

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARNK-0039
Location:	STRATFORD POLICE DEPT.	
Calibration File No.:	00858	Calib. No.: 00013
Certification File No.:	00859	Cert. No.: 00011
Linearity File No.:	00860	Lin. No.: 00010
Solution File No.:	00861	Soln. No.: 00101
Sequential File No.:	00861	File Date: 08/24/2010
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUK S3-0133
Solution Control Lot:	09B063	Expires: 02/02/2011
		Bottle No.: 0694

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:06D		
Control 1 EC	0.100%	15:06D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:06D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:07D		
Control 2 EC	0.100%	15:08D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.099%	15:08D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:08D		
Control 3 EC	0.100%	15:09D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:09D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:10D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

*Temperature Probe Serial Number: DD UN P2 - 31623*

**Changed By:**

Last Name: SULLIVAN

First Name: FRANCIS

MI: -

Signature: *Tp1 I J Sullivan #5103*

Badge No.: 5103

Date: 08/24/2010

# Alcotest 7110 Calibration Record

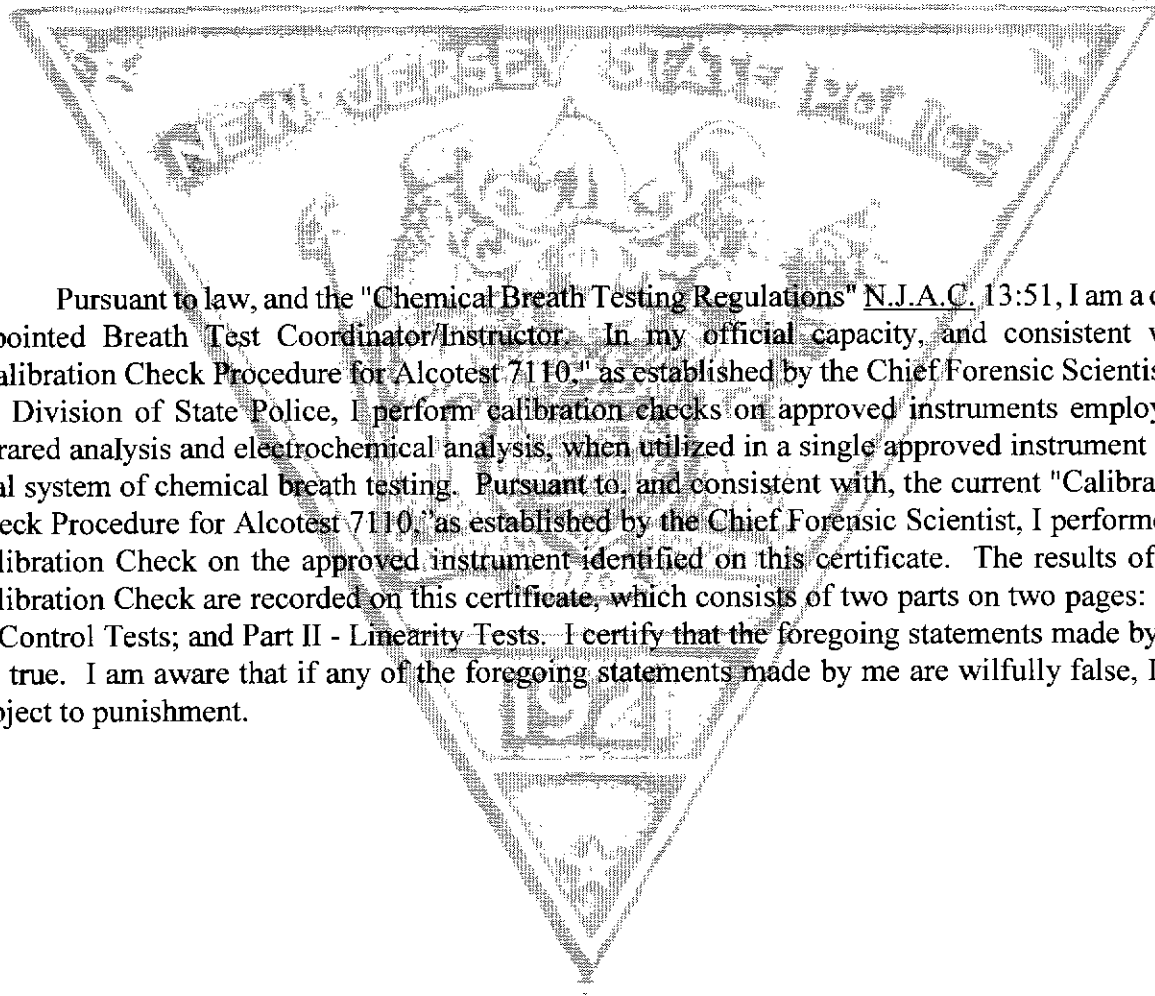
**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 00858 Calib. Date: 08/24/2010 Calib. No.: 00013  
Certification File No.: 00781 Cert. Date: 02/25/2010 Cert. No.: 00010  
Linearity File No.: 00782 Lin. Date: 02/25/2010 Lin. No.: 00009  
Solution File No.: 00849 Soln. Date: 07/27/2010 Soln. No.: 00100  
Sequential File No.: 00858 File Date: 08/24/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 04/22/2011  
Solution Control Lot: 09D065 Bottle No.: 0779

