



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

JON S. CORZINE  
Governor

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:** 06/28/07

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 07B046

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1222 to 0.1228 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 24, 2009.

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.

*Ajt R. Tugare*  
Ajt R. Tugare  
Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 13<sup>th</sup> day of July, 2007.

*Linda L. DeSantis*  
Notary

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



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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 IIA

Other: \_\_\_\_\_

Serial Number:

DDUL53-0163

Certification Date

Technician

Re-Certification Due Date

06-18-08

JS

06-18-09

**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

DDUJPA2-030

Certification date:

06-18-08

Next Certification due:

06-18-09

Probe Value

98

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



Draeger 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

Draeger Safety Diagnostics, Inc.  
Durango, CO

WJ

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Serial No.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 00509 Calib. Date: 07/18/2008 Calib. No.: 00008  
Certification File No.: 00416 Cert. Date: 11/28/2007 Cert. No.: 00005  
Linearity File No.: 00417 Lin. Date: 11/28/2007 Lin. No.: 00004  
Solution File No.: 00507 Soln. Date: 07/16/2008 Soln. No.: 00060  
Sequential File No.: 00509 File Date: 07/18/2008

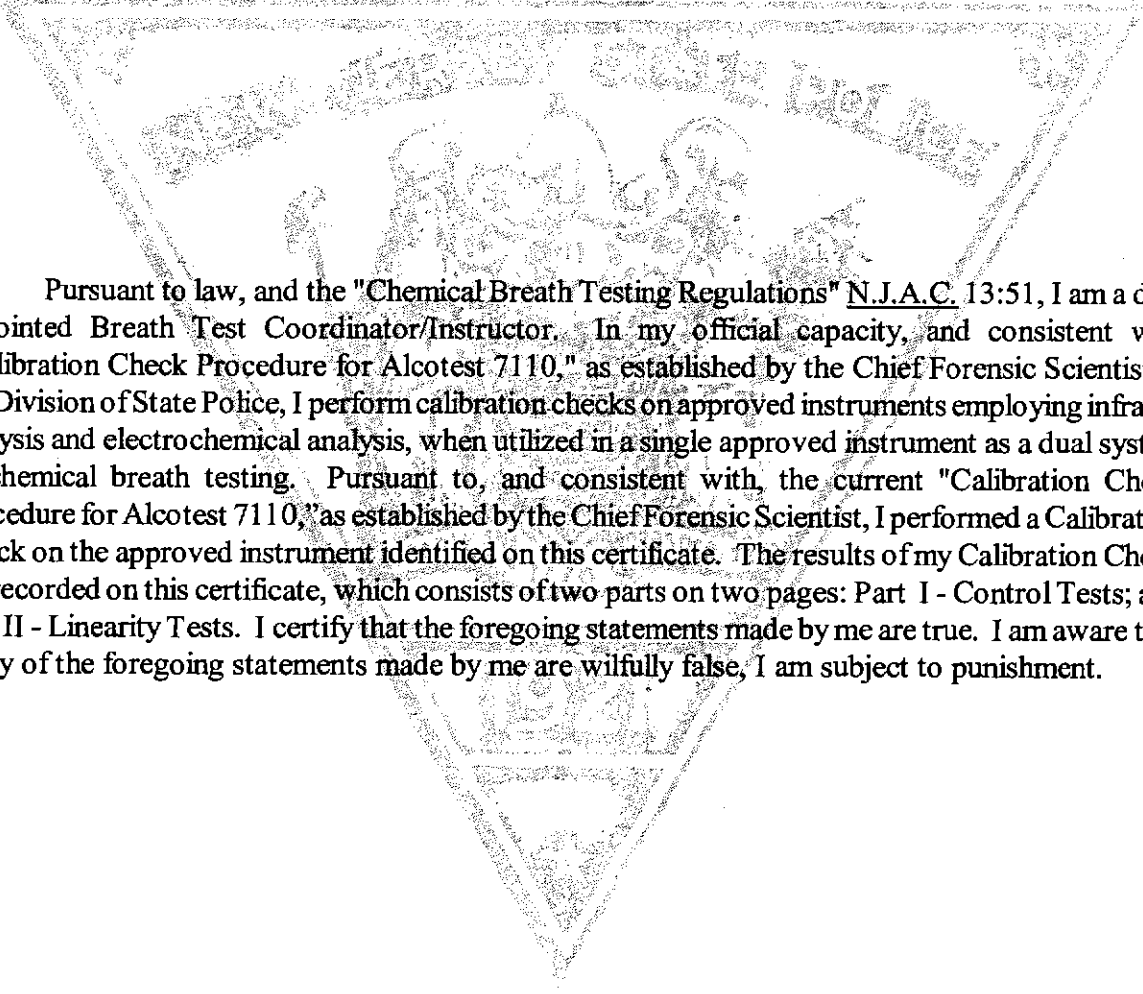
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0163  
Control Solution %: 0.100% Expires: 02/22/2009  
Solution Control Lot: 07B045 Bottle No.: 0931

