Alcotest 7110 Calibration Record

Serial No.: ARXB-0076

Equipment Alcotest 7110 MKIII-C Location: SPRING LAKE POLICE

Calibration File No.: 00184 Calib. Date: 01/10/2014 Calib. No.: 00013 Certification File No.: 00169 Cert. Date: 07/23/2013 Cert. No.: 00011 Linearity File No.: 00170 Lin. Date: 07/23/2013 Lin. No.: 00011 Solution File No.: 00183 Soln. Date: 01/03/2014 Soln. No.: 00081

Sequential File No.: 00184 File Date: 01/10/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDYB S3-0001 Control Solution %: 0.100% Expires: 02/13/2015 Solution Control Lot: 13B110 Bottle No.: 0038

Coordinator

Last Name: DENNIS First Name: MARC MI: W.

Signature: SGT. Badge No.: 5925
Date: 01/10/2014

*Black Key Temperature Probe Serial.....# DDXK 92-3

*Digital NIST Temperature Measuring System Serial.....# 122 172 162

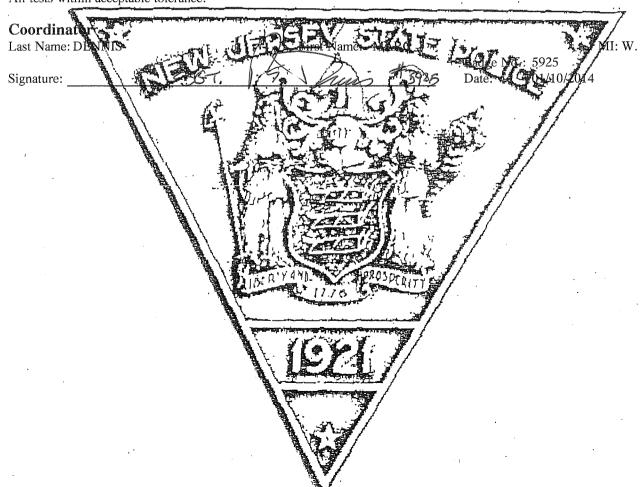
appointed Breath Test Coordinator/Instructor In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 110 as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochernical analysis, when of fixed in a single approved instrument as a dual system of chemical breath testing consistent with the current "Calibration Check Procedure for Alcotest 710, as established by Chief Forensic Scientist, I performed a Calibration Check on the approved instrum doin this certificate. The results of my Calibration Check are recorded on this certification nsists of two parts on two pages: Part I - Control Tests; and Part II - Limearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of made by me are wilfully false, I am subject to punishment.

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Location:	Alcotest 7110 I SPRING LAKE				Serial No.: ARXB-0076
Calibration File No.:	00184		Calib. Date	: 01/10/2014	Calib. No.: 00013
Certification File No.:	00185		Cert. Date:	01/10/2014	Cert. No.: 00012
Linearity File No.:	00170		Lin. Date:	07/23/2013 -	Lin. No.: 00011
Solution File No.:	00183		Soln. Date:	01/03/2014	Soln. No.: 00081
Sequential File No.:	00185		File Date:	01/10/2014	•
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.: DDYB S3-0001
Control Solution %:	0.100%		•		Expires: 02/13/2015
Solution Control Lot:	13B110				Bottle No.: 0038
		. .		m	
Function · · ·		Result	Time	Temperature	Comment(s)
Function · · ·		Result %BAC	Time HH:MM	Temperature Simulator (°C)	or Error(s)
Ambient Air Blank					
•		%BAC	HH:MM		
Ambient Air Blank		%BAC 0.000%	HH:MM 11:13S	Simulator (°C)	or Error(s)
Ambient Air Blank Control 1 EC		%BAC 0.000% 0.100%	HH:MM 11:13S 11:14S	Simulator (°C) 34.0°C 34.0°C	or Error(s) *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR		%BAC 0.000% 0.100% 0.100%	HH:MM 11:13S 11:14S 11:14S	Simulator (°C) 34.0°C	or Error(s) *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.100% 0.000%	HH:MM 11:13S 11:14S 11:14S 11:15S	Simulator (°C) 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC	,	%BAC 0.000% 0.100% 0.100% 0.000% 0.097%	HH:MM 11:13S 11:14S 11:14S 11:15S 11:15S	Simulator (°C) 34.0°C 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		%BAC 0.000% 0.100% 0.100% 0.000% 0.097% 0.099%	HH:MM 11:13S 11:14S 11:14S 11:15S 11:15S 11:15S	Simulator (°C) 34.0°C 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.100% 0.000% 0.097% 0.099% 0.000%	HH:MM 11:13S 11:14S 11:14S 11:15S 11:15S 11:15S 11:16S	Simulator (°C) 34.0°C 34.0°C 34.0°C 34.0°C	or Error(s) *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***

