Alcotest 7110 Calibration Record

MI: W.

Equipment Alcotest 7110 MKIII-C Serial No.: ARXB-0076 Location: SPRING LAKE POLICE Calibration File No.: 00168 Calib. Date: 07/23/2013 Calib. No.: 00012 Certification File No.: 00157 Cert. Date: 02/21/2013 Cert. No.: 00010 Linearity File No.: 00158 Lin. Date: 02/21/2013 Lin. No.: 00010 Solution File No.: 00167 Soln. Date: 07/21/2013 Soln. No.: 00074 Sequential File No.: 00168 File Date: 07/23/2013 Calibrating Unit: WET Model No.: CU-34 Serial No.: DDYB S3-0002 Control Solution %: 0.100% Expires: 12/26/2014 Solution Control Lot: 12L109 Bottle No.: 0426 Coordinator Last Name: DENNIS First Name: MARC Badge No.: 5925 Signature: Date: 07/23/2013

> (iv) *Black Key Temperature Probe Serial.....# DDX \ (FU) *Digital NIST Temperature Measuring System Serial.....# 122172162

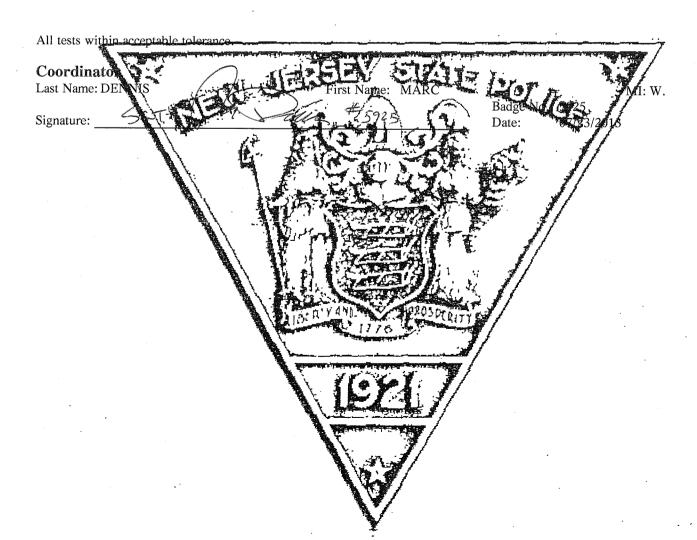


Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In any official capacity, and consistent with "Calibration Check Procedure for Alcotest 7-110." as established by the Chief Forensic Scientist of the Division of State 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 I - Control Tests

Equipment Location:	Alcotest 7110 MKI SPRING LAKE PC			Serial No.: ARXB-0076
Calibration File No.:			Date: 07/23/2013	Calib. No.: 00012
Certification File No.:	00169	Cert. 1	Date: 07/23/2013	Cert. No.: 00011
Linearity File No.:	00158	Lin. D	Pate: 02/21/2013	Lin. No.: 00010
Solution File No.:	00167	Soln.	Date: 07/21/2013	Soln. No.: 00074
Sequential File No.:	00169	File D	ate: 07/23/2013	
Calibrating Unit:	WET	Model	No.: CU-34	Serial No.: DDYB S3-0002
Control Solution %:	0.100%			Expires: 12/26/2014
Solution Control Lot:	12L109			Bottle No.: 0426
Function	Resu	ılt Time	Temperature	Comment(s)
		. ~ **** * **	(OC)	- ()
	%B	AC HH:MI	M Simulator (°C)	or Error(s)
Ambient Air Blank	%BA 0.00			or Error(s)
Control 1 EC	0.00 0.09	11:20D 19% 11:20D	34.0°C	or Error(s) *** TEST PASSED ***
Control 1 EC Control 1 IR	0.00	11:20D 19% 11:20D	34.0°C	
Control 1 EC Control 1 IR Ambient Air Blank	0.00 0.09	00% 11:20D 19% 11:20D 19% 11:20D	34.0°C 34.0°C	*** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC	0.00 0.09 0.09	00% 11:20D 19% 11:20D 19% 11:20D 10% 11:21D	34.0°C 34.0°C	*** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR	0.00 0.09 0.09 0.00	00% 11:20D 9% 11:20D 9% 11:20D 0% 11:21D 0% 11:22D	34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank	0.00 0.09 0.09 0.00 0.00	11:20D 19% 11:20D 19% 11:20D 19% 11:21D 10% 11:22D 8% 11:22D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC	0.00 0.09 0.09 0.00 0.09	11:20D 19% 11:20D 19% 11:20D 11:21D 11:22D 8% 11:22D 0% 11:22D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank	0.00 0.09 0.09 0.00 0.09 0.09	11:20D 19% 11:20D 11:20D 11:20D 11:21D 11:22D 11:22D 11:22D 11:23D 11:23D	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***



Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Location:	Alcotest 7110 SPRING LAK				Serial No.:	ARXB-0076
Calibration File No.:	00168			e: 07/23/2013	Calib. No.:	
Certification File No.:	00169 00170			07/23/2013	Cert. No.:	
Linearity File No.: Solution File No.:	00170		Lin. Date:	07/23/2013 : 07/21/2013	Lin. No.: Soln. No.:	00011 00074
Sequential File No.:	00170		File Date:	07/23/2013	30III. 1NO.:	00074
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			I II Dulo.	0.72072012		
Calibrating Unit:	WET		Model No.	: CU-34	Serial No.:	DDXD S3-0186
Control Solution %:	0.040%				Expires:	08/24/2014
Solution Control Lot:	12H104				Bottle No.:	0277
Calibrating Unit:	WET		Model No.	: CU-34	Serial No.:	DDXD S3-0188
Control Solution %:	0.080%				Expires:	08/27/2014
Solution Control Lot:	12H105				Bottle No.:	
	** 777170		7	GTT Q /		
Calibrating Unit: Control Solution %:	WET 0.160%		Model No.	: CU-34		DDXD S3-0191
Solution Control Lot:	12I106				Expires: Bottle No.:	09/10/2014
Solution Control Lot.	121100				bottle No.:	1001
Function		Result	Time	Temperature		ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
Ambient Air Blank		0.000%	11:38D			
Control 1 EC		0.041%	11:39D	34.0°C	*** TEST P	
Control 1 IR		0.040%	11:39D	34.0°C	*** TEST P	'ASSED ***
Ambient Air Blank Control 2 EC		0.000% 0.040%	11:40D 11:41D	34.0°C	ቀቀቀ <u>ጥርር</u> ጥ ከ	ላ ርርርርን ቀቀቀ
Control 2 IR		0.040%	11:41D 11:41D	34.0°C	*** TEST P *** TEST P	
Ambient Air Blank		0.039% $0.000%$	11:41D 11:42D	34.0 C	TTT IESI P	ASSED ***
Control 3 EC		0.080%	11:42D 11:43D	34.0°C	*** TEST P	Δ \$\$\$ED ***
Control 3 IR		0.079%	11:43D	34.0°C	*** TEST P	
Ambient Air Blank		0.000%	11:44D	51.0 0	11301 1	INSELD
Control 4 EC		0.079%	11:45D	34.0°C	*** TEST P	ASSED ***
Control 4 IR		0.079%	11:45D	34.0°C	*** TEST P	
Ambient Air Blank	(0.000%	11:46D			
Control 5 EC		0.157%	11:47D	34.0°C	*** TEST P	ASSED ***
Control 5 IR	(0.156%	11:47D	34.0°C	*** TEST P	ASSED ***
Ambient Air Blank		0.000%	11:49D			
Control 6 EC		0.155%	11:49D	34.0°C	*** TEST P	
Control 6 IR		0.156%	11:49D	34.0°C	*** TEST P.	ASSED ***
Ambient Air Blank	(0.000%	11:51D			

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

Badge No.: 5925

Date: 07/23/2013

MI: W.