## Coordinator

Last Name: CROSS First Name: WILLIAM MI: M  
Signature: TPR. I Wm M. Cross #5342 Badge No.: 5342  
Date: 07/18/2008

\*Black Key Temperature Probe Serial .....# DDWAP2-001 we

\*Ertco-Hart Digital Temperature Measuring System Serial# A71569 we



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.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 00509 Calib. Date: 07/18/2008 Calib. No.: 00008  
Certification File No.: 00510 Cert. Date: 07/18/2008 Cert. No.: 00006  
Linearity File No.: 00417 Lin. Date: 11/28/2007 Lin. No.: 00004  
Solution File No.: 00507 Soln. Date: 07/16/2008 Soln. No.: 00060  
Sequential File No.: 00510 File Date: 07/18/2008

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0163  
Control Solution %: 0.100% Expires: 02/22/2009  
Solution Control Lot: 07B045 Bottle No.: 0931

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:09D		
Control 1 EC	0.100%	13:09D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.097%	13:09D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 2 EC	0.099%	13:11D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11D		
Control 3 EC	0.099%	13:12D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	13:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		

All tests within acceptable tolerance.

### Coordinator

Last Name: CROSS

First Name: WILLIAM

MI: M

Signature: T.P.R. J. Williams #5342

Badge No.: 5342

Date: 07/18/2008

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.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 00509 Calib. Date: 07/18/2008 Calib. No.: 00008  
Certification File No.: 00510 Cert. Date: 07/18/2008 Cert. No.: 00006  
Linearity File No.: 00511 Lin. Date: 07/18/2008 Lin. No.: 00005  
Solution File No.: 00507 Soln. Date: 07/16/2008 Soln. No.: 00060  
Sequential File No.: 00511 File Date: 07/18/2008

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0003  
Control Solution %: 0.040% Expires: 01/26/2009  
Solution Control Lot: 0.040 Bottle No.: 0366

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0005  
Control Solution %: 0.080% Expires: 01/26/2009  
Solution Control Lot: 07A042 Bottle No.: 0547

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0009  
Control Solution %: 0.160% Expires: 01/26/2009  
Solution Control Lot: 07A043 Bottle No.: 0480

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:27D		
Control 1 EC	0.040%	13:28D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	13:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29D		
Control 2 EC	0.039%	13:30D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:31D		
Control 3 EC	0.079%	13:32D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:33D		
Control 4 EC	0.079%	13:34D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:35D		
Control 5 EC	0.157%	13:36D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.156%	13:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:37D		
Control 6 EC	0.156%	13:38D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	13:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39D		

All tests within acceptable tolerance.

### Coordinator

Last Name: CROSS

First Name: WILLIAM

MI: M

Signature: \_\_\_\_\_

*TPR. I WILLIAM M. CROSS #5342*

Badge No.: 5342

Date: 07/18/2008



JON S. CORZINE  
Governor

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STUART RABNER  
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:** 04/04/07

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 07B045

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1222 to 0.1227 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 22, 2009.