## Coordinator

Last Name: SULLIVAN First Name: FRANCIS MI: -  
Signature: Francis J Sullivan #5103 Badge No.: 5103  
Date: 08/24/2010

\*Black Key Temperature Probe Serial.....# DDMDPI-000225  
\*Digital NIST Temperature Measuring System Serial.....# 10173353225



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  
Location: STRATFORD POLICE DEPT. Serial No.: ARNK-0039  
Calibration File No.: 00858 Calib. Date: 08/24/2010 Calib. No.: 00013  
Certification File No.: 00859 Cert. Date: 08/24/2010 Cert. No.: 00011  
Linearity File No.: 00782 Lin. Date: 02/25/2010 Lin. No.: 00009  
Solution File No.: 00849 Soln. Date: 07/27/2010 Soln. No.: 00100  
Sequential File No.: 00859 File Date: 08/24/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0133  
Control Solution %: 0.100% Expires: 04/22/2011  
Solution Control Lot: 09D065 Bottle No.: 0779

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:32D		
Control 1 EC	0.100%	13:33D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:33D		
Control 2 EC	0.100%	13:34D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:35D		
Control 3 EC	0.099%	13:35D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		

All tests within acceptable tolerance.

### Coordinator

Last Name: SULLIVAN

First Name: FRANCIS

MI: -

Signature: Francis J Sullivan #5103

Badge No.: 5103

Date: 08/24/2010

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  
Location: STRATFORD POLICE DEPT. Serial No.: ARNK-0039  
Calibration File No.: 00858 Calib. Date: 08/24/2010 Calib. No.: 00013  
Certification File No.: 00859 Cert. Date: 08/24/2010 Cert. No.: 00011  
Linearity File No.: 00860 Lin. Date: 08/24/2010 Lin. No.: 00010  
Solution File No.: 00849 Soln. Date: 07/27/2010 Soln. No.: 00100  
Sequential File No.: 00860 File Date: 08/24/2010

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.: 0818

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.: 0650

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.: 0449

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:48D		
Control 1 EC	0.041%	13:48D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:50D		
Control 2 EC	0.041%	13:50D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:52D		
Control 3 EC	0.081%	13:52D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	13:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:54D		
Control 4 EC	0.080%	13:54D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:56D		
Control 5 EC	0.160%	13:56D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:58D		
Control 6 EC	0.160%	13:58D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:58D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:00D		

All tests within acceptable tolerance.

### Coordinator

Last Name: SULLIVAN

First Name: FRANCIS

MI: -

Signature: *Fr I J Sullivan #5103*

Badge No.: 5103

Date: 08/24/2010

Dräger Safety

Alcotest<sup>®</sup> 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 "portable" EBT with 49 FR 48854, 49 FR 48864 and 50 FR 48703. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date shown, or sooner, according to your State Specifications.

Certification Date:

11/12/03

SERIAL NUMBER:

2000-0039

Dräger Safety, Inc.  
Durango, CO



Drägersafety

# 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:

DDUKS3-0133

Certification Date

4-15-10

Technician

mm

Re-Certification Due Date

4-15-11

Drägersafety

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

DDUNP2-316

Certification date:

4-15-10

Next Certification due:

4-15-11

Probe Value

99

Draeger Safety Diagnostics, Inc.  
Technical Service Department

mm



JON S. CORZINE  
Governor

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

ANNE MILGRAM  
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: Dräger Safety, Inc. ANALYSIS DATE: 2/27/2009

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 09B063

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1199 to 0.1205 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 2, 2011.

