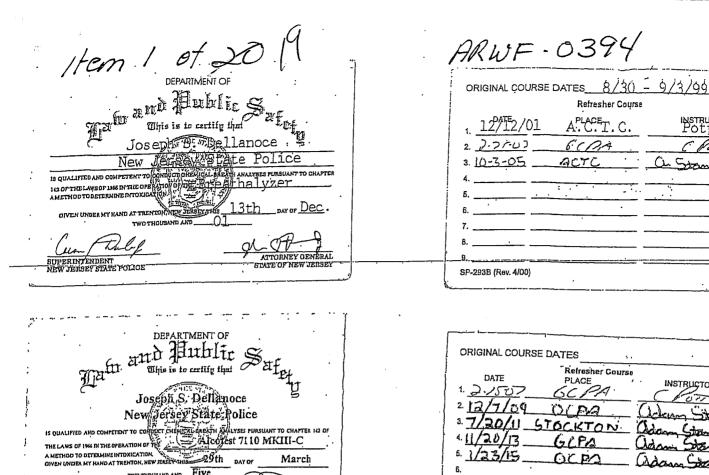
$\frac{ALCOTEST\ CERTIFICATIONS\ INDEX}{10-2-2015}\\ \underline{(2-9-2016=ADDENDUM)}$

ARWF-0394

ITEM # 1	- NJSP OFFICER'S ALCOTEST CREDENTIALS (3PAGES)
ITEM # 2	(2/9/16 ADDENDUM = KEVIN W. ALCOTT) - 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
ITEM # 7	- ALCOTEST CU34 SERIAL #DDAE-0017
ITEM#8	- ALCOTEST CU34 SERIAL #DDRK S3-0005
ITEM#9	- ALCOTEST CU34 SERIAL #DDRF S3-0009
ITEM # 10	- ALCOTEST TEMPERATURE PROBE SERIAL # DDEEP2-081
ITEM # 11	- TRPD ALCOTEST 7110 MK111-C SERIAL # ARWF-0394
ITEM # 12	- TRPD ALCOTEST CU34 SERIAL # DDAN-0040 (2/9/16 ADDENDUM = DDWKS3-0387)
ITEM # 13	- TRPD ALCOTEST TEMP PROBE SERIAL # DDXKP2-444
ITEM # 14	(2/9/16 ADDENDUM = DDWJP2-026) - ALCOTEST 7110 CALIBRATION RECORD
ITEM # 15	- ALCOTEST 7110 CALIBRATION CONTROL TESTS
ITEM # 16	- ALCOTEST 7110 CALIBRATION LINEARITY TESTS
ITEM # 17	- NJSP NEW STANDARD SOLUTION REPORT
ITEM # 18	(2/9/16 ADDENDUM = SOLUTION BOTTLE 215) - CERTIFICATE OF ANALYSIS SIMULATOR SOLUTION (15B137)
ITEM # 19	- ALCOTEST CARDS/SOLUTION CHANGE OPERATOR



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Joseph S: Deflanoce
New Jersey State Rolice
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ATTORNEY COMMITTEE
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S.P. 293B (Rev. 12/04)

Hem 1. of 19

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ARWF-0394 Feb 20 2008 12:08 P. 02



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARIMENT OF LAW AND RUBLIC SAFETY
PO BOX 080

TRENTON, NJ 08625-0080

ANNE MILGRAM Luorney General

January 14, 2008

Re: Breatli Test Coardinator

Breath Test Coordinator/Instructor, Certification - Trooper Joseph S. Dellanoce #6027

Dear Colonel Fuentes:

JON S. CORZINE

-Goyarnor

Pursuant to the provisions of N.J.A.C. 13:51-2.1 (b) and (c), as adopted and promulgated under the provisions of N.J.S.A. 39:4-50.3, 39:3-10.25 and 12:7-56, I hereby approve. Trooper Joseph S. Dellanoce #6027, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

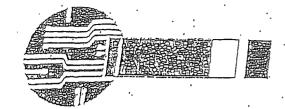
Very truly yours,

Ande Miligram Attorney General

Trooper Joseph S. Dellanoce #6027, Alcohol/Drug Test Unit, Division of State Police Lt. Mark Kolodzieski, Unit Head, Alcohol/Drug Test Unit, Division of State Police