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 20<sup>th</sup> day of April, 2007.

Notary

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



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RON E. CORZINE  
Governor

STUART RABNER  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.040 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:** 03/06/07

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 07A041

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0483 to 0.0489 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 26, 2009.

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. Tungere  
Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 29<sup>th</sup> day of March, 2007.

  
Notary

Linda L. DeSantis  
My Commission  
Expires Aug. 17, 2008





**State of New Jersey**  
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STUART RABNER  
*Attorney General*

COLONEL JOSEPH R. FUENTES  
*Superintendent*

RON S. CORZINE  
*Governor*

**CERTIFICATION OF ANALYSIS**  
**0.080 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:** 03/06/07

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 07A042

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0965 to 0.0972 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 26, 2009.

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. Tungarc*

Ajit R. Tungarc  
 Chief Forensic Scientist  
 Division of State Police

Sworn to and subscribed before me this 27<sup>th</sup> day of March, 2007.

*Linda L. DeSantis*  
 Notary

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



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 Attorney General

**COLONEL JOSEPH R. FUENTES**  
 Superintendent

**RON S. CORZINE**  
 Governor

**CERTIFICATION OF ANALYSIS**  
**0.160 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:** 03/06/07

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 07A043

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1932 to 0.1938 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 25, 2009.

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.

Linda L DeSantis  
 My Commission  
 Expires Aug. 17, 2009

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

Sworn to and subscribed before me this 25<sup>th</sup> day of March, 2007.

*Linda L. DeSantis*  
 Notary



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# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARNK-0039
Location:	STRATFORD POLICE DEPT.	
Calibration File No.:	00509	Calib. Date: 07/18/2008
Certification File No.:	00510	Calib. No.: 00008
Linearity File No.:	00511	Cert. Date: 07/18/2008
Solution File No.:	00512	Cert. No.: 00006
Sequential File No.:	00512	Lin. Date: 07/18/2008
		Lin. No.: 00005
		Soln. Date: 07/18/2008
		Soln. No.: 00061
		File Date: 07/18/2008

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDUL S3-0163
Control Solution %:	0.100%		Expires: 04/24/2009
Solution Control Lot:	07B046		Bottle No.: 0696

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:46D		
Control 1 EC	0.099%	14:47D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	14:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:47D		
Control 2 EC	0.099%	14:48D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:49D		
Control 3 EC	0.099%	14:49D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:50D		

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: DDUJ2-030 we*

**Changed By:**

Last Name: CROSS	First Name: WILLIAM	MI: M
Signature: <u><i>TPR. I WILLIAM. Cross #5342</i></u>	Badge No.: 5342	Date: 07/18/2008



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:

DDMK 53-0003

Certification Date

02-13-08

Technician

*[Signature]*

Re-Certification Due Date

02-13-09



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:

DDRK53.0005

Certification Date

Technician

Re-Certification Due Date

02.13.08

02.13.09



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:

DDRF53-0009

Certification Date

Technician

Re-Certification Due Date

02-13-08

AE

02-13-09

**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

DDWAP2-001

Certification date:

02-12-08

Next Certification due:

02-12-09

Probe Value

101

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





## Ertco-Hart Digital Temperature Measuring System

### REPORT OF CALIBRATION

This is to certify that the Ertco-Hart Digital Temperature Measuring System has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). Draeger Safety Diagnostics, Inc. (DSDI) recommends accuracy verification of the Ertco-Hart Digital Temperature Measuring System within 12 months of the certification date below, or sooner, according to your state specification.

DSDI equipment used for temperature verification Serial Number: HH41 301316 / HH41 303176 / MERCURY THERMOMETER

Digital Units Serial Number: A71569

Probe Serial Number: 765077

Certification Date: 02-12-2008

Next Certification Due: 02-12-2009

At 34.00 °C digital unit displays 34.05 °C

Draeger Safety Diagnostics, Inc. Technician: 

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

William M. Cross

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS 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 31st DAY OF Jan.  
 ONE THOUSAND NINE HUNDRED AND 97

*Carl A. Williams*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*Peter Vermeir*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	2-11-99	BCPA	<i>Mr. Haragan</i>
2.	10-10-01	BCPA	<i>A. Waller</i>
3.	4-17-03	BCPA	<i>Mr. Pearson</i>
4.	6-22-05	ACTC	<i>C. Porter</i>
5.	7-27-07	OLPA	<i>A. Sando</i>
6.			
7.			
8.			
9.			

SP-293B

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

William M. Cross

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS 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 3rd DAY OF February  
 TWO THOUSAND AND 05

*Carl A. Williams*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*Peter Vermeir*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	12-20-07	O.C.P.A.	<i>S. Long</i>
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 293B (Rev. 12/04)



# CERTIFICATE

This is to certify that

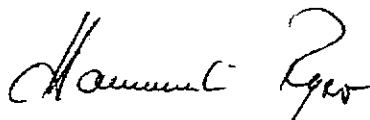
**William M. Cross**  
**Trooper II #5342**

has successfully completed the two day Draeger Safety Diagnostics, Inc. Operator Training and Preventive Maintenance 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: October 28, 2004



Instructor: Hansueli Ryser

**Draeger**safety

William M. Cross #5342  
Department of Law and Public Safety  
New Jersey State Police  
P.O. Box 7068-River Road  
West Trenton, NJ 08628  
609-882-2000  
[lpp5342@gw.njsp.org](mailto:lpp5342@gw.njsp.org)

**Enlistment**

**Date**

December 23, 1995

**Career**

**Experience**

10 years, 9 months

May 2003 to present

Field Operations Section  
Alcohol/Drug Test Unit

December 2001 to May 2003

Field Operations Section  
Tactical Patrol Unit #1  
Troop D

March 1999 to December 2001

Field Operations Section  
Moorestown Barracks  
Troop D

November 1997 to March 1999

Field Operations Section  
Bellmawr Barracks  
Troop A

October 1997 to November 1997

Field Operations Section  
Red Lion Barracks  
Troop A

January 1997 to October 1997

Field Operations Section  
Tuckerton Barracks  
Troop A

June 1996 to January 1997

Field Operations Section  
Bridgeton Barracks  
Troop A

December 1995 to June 1996

Field operations Section  
Red Lion Barracks  
Troop A

July 1995 to December 1995

New Jersey State Police Academy

## Education

- May 1992 Bachelor of Arts degree, Political Science,  
Kutztown University, Kutztown, PA
- June 1988 Graduated Haddon Township High School,  
Haddon Township, NJ

## Technical/ Professional Training

- February 2005 Alcotest® 7110 MKIII-C Certified
- October 2004 Draeger Safety Diagnostics, Inc. Operator Training  
and Preventative Maintenance Course on the  
New Jersey specific Alcotest® 7110 MKIII-C
- January 2004 Instructor Training in DWI Detection and  
Standardized Field Sobriety Testing
- January 2004 Certified in Standardized Field Sobriety  
Tests including Horizontal Gaze Nystagmus
- September 2003 Certified Breath Test Coordinator/Instructor
- August 2003 National Draeger, Inc. Breathalyzer® 900/900A  
Maintenance Course
- July 2003 Methods of Instruction Course
- June 2003 Driving While Intoxicated/Standardized Field  
Sobriety Testing Course
- May 2003 The Robert F. Borkenstein Course on Alcohol,  
Drugs, and Highway Safety
- May 2003 Gang Awareness Course
- March 2000 Spanish for Law Enforcement Course
- March 1999 Traffic Law Enforcement Course
- June 1998 Accident Investigation I Course
- February 1997 Tracktest Fifth Wheel Certified
- January 1997 5-Day Breathalyzer® 900/900A Operator Certified
- February 1996 K-55 Radar Operator Certified