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*  
Ajit R. Tungare  
Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 5 day of March, 2009.

*John R. Leaver*  
Notary  
JOHN R. LEAVER  
NOTARY PUBLIC STATE OF NEW JERSEY  
MY COMMISSION EXPIRES 12/14/2012



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Calibration  
Certificate No. 1750.01

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



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*  
Nicol Rodriguez, Quality Manager

*Wallace Berry*  
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

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).





Draeger 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 II A
- Other: \_\_\_\_\_

Serial Number:

DDXDS3-0193

Certification Date

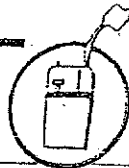
Technician

Re-Certification Due Date

2/3/10

AM

2/3/11



Draegersafety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDWF53-0241

Certification Date

Technician

Re-Certification Due Date

2/3/10

AM

2/3/11

Dräger safety

Alcotest<sup>®</sup> 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:

11 APR 05

SERIAL NUMBER:

APK-0039

Dräger Safety Diagnostics, Inc.  
Durango, CO

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

DDMBP9-0002

Certification date:

2-3-10

Next Certification due:

2-3-11

Probe Value

101

Dräger Safety Diagnostics, Inc.  
Technical Service Department

gm gm



Drägersafety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDWF 53-0215

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

2/3/11



JON S. CORZINE  
Governor

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

ANNE MILGRAM  
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: 5/08/2009

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 09D065

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1201 to 0.1210 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 April 22, 2011.

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 19<sup>th</sup> day of May, 2009.

Notary

Linda L. DeSantis  
My Commission  
Expires Aug. 17, 2009



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CHRIS CHRISTIE  
Governor

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DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TAUNTON NJ 08628-0068  
(609) 882-2000

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: Dräger Safety, Inc.

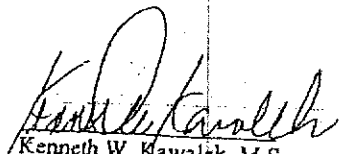
ANALYSIS DATE: 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

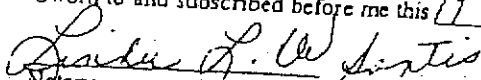
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

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 13, 2012.

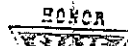
As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and at, the Office of Forensic Sciences of the Division of 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 19<sup>th</sup> day of February, 2010.

  
Notary

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





CHRIS CHRISTIE  
Governor

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

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.

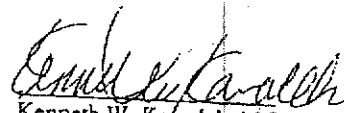
ANALYSIS DATE: 2/3/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A074

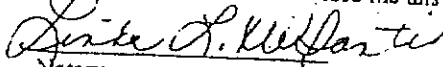
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0954 to 0.0958 grams per 100 milliliters of solution.

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

Sworn to and subscribed before me this 19<sup>th</sup> day of February, 2010.

  
Notary

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







CHRIS CHRISTIE  
Governor

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

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.

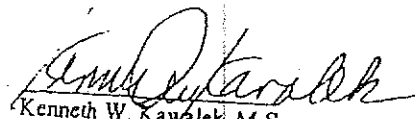
ANALYSIS DATE: 2/4/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A075

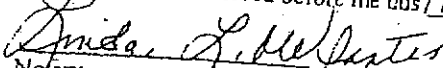
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1913 to 0.1919 grams per 100 milliliters of solution.

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

Sworn to and subscribed before me this 19<sup>th</sup> day of February, 2010.

  
Notary

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





# CERTIFICATE

This is to certify that

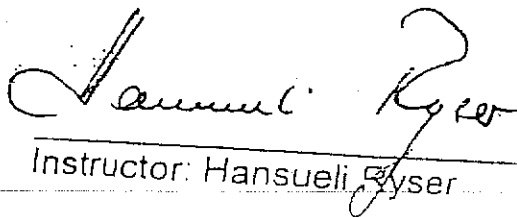
**Francis Sullivan**  
**Trooper I, #5103**

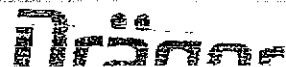
has successfully completed the two day Draeger Safety Diagnostics, Inc. Alcohol Coordinator Training Course on the New Jersey specific Alcotest® 7110 MKIII-C and is hereby certified as a qualified

