF SEATON OF THE 17 CALESTOSE THE 10 MKIII-C: A METHOD TO DETERMINE RETOXICATION, NEW PERSENTIES THE DAY OF MIRTCH TWO THOUSAND AND ELCYCH LOSSEL CHEEN	5. 6. 7.

•