Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.: ARUM-0066
Location:	PENNSAUKEN TWSP. P.D.			
Calibration File No.:	00942	Calib. Date:	12/22/2010	Calib. No.: 00012
Certification File No.:	00943	Cert. Date:	12/22/2010	Cert. No.: 00011
Linearity File No.:	00944	Lin. Date:	12/22/2010	Lin. No.: 00011
Solution File No.:	00945	Soln. Date:	12/22/2010	Soln. No.: 00094
Sequential File No.:	00945	File Date:	12/22/2010	
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.: DDUN S3-0338
Control Solution %:	0.100%			Expires: 03/10/2012
Solution Control Lot:	10C077			Bottle No.: 0553

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:56S		
Control 1 EC	0.103%	12:57S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:58S		
Control 2 EC	0.100%	12:58S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:59S		
Control 3 EC	0.099%	13:00S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01S		

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: DDUJP2-143JS

Changed By:

Last Name: SULLIVAN First Name: FRANCIS MI: -

Signature: Tpr I J. Sullivan #5103 Badge No.: 5103

Date: 12/22/2010

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0066
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	00942	Calib. Date:	12/22/2010	Calib. No.:	00012
Certification File No.:	00867	Cert. Date:	07/06/2010	Cert. No.:	00010
Linearity File No.:	00868	Lin. Date:	07/06/2010	Lin. No.:	00010
Solution File No.:	00935	Soln. Date:	12/11/2010	Soln. No.:	00093
Sequential File No.:	00942	File Date:	12/22/2010		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	06/14/2012
Solution Control Lot:	10F080			Bottle No.:	0292

Coordinator

Last Name: SULLIVAN First Name: FRANCIS MI: -

Signature: Tpr I J Sullivan #5103 Badge No.: 5103

Date: 12/22/2010

*Black Key Temperature Probe Serial.....# DDMBPI-0002 JS

*Digital NIST Temperature Measuring System Serial.....# 101733532 JS

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-0066
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	00942	Calib. Date:	12/22/2010	Calib. No.:	00012
Certification File No.:	00943	Cert. Date:	12/22/2010	Cert. No.:	00011
Linearity File No.:	00868	Lin. Date:	07/06/2010	Lin. No.:	00010
Solution File No.:	00935	Soln. Date:	12/11/2010	Soln. No.:	00093
Sequential File No.:	00943	File Date:	12/22/2010		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	06/14/2012
Solution Control Lot:	10F080			Bottle No.:	0292

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:19S		
Control 1 EC	0.097%	11:20S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:21S		
Control 2 EC	0.095%	11:21S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:22S		
Control 3 EC	0.097%	11:23S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	11:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:24S		

All tests within acceptable tolerance.

Coordinator

Last Name: SULLIVAN First Name: FRANCIS MI: -

Signature: Tpr FJ Sullivan #5103 Badge No.: 5103

Date: 12/22/2010

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-0066
Location: PENNSAUKEN TWSP. P.D.

Calibration File No.:	00942	Calib. Date:	12/22/2010	Calib. No.:	00012
Certification File No.:	00943	Cert. Date:	12/22/2010	Cert. No.:	00011
Linearity File No.:	00944	Lin. Date:	12/22/2010	Lin. No.:	00011
Solution File No.:	00935	Soln. Date:	12/11/2010	Soln. No.:	00093
Sequential File No.:	00944	File Date:	12/22/2010		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0215
Control Solution %:	0.040%			Expires:	01/12/2012
Solution Control Lot:	10A073			Bottle No.:	1081

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0193
Control Solution %:	0.080%			Expires:	01/15/2012
Solution Control Lot:	10A074			Bottle No.:	1241

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0241
Control Solution %:	0.160%			Expires:	01/21/2012
Solution Control Lot:	10A075			Bottle No.:	0025

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:37S		
Control 1 EC	0.043%	11:37S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	11:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:39S		
Control 2 EC	0.041%	11:40S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	11:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:41S		
Control 3 EC	0.082%	11:42S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	11:42S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:44S		
Control 4 EC	0.081%	11:44S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	11:44S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:46S		
Control 5 EC	0.162%	11:47S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	11:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:48S		
Control 6 EC	0.159%	11:49S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	11:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:51S		

All tests within acceptable tolerance.

