Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C

Serial No.: ARXA-0037

Calib. No.: 00021

Cert. No.: 00013

Lin. No.: 00013

Soln. No.: 00166

Location:

WALL TOWNSHIP POLICE

Calibration File No.: Certification File No.: 00900

01004

Linearity File No.: 00901 Solution File No.: 00998 01004

Sequential File No.:

Calibrating Unit:

WET

Control Solution %: 0.100% Solution Control Lot: 13B110

Model No.: CU-34

Lin. Date:

File Date:

Calib. Date: 02/10/2014

Cert. Date: 08/28/2013

Soln. Date: 01/30/2014

08/28/2013

02/10/2014

Serial No.: DDXB S3-113 Expires: 02/13/2015

Bottle No.: 0028

Coordinator

Signature:

Last Name: DENNIS

First Name: MARC

Badge No.: 5925

Date:

02/10/2014

MI: W.

*Black Key Temperature Probe Serial....#

DDXK

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

130 754 749

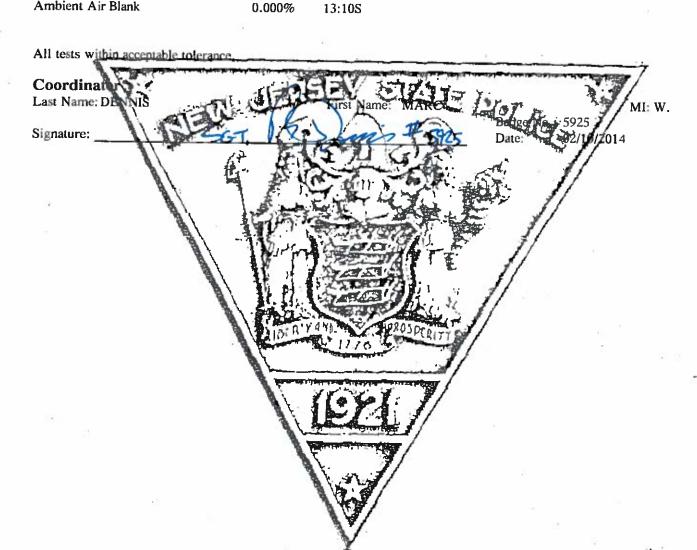
appointed Breath Test Coordinator/Instructor. officials capacity, and consistent with

"Calibration Check Procedure for Alcotes J.LIO ishedibythe Chief Borensic Scientist of the Division of State Rolice, I perform calibration cks on approved instruments employing infrared analysis and electrochemical analy zed in a single approved instrument as a dual system of chemical breath testing Pursuant to and consistent with the current "Calibration Check Procedure for Alcolest 7130 las established Chief Forensic Scientist, I performed a Calibration Check on the approved instrumer deprithis certificate. The results of my Calibration Check are recorded on this certifical consists of two parts on two pages: Part I - Control Tests; and Part II - Einearity Tests of certify that the foregoing statements made by me are true. I am aware that if any of the for made by me are wilfully false, I am subject to punishment.

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Location:	Alcotest 7110 WALL TOW		F		Serial No.:	ARXA-0037	
Calibration File No.:	01004			02/10/2014	Calib. No.:	00021	
Certification File No.:	01005		Cert. Date:	02/10/2014		00021	
Linearity File No.:	00901		Lin. Date:	08/28/2013	Lin. No.:	00014	
Solution File No.:	00998		Soln. Date:	01/30/2014	_370		
Sequential File No.:	01005		File Date:		Soln. No.:	00166	
bequentiar i ne i to:	01005		File Date:	02/10/2014			
Calibrating Unit:	WET		Madal Na	CU 24	6-113	DD3/D 02 112	
Control Solution %:	0.100%		Model No.:	CU-34		DDXB S3-113	
					Expires:	02/13/2015	
Solution Control Lot:	13B110				Bottle No.:	0028	
Function		Deside	ro:	rn.	_		
runction		Result		Temperature		ment(s)	
A 100 . At 100 000		%BAC		Simulator (°C)	or Er	ror(s)	
Ambient Air Blank		0.000%	13:06S				
Control 1 EC		0.100%	13:06S	34.0°C	*** TEST P	ASSED ***	
Control 1 IR		0.099%	13:06S	34.0°C	*** TEST P	ASSED ***	
Ambient Air Blank		0.000%	13:07S				
Control 2 EC		0.099%	13:08S	34.0°C	*** TEST P	ASSED ***	
Control 2 IR		0.099%		34.0°C		ASSED ***	
Ambient Air Blank		0.000%	13:08S	J U	12011	AUDICE	
Control 3 EC		0.099%	200	34.0°C	*** TEST P	ASSED ***	
Control 3 IR		0.099%		34.0°C		ASSED ***	
Ambient Air Blank		0.05576 0.000%	13.005	37.0 C	TEST F	ASSED TTT	



Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Location:	Alcotest 7110 WALL TOW		CE		Serial No.: ARXA-003	7
Calibration File No.:	01004		Calib. Date	: 02/10/2014	Calib. No.: 00021	
Certification File No.:				02/10/2014	Cert. No.: 00014	
Linearity File No.:	01006		Lin. Date:	02/10/2014	Lin. No.: 00014	
Solution File No.:	00998			01/30/2014	Soln. No.: 00166	
Sequential File No.:	01006		File Date:	02/10/2014		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.: DDXD S3-0	186
Control Solution %:	0.040%				Expires: 08/24/2014	
Solution Control Lot:	12H104				Bottle No.: 0601	
Calibrating Unit:	WET		Model No.	CU-34	Serial No.: DDXD S3-0	188
Control Solution %:	0.080%				Expires: 08/27/2014	
Solution Control Lot:	12H105				Bottle No.: 0155	
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.: DDXD S3-0	191
Control Solution %:	0.160%				Expires: 09/10/2014	
Solution Control Lot:	121106				Bottle No.: 0730	
Function		Result	Time	Temperature	Comment(s)	
		%BAC	HH:MM	Simulator (°C)	or Error(s)	
Ambient Air Blank		0.000%	13:36S			
Control 1 EC		0.041%	13:37S	34.0°C	*** TEST PASSED ***	
Control 1 IR		0.041% 0.040%	13:37S 13:37S	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***	
Control 1 IR Ambient Air Blank		0.041% 0.040% 0.000%	13:37S 13:37S 13:38S	34.0°C	*** TEST PASSED ***	
Control 1 IR Ambient Air Blank Control 2 EC		0.041% 0.040% 0.000% 0.041%	13:37S 13:37S 13:38S 13:39S	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***	
Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		0.041% 0.040% 0.000% 0.041% 0.040%	13:37S 13:37S 13:38S 13:39S 13:39S	34.0°C	*** TEST PASSED ***	
Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.041% 0.040% 0.000% 0.041% 0.040% 0.000%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S	34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***	
Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC		0.041% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***	
Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S	34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED *** *** TEST PASSED ***	
Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank		0.041% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082% 0.079% 0.000%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:41S	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081% 0.079%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.000% 0.082% 0.079% 0.000% 0.081% 0.079% 0.000%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S 13:43S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081% 0.079% 0.000% 0.160%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S 13:43S 13:45S 13:46S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081% 0.079% 0.000% 0.160% 0.158%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S 13:43S 13:45S 13:46S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081% 0.079% 0.0158% 0.158% 0.000%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S 13:43S 13:45S 13:46S 13:46S 13:46S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081% 0.079% 0.000% 0.158% 0.000% 0.158%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S 13:43S 13:45S 13:46S 13:46S 13:46S 13:47S 13:48S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***	
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		0.041% 0.040% 0.000% 0.041% 0.040% 0.082% 0.079% 0.000% 0.081% 0.079% 0.0158% 0.158% 0.000%	13:37S 13:37S 13:38S 13:39S 13:39S 13:40S 13:41S 13:41S 13:43S 13:43S 13:43S 13:43S 13:45S 13:46S 13:46S 13:46S	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

5GT. 6 91 Sun

First Name: MARC

Badge No.: 5925

Date: 02/10/2014

MI: W.