1/cm 1 of 19

ARWF-0394



This is to certify that

Joseph S. Dellanoce #6027

has successfully completed the two day Draeger Safety Diagnostics, Inc. Operator Training and Preventive Maintenance Course on the New Jersey specific Alcoteste 7110 MKIII-C and is hereby certified as a qualified

Operator Trainer and Maintenance Technician

Completion of this course qualifies this individual to train and certify Operators in the proper use and operation as well as perform Preventive Maintenance on the New Jersey specific Alcoteste 7110 MKIII-C.

Date: 4/12/2007

Jacumit.

Instructor: Hansueli Pyser

TRIODE

DEPARTMENT OF UNITED STATE ORIGINAL COURSE ORI

LECTICAL 7110 MKIII-C

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DATE 1.	Refresher Course PLACE	INSTRUCTOR
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DATE 1. 8-25-10 2.1-12-12 1. 1-16-14 1. 1/21/16	RSE DATES RATESTON COURSE SAYLEVILLE ILL LUKCHUPST	INSTRUCTOR R. Jan Z. L. L. Jan Z. L. L. Jan Z. L.

ARWF-0394



State of Mem Jersey Oppice 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 JOHN J. HOFFMAN

Acting Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

CHRIS CHRISTIE

Governor

KIM GUADAGNO

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: 09/14/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H143

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>0.1128</u> to <u>0.1226</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 17, 2017</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 12 day of action 2015.

MARY ELIZABETH MCLAUGHLIN

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



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Item 3 of 19

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor



ARWF-0394

State of Achi Jersey Office of the Attorney General

DEPARTMENT OF LAW AND PUBLIC SAPETY
DIVISION OF STATE POLICE

POST OFFICE BOX 7068

Wast Trenton, NJ 08628-0068 (609) 882-2000 JOHN J. HOPFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

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: 9/10/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H141

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>0.0478</u> to <u>0.0487</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 11. 2017</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 11th day of September, 2015.

MARY ELIZABETH MCLAUGHLIN

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



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1tem 4 of 19



ARWF-0394

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
(609) 882-2000

JOHN J. HOPPMAN
Acting Attorney General

COLONEL JOSEPH R. PUENTES

Superintendent

CHRIS CHRISTIE Governor

KIM GUADAGNO

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: Dracger Safety, Inc.

ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H142

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0967 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 13, 2017</u>.

As Research Scientist for the Division of State Police, I hereby cortify 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.

Ati M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this the day of the model, 2015.

NOWARY ELIZABETH MCLAUGHLIN

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



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11cm 5 of 19



ARWF-0394

State of New Jersey Office of the attorney General

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAPETY
DIVISION OF STATE POLICE

POST OFFICE BOX 7068 West Trenton, NJ 08628-0068 (609) 882-2000 JOHN J. HOPFMAN
Acting Attorney General

COLONBL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIB
Governor

KIM GUADAGNO

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: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H144

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 0.1952 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 19, 2017</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 18 day of September, 2015.

Notary

JOHN R LEAVER

ID # 2207138

NOTARY PUBLIC

STATE OF NEW JERSEY

My Commission Expires Dec. 14, 2017



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Itam 6 of 19



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



ARWF-0394

Cert, No.: 4000-5574138

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bidg 1, Ste 200, 100 Malsonford Road, Radnor, PA 19087 Instrument Identification:

Model: 61220-601

S/N: 130754753

Manufacturer: Control Company

Standards/Equipment:

ariaaras/Equipment.			
<u>Description</u>	Serial Number	Due Date:	NIST_Traceable-Reference
Temperature Callbration Bath TC-179	A45240		
Thermistor Module	. : A1,7118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B48Z9-30-1
Temperature Calibration Bath TC-231	, A79341	•	
Thermistor Module	A17118 .	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	. 15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388	•	-
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	. B3812004

Certificate Information:

Technician: 68 Test Conditions: Procedure: CAL-06

33.0 %RH 1033 mBar

Cal Date: 12/12/13

Cal Due: 12/12/15

Calibration Data: (New Instrument)