Coordinator
Last Name: SULLIVAN First Name: FRANCIS MI: -

Signature: Tpr I J. Sullivan #5103 Badge No.: 5103

Date: 12/22/2010

E

Dräger safety

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: 28 JAN 05

SERIAL NUMBER: ARUM - 0066

Draeger Safety Diagnostics, Inc.
Durango, CO

F

Dräger safety

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: DDUN53-0338

Certification Date	Technician	Re-Certification Due Date
6-24-10	MM	6-24-11

Dräger safety

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:
DDUJ82-143	6/21/10	6/21/11

Probe Value: 105

Draeger Safety Diagnostics, Inc.
Technical Service Department

2m

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: Drager Safety, Inc. **ANALYSIS DATE:** 3/24/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10C077

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1202 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 10, 2012

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 6th day of April, 2010.

Notary

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

Dräger safety

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: DDMBP4-0002

Certification date: 2-3-10

Next Certification due: 2-3-11

Probe Value: 101

Draeger Safety Diagnostics, Inc.
Technical Service Department

MM

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

ACCREDITED

Calibration
Certificate No. 1750.01

Cert. No.: 4000-2966287

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, P.O. Box 2158, Secaucus, NJ 07094 U.S.A.

Instrument Identification:

Model: 61220-601 S/N: 101733532 Manufacturer : Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	11/19/10	A9B21010
Temperature Probe	128	12/10/10	A9B23079
Temperature Calibration Bath TC-231	A79341		
Temperature Probe	3039	12/10/10	A9B23080-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	7/09/10	1000264338
Temperature Probe	5202	3/11/11	B0310050
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	157	7/27/10	A9708011-4

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 6/08/10 **Cal Due: 6/08/12**

Test Conditions: 24.0°C 42.0 %RH 1015 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.002	-0.002	Y	-0.048	0.052	0.013	3.8:1
°C		N.A.		24.999	25.000	Y	24.949	25.049	0.013	3.8:1
°C		N.A.		60.001	60.002	Y	59.951	60.051	0.018	2.8:1
°C		N.A.		100.001	100.001	Y	99.951	100.051	0.013	3.8:1

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 = Nominal(Rounded) - Tolerance; Max = Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Wallace Berry, Technical Manager

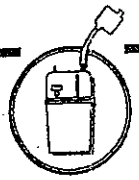
Maintaining Accuracy:

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



Dräger safety

CERTIFICATE OF ACCURACY

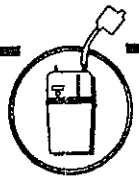
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDWF53-0215

Certification Date	Technician	Re-Certification Due Date
2/3/10	JM	2/3/11



Dräger safety

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
2/3/10	JM	2/3/11

Dräger safety

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: ARWF53-0241

Certification Date	Technician	Re-Certification Due Date
2/3/10	JM	2/3/11

State of New Jersey
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

PAULA T. DOW
Attorney General

COLONEL JOSEPH R. [illegible]
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: 7/8/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10F080

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1197 to 0.1207 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 14, 2012.

As 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.

Ajit R. Tungare
Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 12th day of July, 2010.

Notary

[illegible]
Notary Public, State of New Jersey
My Commission Expires 6-17-14

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

PAULA T. DOW
Acting 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:** 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 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 January 12, 2012.

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 9th day of February, 2010.

Notary

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

HONOR
STATE POLICE DUTY

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

PAULA T. DOW
Acting 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:** 2/3/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A074

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0954 to 0.0958 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 January 15, 2012.

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 19th day of February, 2010.

Notary

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

HONOR STATE POLICE DUTY FIDELITY

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

PAULA T. DOW
Acting 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 0.188 to 0.199 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 2/4/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A075

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1913 to 0.1919 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 January 21, 2012.

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. Kavalek, M.S.
Assistant Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 19th day of February, 2010.

