#### **Alcotest 7110 Calibration Record**

Serial No.: ARWF-0382

Equipment Alcotest 7110 MKIII-C
Location: WEST WINDSOR POLICE

Calibration File No.: 01030 Calib. Date: 08/14/2013 Calib. No.: 00030 Certification File No.: 00985 Cert. Date: 02/26/2013 Cert. No.: 00017 Linearity File No.: 00986 Lin. Date: Lin. No.: 00017 02/26/2013 Solution File No.: 01028 Soln. Date: 07/29/2013 Soln. No.: 00140

Sequential File No.: 01030 File Date: 08/14/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0363 Control Solution %: 0.100% Expires: 02/13/2015

Solution Control Lot: 13B110 Bottle No.: 0927

Coordinator

Last Name: GIBSON First Name: MICHAEL MI: P

Badge No.: 6353
Date: 08/14/2013

\*Black Key Temperature Probe Serial.....# DDUHP1-0073 (FB)

\*Digital NIST Temperature Measuring System Serial.....# 122156348 6201

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 7110," 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 MKIII-C WEST WINDSOR POL	ICE		Serial No.: ARWF-0382
Calibration File No.:	01030	Calib. Date: 0	08/14/2013	Calib. No.: 00030
Certification File No.:	01031	Cert. Date: 0	08/14/2013	Cert. No.: 00018
Linearity File No.:	00986		02/26/2013	Lin. No.: 00017
Solution File No.:	01028	Soln. Date: 0	7/29/2013	Soln. No.: 00140
Sequential File No.:	01031	File Date: 0	08/14/2013	
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 13B110	Model No.: C	CU-34	Serial No.: DDWJ 3-0363 Expires: 02/13/2015 Bottle No.: 0927
Function	Result %BAC		emperature imulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:59D		
Control 1 EC	0.100%	13:00D 34	4.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:00D 34	4.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:00D		
Control 2 EC	0.099%	13:01D 34	4.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:01D 34	4.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:02D		
Control 3 EC	0.099%	13:02D 34	4.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:02D 34	4.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:03D		

All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature:

m=6703

Badge No.: 6353 Date: 08/14/2013

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 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

### **Alcotest 7110 Calibration Certificate Part II - Linearity Tests**

Equipment Location: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 7110 WEST WINDS 01030 01031 01032 01028 01032		Calib. Date: Cert. Date: Lin. Date: Soln. Date:	08/14/2013 07/29/2013	Serial No.: ARWF-0382  Calib. No.: 00030  Cert. No.: 00018  Lin. No.: 00018  Soln. No.: 00140	
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 12H104		File Date:  Model No.:	08/14/2013 CU-34	Serial No.: DDCB-0001 Expires: 08/24/2014 Bottle No.: 0984	
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 12H105		Model No.:	CU-34	Serial No.: DDCB-0002 Expires: 08/27/2014 Bottle No.: 0984	
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 12I106		Model No.:	CU-34	Serial No.: DDBN-0007 Expires: 09/10/2014 Bottle No.: 0984	
Function		Result	Time	Temperature	Comment(s)	
		%BAC	HH:MM	Simulator (°C)	or Error(s)	
Ambient Air Blank		0.000%	13:09D			
Control 1 EC		0.040%	13:09D	33.9°C	*** TEST PASSED ***	
Control 1 IR		0.040%	13:09D	33.9°C		
Ambient Air Blank Control 2 EC				33.5	*** TEST PASSED ***	
Control 2 HC		0.000%	13:11D			
		0.040%	13:11D 13:11D	34.0°C	*** TEST PASSED ***	
Control 2 IR		0.040% 0.040%	13:11D 13:11D 13:11D			
Control 2 IR Ambient Air Blank		0.040% 0.040% 0.000%	13:11D 13:11D 13:11D 13:13D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***	
Control 2 IR Ambient Air Blank Control 3 EC		0.040% 0.040% 0.000% 0.079%	13:11D 13:11D 13:11D 13:13D 13:13D	34.0°C 34.0°C 34.0°C	*** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***	
Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR		0.040% 0.040% 0.000% 0.079% 0.079%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D	34.0°C 34.0°C	*** TEST PASSED *** *** TEST PASSED ***	
Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank		0.040% 0.040% 0.000% 0.079% 0.079% 0.000%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***	
Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC		0.040% 0.040% 0.000% 0.079% 0.079% 0.000% 0.079%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***	
Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR		0.040% 0.040% 0.000% 0.079% 0.079% 0.000% 0.079% 0.078%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***	
Control 2 IR Ambient Air Blank Control 3 EC Control 3 IR Ambient Air Blank Control 4 EC Control 4 IR Ambient Air Blank		0.040% 0.040% 0.000% 0.079% 0.079% 0.000% 0.078% 0.000%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D 13:15D	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.040% 0.040% 0.000% 0.079% 0.079% 0.000% 0.078% 0.000% 0.158%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D 13:17D 13:17D	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.040% 0.040% 0.000% 0.079% 0.000% 0.079% 0.078% 0.000% 0.158% 0.159%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D 13:17D 13:17D 13:17D	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.040% 0.040% 0.000% 0.079% 0.000% 0.079% 0.078% 0.078% 0.000% 0.158% 0.159% 0.000%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D 13:17D 13:17D 13:17D 13:17D	34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C 34.0°C	*** TEST PASSED ***	
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		0.040% 0.040% 0.000% 0.079% 0.079% 0.079% 0.078% 0.000% 0.158% 0.159% 0.000% 0.157%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D 13:17D 13:17D 13:17D 13:17D 13:19D	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 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		0.040% 0.040% 0.000% 0.079% 0.000% 0.079% 0.078% 0.078% 0.000% 0.158% 0.159% 0.000%	13:11D 13:11D 13:11D 13:13D 13:13D 13:13D 13:15D 13:15D 13:15D 13:17D 13:17D 13:17D 13:17D	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

MI: P

Signature: 7,4 Without P. Month 6353 Badge No.: 6353 Date: 08/14/2013

# Calibrating Unit New Standard Solution Report

Equipment Location:	Alcotest 7110 WEST WINDS				Serial No.:	ARWF-0382
Calibration File No.:	01030		Calib. Date:	: 08/14/2013	Calib. No.:	00030
Certification File No.:	01031		Cert. Date:	08/14/2013	Cert. No.:	00018
Linearity File No.:	01032		Lin. Date:	08/14/2013	Lin. No.:	00018
Solution File No.:	01033		Soln. Date:	08/14/2013	Soln. No.:	00141
Sequential File No.:	01033		File Date:	08/14/2013		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDWJ S3-0363
Control Solution %:	0.100%				Expires:	12/26/2014
Solution Control Lot:	12L109				Bottle No.:	0125
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or Ei	rror(s)
Ambient Air Blank		0.000%	14:25D			
Control 1 EC		0.100%	14:26D	34.0°C		PASSED ***
Control 1 IR		0.100%	14:26D	34.0°C	*** TEST ]	PASSED ***
Ambient Air Blank		0.000%	14:26D			
Control 2 EC		0.100%	14:27D	34.0°C	*** TEST ]	PASSED ***
Control 2 IR		0.101%	14:27D	34.0°C	*** TEST ]	PASSED ***
Ambient Air Blank		0.000%	14:28D			
Control 3 EC		0.100%	14:28D	34.0°C	*** TEST 1	PASSED ***
Control 3 IR		0.100%	14:28D	34.0°C	*** TEST 1	PASSED ***
Ambient Air Blank		0.000%	14:29D			

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: DD WAP2-216 (mp)

Changed By:

Last Name: GIBSON , , , , , First Name: MICHAEL

MI: P

# Calibrating Unit New Standard Solution Report

Equipment Location: Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	Alcotest 7110 WEST WINDS 01030 01031 01032 01063 01063			08/14/2013 08/14/2013 08/14/2013 12/30/2013 12/30/2013	Serial No.: Calib. No.: Cert. No.: Lin. No.: Soln. No.:	00018 00018
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.100% 12L109		Model No.:	CU-34	Serial No.: Expires: Bottle No.:	DDWJ S3-0364 12/26/2014 0111
Function		Result %BAC	Time HH:MM	Temperature Simulator (°C)		ment(s) rror(s)
Ambient Air Blank		0.000%	15:08S			
Control 1 EC		0.101%	15:09S	34.0°C	*** TEST	PASSED ***
Control 1 IR		0.101%	15:09S	34.0°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	15:10S			
Control 2 EC		0.099%	15:10S	34.0°C	*** TEST	PASSED ***
Control 2 IR		0.100%	15:10S	34.0°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	15:11S			
Control 3 EC		0.100%	15:12S	34.0°C	*** TEST	PASSED ***
Control 3 IR		0.101%	15:12S	34.0°C	*** TEST	PASSED ***
Ambient Air Blank		0.000%	15:12S			

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: <u>DDWAP2 - 215</u>

Changed By:

Last Name: SNYDER

First Name: THOMAS

MI: J.

ignature: 57+ Thomas V. Smuder #5792

Badge No.: 5792 Date: 12/30/2013



### 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  Model: MARK IIA  Other:		Serial Number:
Certification Date	Technician	Re-Certification Due Date
0-6-13	BC	2-6-14



### 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  Model: MARK IIA  Other:	(5)	Serial Number:
Certification Date  2-5-13	Technician	Re-Certification Due Date  2-5-14



### 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.

Model: ALCOTEST® CU34  Model: MARK IIA  Other:		Serial Number: DDON-0007
Certification Date	Technician	Re-Certification Due Date
2.10-13	BC	2-16-14
	-~-	





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



Cert. No.: 4000-4253786

#### 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: 122156348

Manufacturer: Control Company

#### Standards/Equipment:

<u>Description</u>	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-275	A9A237		
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-231	A79341		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	3039	2/14/13	6-BN9WZ-1-1

#### **Certificate Information:**

Technician: 68

Procedure: CAL-06

Cal Date: 3/15/12

Cal Due: 3/15/14

Test Conditions:

23.5°C

52.0 %RH 1021 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	0.001	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.		59.999	60.000	Y	59.949	60.049	0.018	2.8:1
°C	3 3	N.A.		100.002	100.002	Y	99.952	100.052	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

Ywood Kodrigues Nicol Rodriguez, Quality Manager

Wallace Servey 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



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 0.10 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.

All M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworp to and subscribed before me this

\_day of March

\_\_\_,

Notary





"An Internationally Accredited Agency"





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

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Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

KIM GUADAGNO

Lt. Governor

CHRIS CHRISTIE

Governor

### 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.

Ali M. Alaouie, Ph.D. Research Scientist

NJSP Office of Forensic Sciences

Sworp-to and subscribed before me this

\_day of October

. 2012.

Notary

Limbs L. Decents

"An Internationally Accredited Agency"





State of New Jersey

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

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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: 12H105

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 <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

Sworp to and subscribed before me this da

the day of other

. 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

JEFFREY S. CHIESA Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

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CHRIS CHRISTIE

Governor

#### **CERTIFICATION OF ANALYSIS** 0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

(609) 882-2000

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 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 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 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.

Ali M. Alaouie, Ph.D.

Research Scientist

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 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

JEFFREY S. CHIESA

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>, <u>Inc.</u> ANALYSIS DATE: <u>1/17/2013</u>

**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>0.1228</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 /

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"An Internationally Accredited Agency"



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CHRIS CHRISTIE

Governor

KIM GUADAGNO
Lieutenant Governor

### State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CRIMINAL JUSTICE
PO BOX 085
TRENTON NI 08625-0085

TRENTON, NJ 08625-0085 TELEPHONE: (609) 984-6500 PAULA T. DOW Attorney General

STEPHEN J. TAYLOR

June 10, 2011

Col. Joseph R. Fuentes, Superintendent Division of State Police Division Headquarters P.O. Box 7068 West Trenton, New Jersey 08628

Re: Breath Test Coordinator/Instructor, Certification - Trooper Michael Gibson #6353

Dear Col. Fuentes:

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 Michael Gibson #6353, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly your

Paula Dow

Attorney General

c. Trooper Michael Gibson #6353, Alcohol/Drug Test Unit, Division of State Police Lt. Craig Potter, Unit Head, Alcohol/Drug Test Unit, Division of State Police







# CERTIFICATE

This is to certify that

Michael P. Gibson #6353

has successfully completed the two day Draeger Safety Diagnostics, Inc. Alcohol Coordinator Training Course on the New Jersey specific Alcotest® 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 Alcotest® 7110 MKIII-C.

Date: March 18, 2011

Instructor: Hansueli Ryser







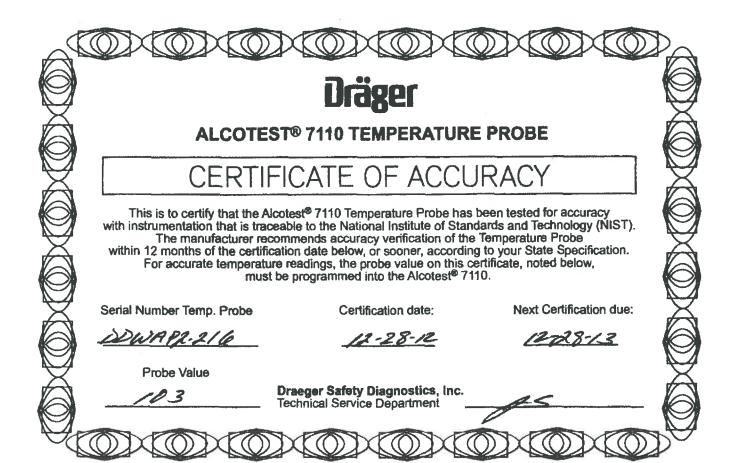
### CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traille 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  Model: MARK IIA	
	DDWT53-0363
Technician	Re-Certification Due Date
	12-28-13





### 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  Model: MARK IIA  Other:		Serial Number: DDWJ S3-0364
Certification Date	Technician	Re-Certification Due Date
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### CERTIFICATE OF ACCURACY

ALCOTEST® 7110 TEMPERATURE PROBE

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST).

The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below or sooner, according to your State Specification.

For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number	Temp. Probe
DDWA	P2-215

Certification date:

Next Certification due:

7-12-13

7-12-14

Probe Value

104

**Draeger Safety Diagnostics, Inc.**Technical Service Department

BC