24.0°C

TUR	±U	Max	Min	in Tol	As Left	Nominal	in Tol	As Found	Nominal	Unit(s)
3.8:1	0.013	0.051	-0.049	Y	0.001	0.001		N.A.		•c
2.2:1	0.023	25.049	24.949	Y	25.001	·24.999		N.A.		°C ·
3.6:1	0.014	50.053	49.953	Y	50.000	50.003	T	N.A.		· •c
2.8:1	Ω.018	100-051	99.951	Y	.100.005	100.001		N.A.		*C

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 41 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty availuation includes the instrument under lest 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 toterance 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=Tost Uncertainty Rallo; Accuracy=±(Max=Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=Min/IDIYY

Hid Lodrigues Rodriguez, Quality Manager

Aaron Judice, Technical Manage

Maintaining Accuracy:

In our apinion 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.

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 Veritas, Certificate No. CERT-01805:2006-AQ-HOU-RVA.

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

Traceable® is a registered trademark of Control Con



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)

Model: ALCOTEST® CU34 Model: MARK IIA Other:		Serial Number: DDAE - 0017
Certification Date - 18 - 15	Technician	Re-Certification Due Date



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)

Model: ALCOTEST® CU34 Model: MARK IIA Other:		Serial Number: DDPK S3 - 0005
Certification Date - 17 - 15	Technician $\frac{3}{5}$	Re-Certification Due Date $8 - 17 - 16$



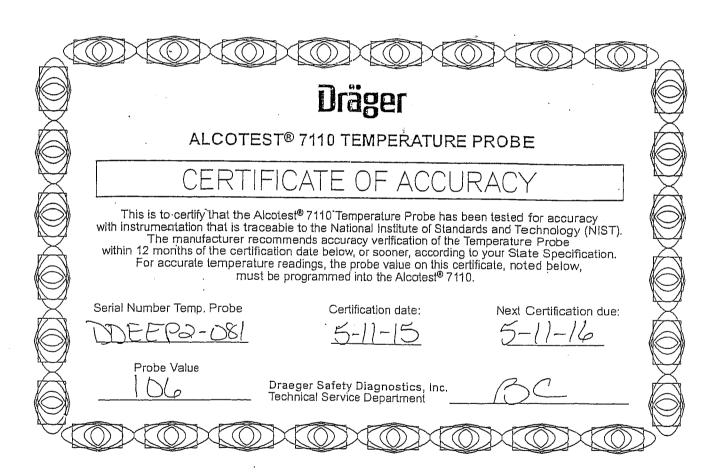
Dräger

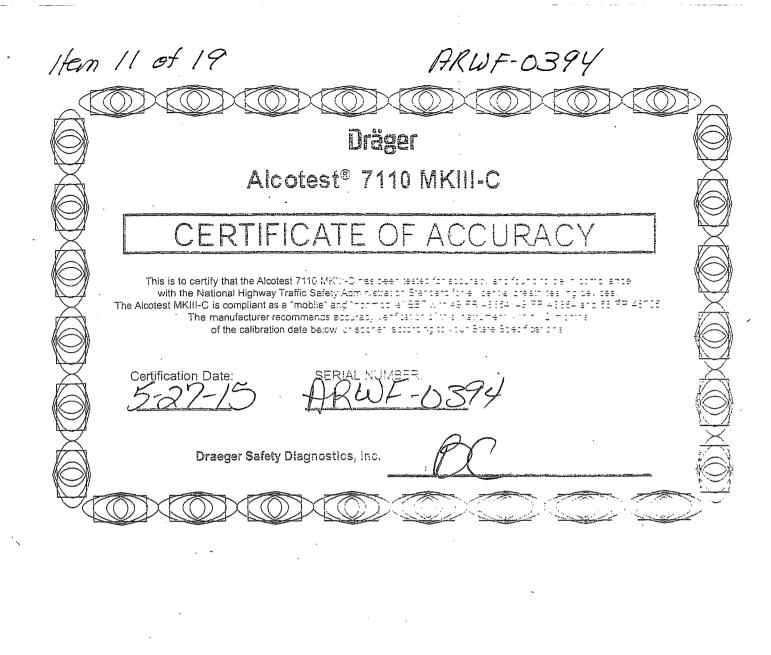
CERTIFICATE OF ACCURACY

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)