Notary

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

HONOR STATE POLICE DUTY

JON S. CORZINE
Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
PO BOX 080
TRENTON, NJ 08625-0080

ANNE MILGRAM
Attorney General

November 5, 2008

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 I Francis Sullivan # 5103

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 I Francis Sullivan # 5103 as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Anne Milgram
Attorney General

AM:HA:tlh
c: Trooper I Francis Sullivan # 5103, Alcohol/Drug Test Unit, Division of State Police
Lt. Paul Spirit, Unit Head, Alcohol/Drug Test Unit, Division of State Police

G:\Prosecutor Services\COPROS\LETTERS\Sullivan Breath Test Ltr 11.5.08.wpd

CERTIFICATE

This is to certify that

Francis Sullivan
Trooper I, #5103

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: September 18, 2008

Instructor: Hansueli Ryser

Dräger

DEPARTMENT OF

Law and Public Safety

This is to certify that

Francis Sullivan

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 Breathalyzer METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF Apr.
ONE THOUSAND NINE HUNDRED AND 94

Carl A. Williams
SUPERINTENDENT
NEW JERSEY STATE POLICE

Deborah T. Poritz
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	Refresher Course DATE	PLACE	INSTRUCTOR
1.	9-6-96	ACTC	[illegible]
2.	12-15-97	ACTC	[illegible]
3.	12-8-99	ACTC	[illegible]
4.	10-9-01	DCPA	[illegible]
5.	7-17-03	ACTC	C Potter
6.	6-10-05	ACTC	C Potter
7.	11-16-07	DCPA	C Potter
8.			
9.			

SP-293B

DEPARTMENT OF

Law and Public Safety

This is to certify that

Francis Sullivan

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 Breath Test Coordinator/Instructor A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 5th DAY OF November TWO THOUSAND AND Eight

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

DEPARTMENT OF

Law and Public Safety

This is to certify that

Francis Sullivan

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 1st DAY OF March TWO THOUSAND AND SIX

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	05/16/08	Sayreville PD	
2.	10-26-10	ACSO	WM Cross
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 293B (Rev. 01/06)

Francis Sullivan #5103
Hamilton Technology Complex
Suite 400, 1200 Negron Drive
Hamilton, NJ 08691
lpp5103@gw.njsp.org

Current Rank & Date of Promotion & Time of Service:

Trooper I 7/16/2002 18 years of Service

Career Experience/Assignment:

April 26, 2008 to Present:	Special Investigation Section Alcohol/Drug Testing Unit
May 29 2004 to April 25 2008:	Special Operations Section Motor Coach/ Compliance Review Unit
December 29 2001 to May 28 2004:	Special Operations Section Diesel Emissions
November 3 2001 to December 28 2001:	Field Operations Section Tuckerton Station Troop A
April 1 1995 to November 2 2001:	Field Operations Section Bass River Station Troop E
October 15 1994 to March 31 1995:	Field Operations Section Port Norris Station Troop A
October 16 1993 to October 14 1994:	Field Operations Section Tuckerton Station Troop A
January 16, 1993 to October 15 1993:	Field Operations Section Woodbine Station Troop A

Specialized Training

Draeger Safety Diagnostics, Inc. Alcotest 7110-MKIII-C Memory Data Download Training	May 2009
Breath Test Coordinator/Instructor, Certification	November 2008
Instructor Training in DWI Detection and Standardized Field Sobriety Testing	October 2008
Draeger Safety Diagnostics, Inc., Alcohol Coordinator Training Course on the New Jersey specific Alcotest 7110 MKIII-C	September 2008
The Robert F. Borkenstein Course on Alcohol and Highway Safety	May 2008
Inspection and Investigation of Commercial Vehicle Crashes	September 2007
Accident Investigation 1	January 2007
Accident Investigation 2	March 2007
Instructor Training Course	May 2006
Laser Operator Training Course	March 2006
Alcotest Certification	March 2006
Post Crash Vehicle Equipment Inspection	November 2004
Compliance Review Training	September 2003
Suspension and Steering	August 2003
Commercial Motor Vehicle Criminal Interdiction	April 2003
General Hazardous Material Inspection	December 2002
Domestic Cannabis Eradication & Suppression Seminar	July 2002
Trucks and Terrorism	May 2002
Motorcoach	May 2002

NASI-North American Standard Inspection Part B	February 2002
NASI-Weights & Dimensions	February 2002
NASI-North American Standard Inspection Part A	January 2002
PR-24 Training Course	July 1999
Narcotics Trafficking Trends Seminar	June 1998
Firearms Instructor Course	May 1997
Driving While Intoxicated/Standardized Field Sobriety	July 1996
Breathalyzer Course	April 1994

Educational/Certification Summary:

Associates of Science Comm. College of the Air Force	August 1987

Commendation & Awards:

Certificate of Commendation	June 2002