Calibrating Unit New Standard Solution Report

Equipment Location:	Alcotest 7110 MKIII-C SPRING LAKE POLICE			Serial No.: ARXB-0076
Calibration File No.:	00168	Calib. Date	e: 07/23/2013	Calib. No.: 00012
Certification File No.:	00169	Cert. Date:		Cert. No.: 00011
Linearity File No.:	00170	Lin. Date:	07/23/2013	Lin. No.: 00011
Solution File No.:	00171	Soln. Date:		Soln. No.: 00075
Sequential File No.:	00171	File Date:	07/23/2013	
Calibrating Unit:	WET	Model No.	: CU-34	Serial No.: DDYB S3-0002
Control Solution %:	0.100%			Expires: 11/23/2013
Solution Control Lot:	11K096			Bottle No.: 0977
Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:56D		
Control 1 EC	0.100%	12:57D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:58D		
Control 2 EC	0.099%	12:58D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:58D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:59D	•	
Control 3 EC	0.099%	13:00D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01D		

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.

•			
Tommorature Deale Carriel No. 1	2011	00 11	(Can)
Temperature Probe Serial Number:	DUXA	XZ = IXI	(4)
		101/1	

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature:

19 Veria

Badge No.: 5925 Date: 07/23

07/23/2013



Dräger

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

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

Draeger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34 O Model: MARK IIA O Other:	ł	Serial Number: DDXD 53-018
Certification Date	Technician	Re-Certification Due Date
2-6-13	BC	2-6-14



Irager

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

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

Draeger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34 O Model: MARK IIA O Other:		Serial Number: DDXD S3-C/88
Certification Date $2-5-13$	Technician	Re-Certification Due Date 3-5-14



Dräger

Serial Number:

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

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

Draeger Safety Diagnostics, Inc.

Ø Model: ALCOTEST® CU34

Model: MARK IIA
 Other: _____

	Certification Date	Technician	Re-Certification Due I	Date
and the first of constraints.				
	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	The Address of the Control of the Co		1
	ALCOT	EST® 7110 TEMPERATUR	E PROBE	
	CERT	IFICATE OF ACCL	JRACY	
	The manufacturer n within 12 months of the certi For accurate temperar	Alcotest® 7110 Temperature Probe has aceable to the National Institute of Standecommends accuracy verification of the fication date below, or sooner, according ture readings, the probe value on this cast be programmed into the Alcotest® 711	Temperature Probe g to your sate Specification.	
S	Serial Number Temp. Probe	Certification date:	Next Certification due:	
I	DDXKP2-323	02/05/13	02/05/14	
	Probe Value			
_	103	Draeger Safety Diagnostics, Inc. Technical Service Department	SY	
(()) XXX (O) YY (O)	THE TOTAL PROPERTY OF THE PARTY		



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



Cert. No.: 4000-4269971

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: 122172162

Manufacturer: Control Company

Standards/Equipment:

<u>Description</u> Temperature Calibration Bath TC-275	Serial Number A9A237	<u>Due Date</u>	NIST Traceable Reference
Digital Thermometer	B16815	6/06/12	B1606038
PRT Temperature Probe	01641	5/28/12	B1526085
Temperature Calibration Bath TC-256	B01375		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-BL72N-1-1
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-BN9WZ-27-1

Certificate Information:

Technician: 68

Procedure: CAL-06

Cal Date: 3/30/12

Cal Due: 3/30/14

Test Conditions:

23.0°C

44.0 %RH 1012 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.000	-0.002	Y	-0.050	0.050	0.013	3.8:1
°C		N.A.		25.001	24.999	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		60.000	60.000	Y	59.950	60.050	0.018	12.8 1
°C		N.A.		100.001	100.001	Y	99.951	100.051	0.018	2.8:1

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Micol Rodriguez, Quality Manager

Wallace Berry Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 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, Cartificate No. 1750.01, Control Company is ISO 9001:2008 Quality Cartified by (DNV) Det Norske Veritas, Cartificate No. CERT-01805-2006-AQ-HOU-ANAB.