**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





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:th

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

Francis Sullivan #5103  
Hamilton Technology Complex  
Suite 400, 1200 Negron Drive  
Hamilton, NJ 08691  
[lpp5103@gw.njsp.org](mailto:lpp5103@gw.njsp.org)

**Current Rank & Date of Promotion & Time of Service:**

Trooper I                      7/16/2002                      17 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:**

October 2009	Draeger Alcotest 7110 NJ Central Database Training
May 2009	Draeger Alcotest 7110 Digital Download Training Course
December 2008	Draeger Alcotest 7110 Defense Attorney Training Course
November 2008	N.J. Attorney General Breath Test Coordinator/Instructor Certified
October 2008	DWI Detection/Standardized Field Sobriety Instructor Certified
September 2008	Draeger Alcotest 7110 Factory Technician Certified
July 2008	Alcotest 7110 Prosecutor Training Course
May 2008	Borkenstein Course on Alcohol & Highway Safety
September 2007	Inspection and Investigation of Commercial Vehicle Crashes
January 2007	Accident Investigation 1
March 2007	Accident Investigation 2
May 2006	Instructor Training Course
March 2006	Laser Operator Training Course
March 2006	Alcotest 7110 Operator Course
November 2004	Post Crash Vehicle Equipment Inspection
September 2003	Compliance Review Training
August 2003	Suspension and Steering
April 2003	Commercial Motor Vehicle Criminal Interdiction
December 2002	General Hazardous Material Inspection
July 2002	Domestic Cannabis Eradication & Suppression Seminar
May 2002	Trucks and Terrorism
May 2002	Motor Coach Certified
February 2002	NASI-North American Standard Inspection Part B
February 2002	NASI-Weights & Dimensions
January 2002	NASI-North American Standard Inspection Part A
July 1999	PR-24 Training Course
June 1998	Narcotics Trafficking Trends Seminar
May 1997	Firearms Instructor Course
July 1996	Driving While Intoxicated/Standardized Field Sobriety
April 1994	Breathalyzer Operator Certification Course
March 1993	K-55 Moving Radar Certified

**Educational/Certification Summary:**

Associates of Science Comm. College of the Air Force	August 1987
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**Commendation & Awards:**

Certificate of Commendation	June 2002
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DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

Francis J. Sullivan

New Jersey State Police

IS QUALIFIED AND COMPETENT TO INSTRUCT IN THE ANALYSIS PROVIDED BY CHAPTER  
14C OF THE LAWS OF THE STATE OF NEW JERSEY AS AMENDED TO  
DETERMINE DRUGS.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF APR.  
ONE THOUSAND NINE HUNDRED AND 98

C. J. Williams  
IDENTIFICATION  
NEW JERSEY STATE POLICE

Gene F. Pitt  
TRENTON CLERK  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 9-2-96	ACTC	J. Pitt
2. 12-15-97	ACTC	J. Pitt
3. 12-8-98	ADCP	Mr. Berger
4. 10-9-01	DCPP	Mr. Berger
5. 7-17-01	ACTC	C. Pitt
6. 10-01	ACTC	C. Pitt
7. 11-18-01	DCPA	C. Pitt
8. _____	_____	_____
9. _____	_____	_____

DEPARTMENT OF  
*Law and Public Safety*  
1940 is the motto of the Dept.

Francis Sullivan  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE ON THE SUBJECT OF REFRESHER COURSE IN ACCORDANCE WITH CHAPTER 141 OF  
THE LAWS OF 1940 IN THE DEPARTMENT OF THE STATE OF NEW JERSEY  
A METHOD OF DETERRING INTERFERERS  
IN NEW JERSEY BY MEANS OF TELETYPE, NEW JERSEY  
FOR PERMANENT AND SIX

DATE OF March

BY PERMANENT AND SIX

*[Signature]*  
SUPERVISOR  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 05/12/68	Bayview Hill PD	<i>[Signature]</i>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. FORM (Rev. 5-1-67)

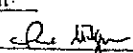
DEPARTMENT OF  
**Public Safety**  
This is to certify that

Francis Sullivan  
New Jersey State Police

is qualified and competent to carry out the duties and responsibilities pursuant to Chapter 10 of  
Title 17B of the Code of Regulations of the **Breach-Ten Coordinator/Instructor**  
A METHOD TO REDUCE VIOLENCE  
DEVELOPED BY PAUL LE PLATON, NEW JERSEY

THIS THIRTEENTH AND Eight DAY OF November

  
FRANCIS SULLIVAN  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY