Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0051
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	01826	Calib. Date:	05/01/2012	Calib. No.:	00019
Certification File No.:	01782	Cert. Date:	01/26/2012	Cert. No.:	00015
Linearity File No.:	01783	Lin. Date:	01/26/2012	Lin. No.:	00014
Solution File No.:	01819	Soln. Date:	04/18/2012	Soln. No.:	00165
Sequential File No.:	01826	File Date:	05/01/2012		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	02/20/2014
Solution Control Lot:	12B099			Bottle No.:	0966

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Det T Gonclves #6040 Badge No.: 6040

Date: 05/01/2012

*Black Key Temperature Probe Serial.....# DDMBP1 - 0002 MG

*Digital NIST Temperature Measuring System Serial.....# 122172176

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	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0051
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	01826	Calib. Date:	05/01/2012	Calib. No.:	00019
Certification File No.:	01827	Cert. Date:	05/01/2012	Cert. No.:	00016
Linearity File No.:	01783	Lin. Date:	01/26/2012	Lin. No.:	00014
Solution File No.:	01819	Soln. Date:	04/18/2012	Soln. No.:	00165
Sequential File No.:	01827	File Date:	05/01/2012		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	02/20/2014
Solution Control Lot:	12B099			Bottle No.:	0966

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:14D		
Control 1 EC	0.100%	10:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16D		
Control 2 EC	0.099%	10:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:17D		
Control 3 EC	0.099%	10:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Det. M. Goncalves #6040 Badge No.: 6040

Date: 05/01/2012

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	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0051
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	01826	Calib. Date:	05/01/2012	Calib. No.:	00019
Certification File No.:	01827	Cert. Date:	05/01/2012	Cert. No.:	00016
Linearity File No.:	01828	Lin. Date:	05/01/2012	Lin. No.:	00015
Solution File No.:	01819	Soln. Date:	04/18/2012	Soln. No.:	00165
Sequential File No.:	01828	File Date:	05/01/2012		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0215
Control Solution %:	0.040%			Expires:	06/27/2013
Solution Control Lot:	11F090			Bottle No.:	0568
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0193
Control Solution %:	0.080%			Expires:	06/30/2013
Solution Control Lot:	11F091			Bottle No.:	0224
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0241
Control Solution %:	0.160%			Expires:	07/03/2013
Solution Control Lot:	11G092			Bottle No.:	1230

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:33D		
Control 1 EC	0.042%	10:34D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.042%	10:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:35D		
Control 2 EC	0.042%	10:36D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	10:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:37D		
Control 3 EC	0.082%	10:38D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	10:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:39D		
Control 4 EC	0.082%	10:40D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	10:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:41D		
Control 5 EC	0.161%	10:42D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	10:42D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43D		
Control 6 EC	0.161%	10:44D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	10:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:45D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Det L Gonc #6040 Badge No.: 6040

Date: 05/01/2012

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0051
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	01826	Calib. Date:	05/01/2012	Calib. No.:	00019
Certification File No.:	01827	Cert. Date:	05/01/2012	Cert. No.:	00016
Linearity File No.:	01828	Lin. Date:	05/01/2012	Lin. No.:	00015
Solution File No.:	01829	Soln. Date:	05/01/2012	Soln. No.:	00166
Sequential File No.:	01829	File Date:	05/01/2012		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	03/31/2013
Solution Control Lot:	11C088			Bottle No.:	0181

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:54D		
Control 1 EC	0.101%	11:54D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:55D		
Control 2 EC	0.100%	11:55D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:56D		
Control 3 EC	0.101%	11:57D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	11:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:58D		

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 DDUJP2-143 KNG

Changed By:

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Det I Golvs # 6040 Badge No.: 6040

Date: 05/01/2012

Dräger

ALCOTEST® 7110 TEMPERATURE PROBE

CERTIFICATE OF ACCURACY

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	Certification date:	Next Certification due:
DDUJP2-143	2/7/12	2/7/13

Probe Value

105

Draeger Safety Diagnostics, Inc.
Technical Service Department

2M

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date: 3/8/2011

SERIAL NUMBER: ARUM-0051

Draeger Safety Diagnostics, Inc.

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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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:** 4/20/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11C088

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1192 to 0.1197 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 March 31, 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 26th day of April, 2011.

Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 8-17-14

Calibration
Certificate No. 1750.01

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

Cert. No.: 4000-4269985

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: 122172176 Manufacturer: Control Company

Standards/Equipment:

Description	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-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	-0.001	Y	-0.050	0.050	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		60.000	59.999	Y	59.950	60.050	0.018	2.8:1
°C		N.A.		100.001	100.002	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

Nicol 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

CERTIFICATE

This is to certify that

Michelle Goncalves

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 14, 2012

Instructor: Hansueli Ryser

Dräger

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, NJ 08625-0085
TELEPHONE: (609) 984-6500

JEFFREY S. CHIESA
Attorney General

STEPHEN J. TAYLOR
Director

March 23, 2012

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 -
Detective I Michelle L. Goncalves #6040

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 Detective I Michelle L. Goncalves #6040, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Jeffrey S. Chiesa
Attorney General

c. Detective I Michelle L. Goncalves, Alcohol/Drug Test Unit, Division of State Police
DSFC Patrick Guilfoy, Unit Head, Alcohol/Drug Test Unit, Division of State Police

DEPARTMENT OF

Law and Public Safety

This is to certify that

Michelle L. McKelvey

NJSP

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Breathalyzer A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 16th DAY OF Aug. TWO THOUSAND AND 04

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES Feb. 3-7-2003

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.	10/03	OCPA	[illegible]
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 05/02)

DEPARTMENT OF

Law and Public Safety

This is to certify that

MICHELLE L. McKELVEY

NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MKIII-C A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 10th DAY OF August TWO THOUSAND AND FIVE

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 06/03)

DEPARTMENT OF

Law and Public Safety

This is to certify that

Michelle L. Goncalves

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF December TWO THOUSAND AND Eleven

SUPERINTENDENT
NEW JERSEY STATE POLICE

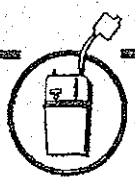
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 03/10)



Dräger

CERTIFICATE OF ACCURACY

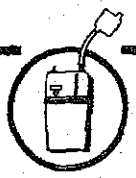
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

☑ Model: ALCOTEST® CU34
○ Model: MARK IIA
○ Other: _____

Serial Number: DDXD53-0193

Certification Date	Technician	Re-Certification Due Date
2/2/12	JM	2/2/13



Dräger

CERTIFICATE OF ACCURACY

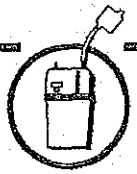
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

☑ Model: ALCOTEST® CU34
○ Model: MARK IIA
○ Other: _____

Serial Number: DDWF53-0215

Certification Date	Technician	Re-Certification Due Date
2/2/12	JM	2/2/13



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: _____

Serial Number: DDWFS3-0241

Certification Date	Technician	Re-Certification Due Date
2/2/12	JM	2/2/13

Dräger

ALCOTEST® 7110 TEMPERATURE PROBE

CERTIFICATE OF ACCURACY

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	Certification date:	Next Certification due:
DDMBP1-0002	2/3/12	2/3/13

Probe Value: 102

Draeger Safety Diagnostics, Inc.
Technical Service Department

JM

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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 3/20/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12B099

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1211 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 February 20, 2014.

As Forensic Scientist III 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.

Monica L. Tramontin
ForensicScientist III
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 22nd day of March, 2012.

Notary

MARY ELIZABETH MCLAUGHLIN
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 12-24-2013

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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

PAULA T. DOW
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 0.045 to 0.051 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 7/21/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0485 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 June 27, 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 1st day of August, 2011.

Notary

Linda L Deauntis
Notary Public, New Jersey
My Commission Expires 8-17-14

State of New Jersey
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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

PAULA T. DOW
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 0.094 to 0.099 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 7/22/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F091

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0973 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 June 30, 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 1st day of August, 2011.

Notary

Linda L Desantis
Notary Public, New Jersey
My Commission Expires 8-17-14

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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 0.188 to 0.199 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 7/25/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11G092

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1917 to 0.1927 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 July 3, 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. Klavalek, M.S.
Assistant Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 1st day of August, 2011.

Linda L. DeSantis
Notary

Linda L DeSantis
Notary Public, New Jersey
My Commission Expires 6-17-14