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110				Serial No.: ARXA-0037
Location:	WALL TOW	NSHIP POLIC	CE	160	84
Calibration File No.:	01004		Calib. Date	: 02/10/2014	Calib. No.: 00021
Certification File No.:	01005		Cert. Date:	02/10/2014	Cert. No.: 00014
Linearity File No.:	01006		Lin. Date:	02/10/2014	Lin. No.: 00014
Solution File No.:	01007		Soln. Date:	02/10/2014	Soln. No.: 00167
Sequential File No.:	01007		File Date:	02/10/2014	
	1.0				
Calibrating Unit:	WET		Model No.:	: CU-34	Serial No.: DDXB S3-113
Control Solution %:	0.100%				Expires: 06/17/2015
Solution Control Lot:	13F114				Bottle No.: 1104
Function		Result	Time	Temperature	Comment(s)
Function		Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Function Ambient Air Blank					
		%BAC	HH:MM		
Ambient Air Blank		%BAC 0.000%	HH:MM 15:00S	Simulator (°C)	or Error(s)
Ambient Air Blank Control 1 EC		%BAC 0.000% 0.100%	HH:MM 15:00S 15:00S	Simulator (°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 15:00S 15:00S 15:00S	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 15:00S 15:00S 15:00S 15:01S	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% 0.098%	HH:MM 15:00S 15:00S 15:00S 15:01S 15:02S	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	5 20 20	%BAC 0.000% 0.100% 0.100% 0.000% 0.098% 0.099%	HH:MM 15:00S 15:00S 15:00S 15:01S 15:02S 15:02S	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	7. 10. 10. 10.	%BAC 0.000% 0.100% 0.100% 0.000% 0.098% 0.099% 0.000%	HH:MM 15:00S 15:00S 15:00S 15:01S 15:02S 15:02S 15:02S	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 ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC	7. 10. 10.	%BAC 0.000% 0.100% 0.100% 0.000% 0.098% 0.099% 0.000% 0.098%	HH:MM 15:00S 15:00S 15:00S 15:01S 15:02S 15:02S 15:02S 15:02S	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.

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 S	Serial Number DDW4	92-284		
Changed By: Last Name: DENNIS	First	Name: MARC		MI: W.
Signature:	SGT. 19 mi	#5925	Badge No.: 5925 Date: 02/10/2014	



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® CU3 O Model: MARK IIA O Other:	4	Serial Number: DDX/D53-0/86
Certification Date	Technician	Re-Certification Due Date 1-22-15



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:		Serial Number: DDXD S 3-0/88
Certification Date 1-23-14	Technician BC	Re-Certification Due Date 1-23-15



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:

		•		
110	Certification Date	Technician	Re-Certification Due Date	
	1-23-14	R	1-23-15	
_	1 40 17		1 40.0	
		-V $-$		
		400.5		
\sim		XOXOX		\mathbb{D}_{\triangle}
		Dräger		
λ	AL COTEST	® 7110 TEMPERATU	IRE PROBE	
	ALCOTEST	- I II O I E IMI E IVAI C		
\boxtimes	CERTIFI	CATE OF ACC	CURACY	X
	This is to certify that the Alco	test® 7110 Temperature Probe	has been tested for accuracy	
	This is to certify that the Alco with instrumentation that is tracea The manufacturer recon	nmends accuracy verification o	f the Temperature Prope.	Ä
λ	within 12 months of the certificati For accurate temperature	ion date below, or sooner, accordance, the probe value on the	rding to your State Specification. is certificate, noted below,	
	must be	programmed into the Alcotest	₱7110.	
X	Serial Number Temp. Probe	Certification date:	Next Certification due:	X
	DDXKP2-323	1-21-14	1-21-15	
				
7	Probe Value		4	\times

Draeger Safety Diagnostics, Inc. Technical Service Department



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



Cert. No.: 4000-5574134

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: 130754749

Manufacturer: Control Company

	s/Eau	

11 # 01 = d a b 11 a a			
<u>Description</u>	Serial Number	<u>Due Date</u>	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	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

Procedure: CAL-06

Cal Date: 12/12/13

Cal Due: 12/12/15

Test Conditions:

24.0°C

33.0 %RH 1033 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
•c		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
- <u>c</u>		N.A.		24.999	25.001	Y	24.949	25,049	0.023	2.2:1
•c		N.A.		50.003	50.000	Y	49.953	50.053	0.014	3.6:1
•c	 	N.A,		100.001	99.999	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 expended uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results failing 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.

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

Micel Rodriguez, Quality Manager

Aaron Judice, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its eccuracy. 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 Veritae, Certificate No. CERT-01805-2006-AQ-HOU-RvA.

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

Page 1 of 1

Traccable® is a registered trademark of Control Company

O 2009 Control Company



State of New Jersey Office of the Attorney General

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JEFFREY S. CHIESA
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

KIM GUADAGNO

Lt. Governor

CHRIS CHRISTIE

Governor

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 0.1234 to 0.1241 grams per 100 millititers 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.

All M. Alaouie, Ph.D.

Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this

_day of March

. 2013

Noterv

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"An Internationally Accredited Agency"

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State of New Aersey

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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 BER. 12H104

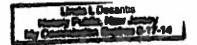
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0487 to 0.0491 grams per 100 milliliters of solution.

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 24, 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.

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

NJSP Office of Forensic Sciences





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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 JEFFREY S. CHIESA
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

KIM GUADAGNO

Lt. Governor

CHRIS CHRISTIE

Governor

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

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: AM195

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 global 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 27, 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.

Ali M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

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State of New Jersey

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 0.16 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.

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

ANALYSIS DATE: 10/2/2012

BREATH AI COHOL SIMULATOR SOLUTION LUI MUNISER. 121.00

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 acceable 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.

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

NJSP Office of Forensic Sciences

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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 (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: <u>Draeger Safety</u>, Inc.

CHRIS CHRISTIE

Governos

KIM GUADAGNO

Lt. Governor

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 <u>June 17, 2015</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. Alsouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

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Notary

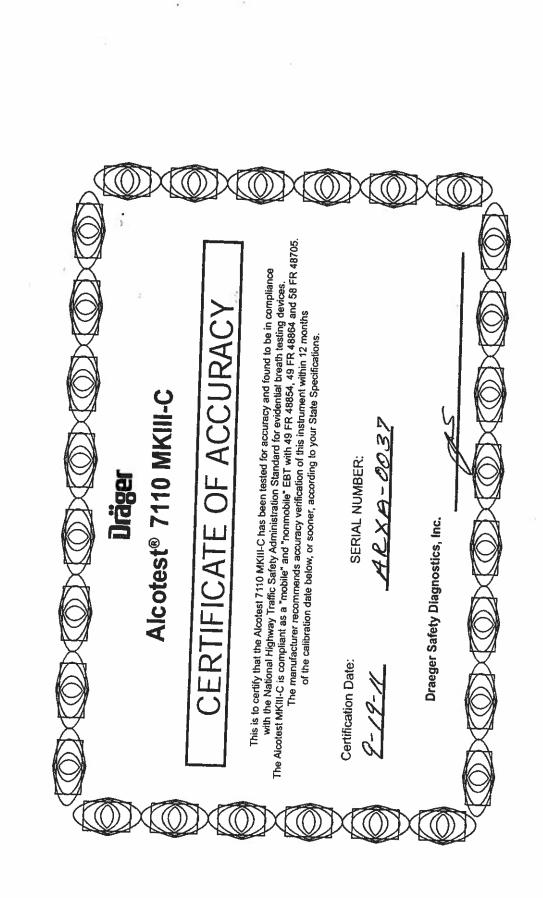
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Dräger

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

Other: _

	Certification Date	Technician	Re-Certification Due Date	_
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		Dräger		
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Draeger Safety Diagnostics, Inc. Technical Service Department

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2. <u>3/12/09</u>	MORRIS CO. PA	M. BUS
32-10-11	SAYELVILLE PO	150
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