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



State of New Jersey Office of the Attorney General

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

JEFFREY S. CHIESA
Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

Governor
KIM GUADAGNO

Lt. Governor

CHRIS CHRISTIE

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.

MAN UFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 1/17/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12L109

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>0.1238</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 <u>December 26</u>, 2014.

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 /8

8 day of

January, 20

Notary

Linds L. Doserille Natury Public, New Jersey My Commission Replace 6-17-14



"An Internationally Accredited Agency"





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 JEFFREY S. CHIESA
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.

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

ANALYSIS DATE: 9/26/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H104

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>0.0487</u> to <u>0.0491</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 24</u>, 2014.

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.

Alí M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworp-to and subscribed before me this

_day of OCT

2012

Notary

Units I, Desants Hatery Public. Harr Jacoby My Commission Designs 6-17-14

"An Internationally Accredited Agency"





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

JEFFREY S. CHIESA Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

CERTIFICATION OF ANALYSIS 0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 9/27/2012

RREATHALCOHOL SIMULATOR SOLUTION LOT NUMBER: EH105

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>0.0967</u> to <u>0.0976</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 August 27, 2014.

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

Sworp to and subscribed before me this

CHRIS CHRISTIE

Governor

KIM GUAD A GNO

Lt. Governor



"An Internationally Accredited Agency"





State of New Hersey 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

JEFFREY S. CHIESA Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

Governor KIM GUADAGNO Lt. Governor

CHRIS CHRISTIE

CERTIFICATION OF ANALYSIS 0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 121106

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known aceable 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 10, 2014.

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.

> M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

day of Octuber 2012.



"An Internationally Accredited Agency"





State of New Jersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor

OFFICE OF THE ATTORNEY GENERAL. DEPARTMENT OF LAW AND PUBLIC SAFETY DIVISION OF STATE POLICE Post Office Box 7068 West Trenton NJ 08628-0068 (609) 882-2000

PAULA T. Dow 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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 12/16/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11K096

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1217 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. 13:51-3.4, 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 23, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

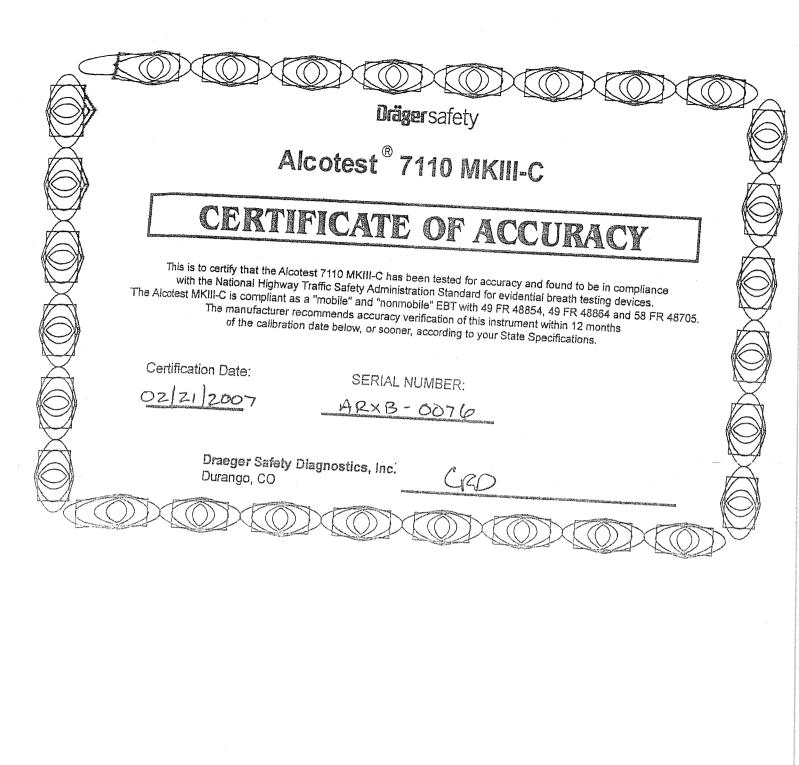
> Kenneth W. Kawalek, M.S. Assistant Chief Forensic Scientist