All tests within acceptable tolerance.



Alcotest 7110 Calibration Certificate Part II - Linearity Tests

Equipment Location:	Alcotest 7110 SPRING LAK					ARXB-0076
Calibration File No.:	00184			e: 01/10/2014	Calib. No.:	
Certification File No.:			Cert. Date:	01/10/2014 01/10/2014	Cert. No.: Lin. No.:	00012 00012
Linearity File No.: Solution File No.:	00186 00183		Lin. Date: Soln. Date:		Soln. No.:	
Sequential File No.:	00185		File Date:	01/10/2014	30111. 140	00001
sequential The No	00100		The Date.	01/10/2014		
Calibrating Unit:	WET		Model No.	: CU-34		DDXD S3-0186
Control Solution %:	0.040%				Expires:	08/24/2014
Solution Control Lot:	12H104				Bottle No.:	0606
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.:	0157
Calibrating Unit:	WET		Model No.	· CU-34	Serial No.:	DDXD S3-0191
Control Solution %:	0.160%		11100011101		Expires:	09/10/2014
Solution Control Lot:	12I106				Bottle No.:	
201401011						
Function		Result	Time	Temperature		ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
Ambient Air Blank		0.000%	11:29S			
Control 1 EC		0.043%	11:29S	34.0°C		PASSED ***
Control 1 IR		0.040%	11:29S	34.0°C	*** TEST F	PASSED ***
Ambient Air Blank		0.000%	11:31S			A GOTTO ALLE
Control 2 EC		0.041%	11:32S	34.0°C		PASSED ***
Control 2 IR		0.039%	11:32S	34.0°C	*** TEST F	ASSED ***
Ambient Air Blank		0.000%	11:34S	22.000	duluk melem e	A CCET dedute
Control 3 EC		0.081%	11:35S	33.9°C		ASSED ***
Control 3 IR		0.079%	11:35S	33.9°C	*** 1ES1 P	ASSED ***
Ambient Air Blank		0.000% 0.079%	11:37S	34.0°C	*** TEST P	A CCCT) ***
Control 4 EC		0.079%	11:37S 11:37S	34.0°C	*** TEST P	
Control 4 IR Ambient Air Blank		0.000%	11:37S 11:39S	34.0 C	TEST F	ASSED """
Control 5 EC		0.000%	11:39S 11:40S	34.0°C	*** TEST P	A CCED ***
Control 5 IR		0.159%	11:40S 11:40S	34.0°C	*** TEST P	
Ambient Air Blank		0.138%	11:40S 11:42S	J4.0 C	··· iroi r	ADDED
Control 6 EC		0.000%	11:42S	34.0°C	*** TEST P	ASSED ***
Control 6 IR		0.158%	11:42S	34.0°C	*** TEST P	
Ambient Air Blank		0.138%	11:42S 11:44S	J-7.0 C	112011	INDITION
AUDICIII AII DIAIK		0.00070	11.770			

All tests within acceptable tolerance.

Coor	

Last Name: DENNIS

First Name: MARC

Badge No.: 5925

MI: W.