Model: ALCOTEST CU34 Model: MARK IIA		Serial Number:
Other:		DDRF53-0009
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	
Certification Date	Technician	Re-Certification Due Date
8-18-15	F)/100	8-18-16
	. /	•







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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)

Model: ALCOTEST® CU34 Model: MARK IIA Other:	. •	Serial Number:
Certification Date 3-12-15	Technician	Re-Certification Due Date 3-12-16

TRPD ARWF-0394



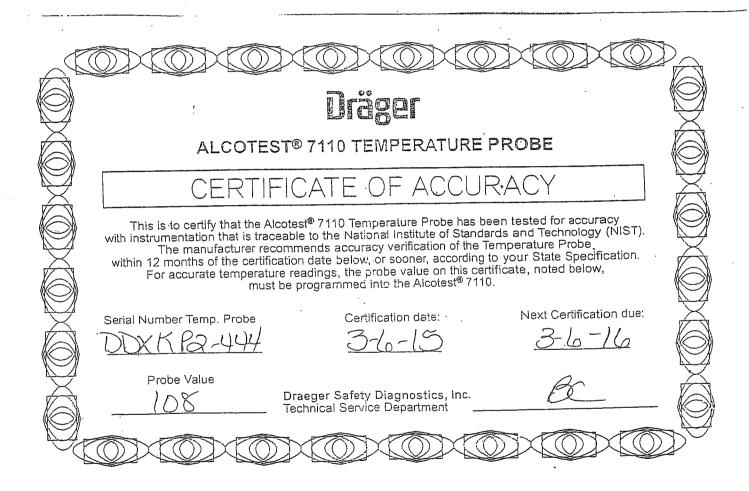
Dräger

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.

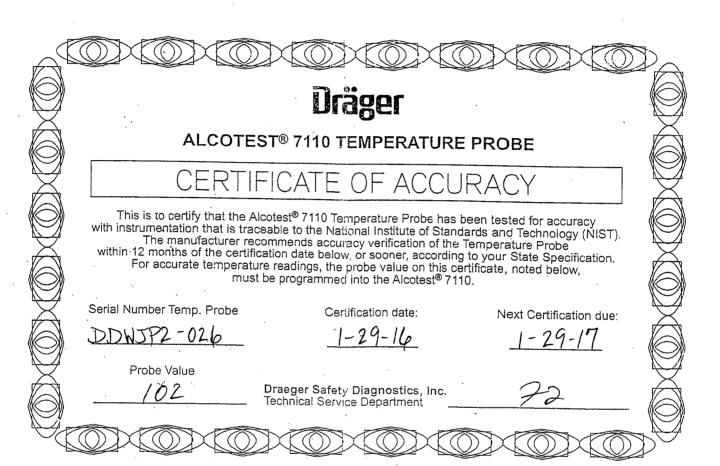
(F.R. Vol. 59 No. 249 12/19/94 Notices)

		©CU34	Serial Number: DWKS3-0387	
Certification Date Technician Re-Certification Due Date 2-1-16 2-1-7	Certification Date 2-/-/6	Technician	Re-Certification Due Date 2 - / - / 7	



Ikm 13 addendum

ARWF-0394



Han 14 of 19

Alcotest 7110 Calibration Record

Serial No.: ARWF-0394

Equipment Alcotest 7110 MKIII-C

Location: TOMS RIVER P.D.

Calibration File No.: 01324 Calib. Date: 10/02/2015 Calib. No.: 00032 Certification File No.: 01267 Cert. Date: 06/10/2015 Cert. No.: 00022 Lin. No.: Linearity File No.: 01268 Lin. Date: 06/10/2015 00022 Solution File No.: 01323 Soln. Date: 09/28/2015 Soln. No.: 00208

Sequential File No.: 01324 File Date: 10/02/2015

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAN-0040 Control Solution %: 0.100% Expires: 08/17/2017

Solution Control Lot: 15H143 Bottle No.: 0588

Coordinator

Last Name: DELLANOCE First Name: JOSEPH MI: S

Badge No.: 6027
Date: 10/02/2015

*Black Key Temperature Probe Serial.....# DDEEP2-081

*Digital NIST Temperature Measuring System Serial.....# 130754753

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Institucior. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 71:10," as established by the Chief Forensic Scientist of the Division of State Rolice; 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.