Division of State Police

Sworn to and subscribed before me this









Dräger

Serial Number:

Re-Certification Due Date

4-4-14

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

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

Draeger Safety Diagnostics, Inc.

Technician

Model: ALCOTEST® CU34

Other: _____

O Model: MARK IIA

Certification Date

	,	
	Dräger	
ALCOTEST	® 7110 TEMPERATUR	E PROBE
CERTIFIC	CATE OF ACCU	JRACY
with instrumentation that is traceab The manufacturer recomr within 12 months of the certificatio For accurate temperature re	mends accuracy verification of the	dards and Technology (NIST). Temperature Probe of to your State Specification. Pertificate, noted below.
Serial Number Temp. Probe	Certification date:	Next Certification due:
		21 11 111
DDXA Pa-117	4-4-13	4-4-14
Probe Value	eger Safety Diagnostics, Inc.	3-4-19 3-60

DEPARTI ATT THE	mentof ublic whip that Saf
THE STILL STREET	with the Oafet
Maro W New Jessey	Dennis State Police
THE LANG OF HEM WHAT CHEMICAL THE CONDUCT CHANGE IN	Test Coordinator/Instructor
A METHOD TO DETEXABLE INTODOCATION OLIVEN UNDEX SIT HAND AT TREDITOR, NEW MEXIDOCALID THIS TRECULAND AND	Sth ara November Eight
SUPERINTENDENT NEW JELIEV TATE POLICE	ATTOMPY CENTRAL HATTOMPY CENTRAL

1,	DATE	Refresher Course PLACE	INSTRUCTOR
2.			
3			
4.			
5.			
â			
7,	-		
3.			

4 _ -/- DEPARTMENT OF

ALLI FILLES

THE STREET STATE POLICE

DEPARTMENT OF

ATTORNEY GENERAL

DEPARTMENT OF

ATTORNEY GENERAL

DEPARTMENT OF

ATTORNEY GENERAL

ORIGINAL COURSE	dates <u>8/18</u>	8 - 8/22/97
	Refresher Course	•
1. 11/15/99	O.C.P.A.	Cambria
2/1-14.24	age :	Ex Françase
1.10.6.05	ACTC +	- Color
5.11-14-07	OCPA	CPOTTES
6		
7		
8		
9		
SP-293B (Rev. 4/00)		

· · · · · · · · · · · · · · · · · · ·
DEPARTMENT OF
note and Aublic Saf
गतिया विमेश के क व्यक्ति में कि वर्ष
THE FT.
Marchy Dennis
New Jerstate Folice
H QUALIFIED AND COMPETENT TO COMPACT CHEMICAL MANUAL MANUAL PROPERTY IN DEP
THE LAWS OF IND IN THE OPERATION OF THE ALCO TEST 7110 MK III-C
DIVEN UNDER MY HAND AT TRENTON, NEW PRISETTON 30th DAY OF APRIL
Two THOUSAND Eight
- for the De like
ATTORNEY ORNEAL MEW JERSEY STATE POLICE STATE OF WEW JERSEY

ORIGINAL COURSE DATES		12/1/2005
DATE 1. 12-19-07 2 3/12/09 2: 2-10-11	Retresher Course PLACE Ocean Co. PA MORKIS CO. PA SAYKKUIU 4 FO	INSTRUCTOR Potter M. Russ A In
б.		
6.	:	
7.	-	
â,		
g		