Date:

01/10/2014

Calibrating Unit New Standard Solution Report

Equipment Location:	Alcotest 7110 N SPRING LAKE				Serial No.:	ARXB-0076
Calibration File No.:	00184		Calib. Date	: 01/10/2014	Calib. No.:	00013
Certification File No.:	00185		Cert. Date:	01/10/2014	Cert. No.:	00012
Linearity File No.:	00186	•	Lin. Date:	01/10/2014	Lin. No.:	00012
Solution File No.:	00187		Soln. Date:	01/10/2014	Soln. No.:	00082
Sequential File No.:	00187		File Date:	01/10/2014		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDYB S3-0001
Control Solution %:	0.100%				Expires:	06/17/2015
Solution Control Lot:	13F114				Bottle No.:	0708
Function	· F	Result	Time	Temperature	Comr	ment(s)
		%BAC	НН:ММ	Simulator (°C)	or Er	ror(s)
Ambient Air Blank	. 0	0:000%	12:50S			•
Control 1 EC	C	0.100%	12:50S	34.0°C	*** TEST P	'ASSED ***
Control 1 IR	0	0.099%	12:50S	34.0°C	*** TEST P	ASSED ***
Ambient Air Blank	0	0.000%	12:52S			
Control 2 EC	0	0.098%	12:52S	34.0°C	*** TEST P	ASSED ***
Control 2 IR	, , , , , , , , , , , , , , , , , , ,	0.100%	12:52S	34.0°C	*** TEST P	ASSED ***
Ambient Air Blank	0	0.000%	12:53S			
Control 3 EC	. 0	.098%	12:54S	34.0°C	*** TEST P	ASSED ***
Control 3 IR	0	.099%	12:54S	34.0°C	*** TEST P	ASSED ***
Ambient Air Blank	0	.000%	12:55S			

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 Nu	mber:DDXA P2-118		_
Changed By: Last Name: DENNIS	First Name: MARC		MI: W.
Signature: GGT.	19 Juis # 5925.	Badge No.: 5925 Date: 01/10/20	14



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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)

Draeger Safety Diagnostics, Inc.

	Model: ALCOTEST® CU34 O Model: MARK IIA O Other:		-	Serial Number: DDXD S3-0186
	Certification Date	Technicia	n	Re-Certification Due Date
	2-6-13	BC		2-6-14
S scale				



Tager

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: DDX D S3-C/88
Certification Date 2-5-13	Technician	Re-Certification Due Date



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.

Model: ALCOTEST® CU34

O Model: MARK IIA
O Other:

@ carried

Certification Date	Technician	Re-Certification Due I	Date
2-5-13		2-5-14	
	Contract of the Contract of th	· · · · · · · · · · · · · · · · · · ·	
ALCOTEST	T® 7110 TEMPERATUR	EPROBE	
CERTIFI	CATE OF ACCU	JRACY	
This is to certify that the Alcot with instrumentation that is traceat The manufacturer recomwithin 12 months of the certification For accurate temperature recommends.	est [®] 7110 Temperature Probe has ble to the National Institute of Star	s been tested for accuracy ndards and Technology (NIST). Temperature Probe go to your State Specification.	
Serial Number Temp. Probe	Certification date:	Next Certification due:	
DDXKP2-323	02/05/13	02/05/14	
Probe Value			
Dra	eger Safety Diagnostics, Inc. nnical Service Department	<u>5</u> Y	Ä
A CONTROLLED			





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



Cert. No.: 4000-426997 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:

-1				
Description	Serial Number	<u>Due Date</u>	NIST Traceable Reference	
Temperature Calibration Bath TC-275	A9A237			
Digital Thermometer	B16815	6/06/12	B1606038	
PRT Temperature Probe	01641	5/28/12		
Temperature Calibration Bath TC-256	B01375	3/20/12	B1526085	
Thermistor Module	A27129	10/31/12	1000200045	
Temperature Probe	157		1000306945	
Temperature Calibration Bath TC-179		11/13/12	6-BL72N-1-1	
	A45240			
Thermistor Module	A17118	2/01/13	1000311439	
Temperature Probe	128	2/14/13	6-BN9WZ-27-1	

Certificate Information:

Technician: 68 Test Conditions:

Procedure: CAL-06

23.0°C

44.0 %RH 1012 mBar

Cal Date: 3/30/12

Cal Due: 3/30/14

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	l ±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
°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 to approximate a 55 % commence rever, in contained containing and dated of rest results reming writing specified limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced to approximate a 55 % commenced limits married reduced limits and commenced limits and co

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

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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, Certificate No. 1750.01. Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate 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 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.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 3/6/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13B110

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>0.1234</u> to <u>0.1241</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 February 13, 2015.

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.

Alf M. Alaouie, Ph.D.

Research Scientist

NJSP Office of Forensic Sciences

Sworp to and subscribed before me this I the day of March, 201

Notary





"An Internationally Accredited Agency"





State of New Jersey
Office of the Attorney General
Chris Christie
Department of Law and Public Sans

Governor

KIM GUADAGNO

Lt. Governor

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.

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, 2014</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.

Alí M. Alaouie, Ph.D.

Research Scientist

NJSP Office of Forensic Sciences

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day of Actules

2012

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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

WEST 1 RENTON, 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.

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

ANALYSIS DATE: 9/27/2012

PREATM ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H195

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 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

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the day of otules

2012

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Undo L Oceanilo History Palifie, Ham Jamey My Commission Septem 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

KIM GUADAGNO Lt. Governor

CHRIS CHRISTIE

Governor

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 AI COHOL SIMULATOR SOLUTION LUTTURIDER: 121100

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.

> Alí M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

day of Octuber , 2012.



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE POST OFFICE BOX 7068

WEST TRENTON, NJ 08628-0068 (609) 882-2000 JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

KIM GUADAGNO

Li. Governor

CHRIS CHRISTIE

Governo

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: 7/15/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13F114

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>0.1204</u> to <u>0.1220</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 June 17, 2015.

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. Álaouie, Ph.D.

Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this \int_{0}^{c}

devices

2013

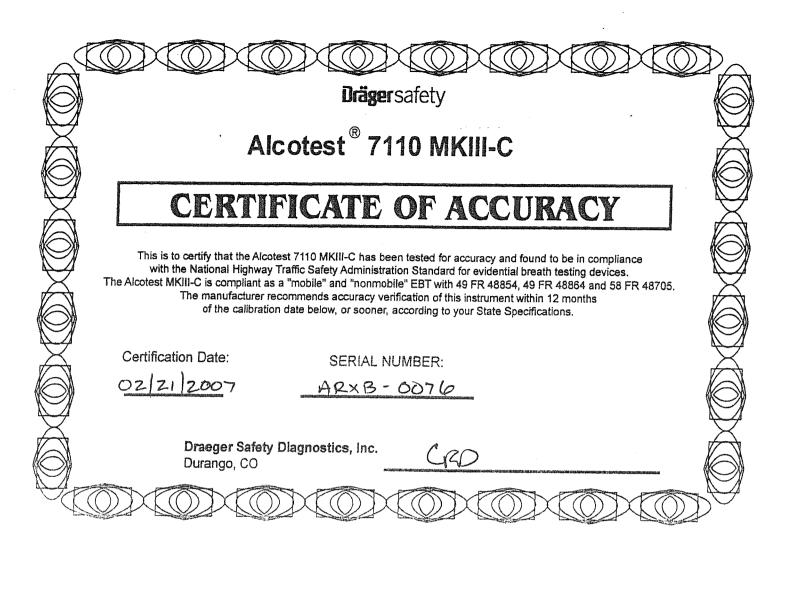
Notary

Linele I. Deservite Metarly Public, New Jersey My Commission Expires 8-17-14



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Dräger

Serial Number:

Re-Certification Due Date

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

Ø Model: ALCOTEST® CU34

O Model: MARK IIA
Other:

Certification Date

		Dräger		
	ALCOTE	ST® 7110 TEMPERATURE	PROBE	
	CERTI	FICATE OF ACCU	RACY	
		Alcotest® 7110 Temperature Probe has be		
	with instrumentation that is tra	ceable to the National Institute of Standa	emperature Probe	
	within 12 months of the certification	re readings, the probe value on this cell	ificate, noted below,	
	mus	t be programmed into the Alcotest [®] 7110		
X	Serial Number Temp. Probe	Certification date:	Next Certification due:	
	DDXA P2-118	10 22.13	10-22-14	
	Probe Value			
	_102	Draeger Safety Diagnostics, Inc. Technical Service Department		

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ORIGINAL COL	WOL DATES	12/1/2005
DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-19-07	Ocean Co. PA	Potter
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