14cm 15 of 19 Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Location:	Alcotest 7110 MKIII-C TOMS RIVER P.D.		Serial No.: ARWF-0394
Calibration File No.:	01324	Calib. Date: 10/02/2015	Calib. No.: 00032
Certification File No.:	01325	Cert. Date: 10/02/2015	Cert. No.: 00023
Linearity File No.:	01268	Lin. Date: 06/10/2015	Lin. No.: 00022
Solution File No.:	01323	Soln. Date: 09/28/2015	Soln. No.: 00208
Sequential File No.:	01325	File Date: 10/02/2015	
Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDAN-0040
Control Solution %:	0.100%		Expires: 08/17/2017
Solution Control Lot:	15H143		Bottle No.: 0588
Function	Result	Time Temperature	Comment(s)
	%BAC	HH:MM Simulator (°C	c) or Error(s)
Ambient Air Blank	0.000%	11:32D	
Control 1 EC	0.099%	11:33D 34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:33D 34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:33D	
Control 2 EC	0.099%	11:34D 34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:34D 34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:34D	
Control 3 EC	0.099%	11:35D 34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:35D 34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:36D	

All tests within acceptable tolerance

Coordinator

Last Name: DELLANOCE

MI: S

Signature:

Badge No.: 602 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 7/170" 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.

Hem 16 of 19 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.:	01324		Calib. Date: Cert. Date: Lin. Date: Soln. Date: File Date:	10/02/2015 10/02/2015 10/02/2015 09/28/2015 10/02/2015	Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00023 00023
bequential 1 no 110	0.1020		i no Baio.	10/02/2015		
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 15H141		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDAE-0017 08/11/2017 0724
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 15H142	,	Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDRK S3-0005 08/13/2017 0938
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 15H144		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDRF S3-0009 08/19/2017 0493
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or E	rror(s)
Ambient Air Blank		0.000%	11:48D	0.4.00	delete management	D. A. COTT. D. allesteds
Control 1 EC		0.041%	11:49D	34.1°C		PASSED ***
Control 1 IR		0.041%	11:49D	34.1°C	*** TEST	PASSED ***
Ambient Air Blank Control 2 EC		0.000% 0.041%	11:50D 11:51D	34.1°C	***	PASSED ***
Control 2 IR		0.041%	11:51D 11:51D	34.1°C		PASSED ***
Ambient Air Blank		0.040%	11:51D 11:52D	J4.1 C	11791	ASSED
Control 3 EC		0.080%	11:52D 11:53D	34.0°C	*** TP2T	PASSED ***
Control 3 IR		0.079%	11:53D	34.0°C		PASSED ***
Ambient Air Blank		0.000%	11:54D	00		
Control 4 EC		0.080%	11:55D	34.0°C	*** TEST	PASSED ***
Control 4 IR		0.080%	11:55D	34.0°C		PASSED ***
Ambient Air Blank		0.000%	11:56D			
Control 5 EC		0.160%	11:57D	34.0°C	*** TEST	PASSED ***
Control 5 IR		0.160%	11:57D	34.0°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	11:58D			
Control 6 EC		0.160%	11:59D	34.0°C		PASSED ***
Control 6 IR		0.161%	11:59D	34.0°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	12:00D			

All tests within acceptable tolerance.

Coordinator

Last Name: DELLANOCE

SGT. \$ Jul # 6027

First Name: JOSEPH

MI: S

Badge No.: 6027

Date: 10/02/2015

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*PRWF・*5394 Calibrating Unit

Sq. # 209

New Standard Solution Report

16.2.15

Alcotest 7110 MKIII-C TOMS RIVER P.D. 01324 01325 01326 01327 01327	Cert. Date: Lin. Date:	10/02/2015 10/02/2015	Serial No.: ARWF-0394 Calib. No.: 00032 Cert. No.: 00023 Lin. No.: 00023 Soln. No.: 00209
WET 0.100% 15B137	Model No.:	CU-34	Serial No.: DDAN-0040 Expires: 02/11/2017 Bottle No.: 0906
Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
0.100% 0.100%	13:06D 13:06D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
0.100% 0.100%	13:07D 13:07D 13:07D 13:08D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
0.100% 0.100% 0.000%	13:09D 13:09D 13:09D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
	TOMS RIVER P.D. 01324 01325 01326 01327 01327 WET 0.100% 15B137 Result %BAC 0.000% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100% 0.100%	TOMS RIVER P.D. 01324	TOMS RIVER P.D. 01324

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.

Temperati	ure Probe Serial N	Number: $_$	DXKP2-49	79	<i>JsO</i>
Changed B	sy:				0
Last Name: D	ELLANOCE	_	First Name: JOSEPH		MI: S
Signature:	SET.	15 Dudt	# 6027	Badge No.: Date:	6027 10/02/2015
		7	,	-	

Hem 17 addendum

BRWF-0394 Sol, 215

Calibrating Unit

New Standard Solution Report

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.:	01324 01325 01326 01374 01374		Calib. Date Cert. Date: Lin. Date: Soln. Date: File Date:	10/02/2015	Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00023 00023
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 15D138		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDWK S3-0387 04/13/2017 0218
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)		
Ambient Air Blank		%BAC 0.000%	HH:MM 13:40S	Simulator (°C)		ror(s)
Control 1 EC				Simulator (°C) 33.9°C	or Er	ror(s)
Control 1 EC Control 1 IR		0.000% 0.100% 0.101%	13:40S	, ,	or Er *** TEST F	ror(s) PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank		0.000% 0.100% 0.101% 0.000%	13:40S 13:41S	33.9°C	or Er *** TEST F	ror(s)
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		0.000% 0.100% 0.101% 0.000% 0.100%	13:40S 13:41S 13:41S 13:42S 13:42S	33.9°C 33.9°C	or Er *** TEST F *** TEST F	ror(s) PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		0.000% 0.100% 0.101% 0.000% 0.100% 0.101%	13:40S 13:41S 13:41S 13:42S 13:42S 13:42S	33.9°C 33.9°C	or Er *** TEST F *** TEST F	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.100% 0.101% 0.000% 0.100% 0.101% 0.000%	13:40S 13:41S 13:41S 13:42S 13:42S 13:42S 13:42S	33.9°C 33.9°C 33.9°C 33.9°C	or Er *** TEST F *** TEST F	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% 0.100% 0.101% 0.000% 0.100% 0.101% 0.000% 0.102%	13:40S 13:41S 13:41S 13:42S 13:42S 13:42S 13:43S 13:44S	33.9°C 33.9°C 33.9°C 33.9°C	or Er *** TEST F *** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED *** PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.100% 0.101% 0.000% 0.100% 0.101% 0.000%	13:40S 13:41S 13:41S 13:42S 13:42S 13:42S 13:42S	33.9°C 33.9°C 33.9°C 33.9°C	or Er *** TEST F *** TEST F *** TEST F *** TEST F	PASSED *** PASSED *** PASSED *** PASSED ***

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in acordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: _	DD4JPZ-026 (KA)		_
Changed By:			
Last Name: ALCOTT	First Name: KEVIN		MI: W.
Signature: TPF- I K W.	9 #6704	Badge No.: 6704 Date: 02/09/2016	

14em 18 of 19

CHRIS CHRISTIE

KIM GUADAGNO

Lt. Governor

- Governor



ARWF. 0394

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 (609) 882-2000 JOHN J. HOFFMAN
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: 3/12/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15B137

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 to 0.1221 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 11, 2017.

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 lb^{d} day of $\gamma \gamma \approx 1$, 2015

Notary

MARY ELIZABETH MCLAUGHLIN

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



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New Jersey is An Equal Opportunity Employer Frinted on Recycled Paper and Recyclable



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PRWF-0394

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