

# ALCOTEST CHECKLIST

Municipality: BAYONNE Alcotest Ser. #: ARXC - 0074

County: HUDSON Date of Calibration: 01-10-2011

- 1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.
- 2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.  
Ser. #: DDZF - 0043
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDUN P2 - 430
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 101686525
- 5.
  - A. Alcotest 7110 Calibration Record
  - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
  - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
  - D. **Alcotest Card** of operator/coordinator who performed tests.
  - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDXK P2 - 363

- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - A. 0.04% Solution. 10 A 073
  - B. 0.08% Solution. 10 A 074
  - C. 0.10% Solution. 10 F 080
  - D. 0.16% Solution. 10 A 075

- 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
  - A. 0.04% used in Calibration/Linearity Testing. DDWE S3-0172
  - B. 0.08% used in Calibration/Linearity Testing. DDXD S3-0181
  - C. 0.10% used in Calibration/Linearity Testing DDZF - 0043 [Same as instrument's CU34 unit].
  - D. 0.16% used in Calibration/Linearity Testing. DDWE S3-0200
- 8.
  - A. New Standard Solution Report following Calibration.
  - B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
  - C. Certificate of Analysis 0.10% solution for same.  
Lot #: 09 E 066
  - D. Alcotest card of operator/coordinator who completed change.

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 49864 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:

SERIAL NUMBER:

05-12-2010

ARXL-0074

Dräger Safety Diagnostics, Inc.

\_\_\_\_\_ *JS*

**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

AAUNP2-430

Certification date:

11-3-10

Next Certification due:

11-3-11

Probe Value

113

Draeger Safety Diagnostics, Inc.  
Technical Service Department

gmm



**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:

DDZF-0043

Certification Date

Technician

Re-Certification Due Date



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-2925204

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: 101686525      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	ASB23080-1
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: 68      Procedure: CAL-08      Cal Date: 5/17/10      Cal Due: 5/17/12  
 Test Conditions: 23.5°C    47.0 %RH    1017 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±uc	TUR
°C		N.A.		0.002	-0.001	Y	-0.048	0.052	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.013	3.8:1
°C		N.A.		60.002	60.002	Y	59.952	60.052	0.018	2.8:1
°C		N.A.		100.001	99.998	Y	99.851	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; ±uc=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = Nominal/Rounded + Tolerance; Max = Nominal/Rounded + Tolerance; Date=MM/DD/YYYY

*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 size, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-calibration traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4465 Rox Road Friendswood, TX 77548 USA  
 Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2008 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-01805-2008-AD-HOU-ANAB.  
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

# Alcotest 7110 Calibration Record

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXC-0074		
<b>Location:</b>	BAYONNE POLICE				
<b>Calibration File No.:</b>	00078	<b>Calib. Date:</b>	01/10/2011	<b>Calib. No.:</b>	00008
<b>Certification File No.:</b>	00052	<b>Cert. Date:</b>	10/23/2009	<b>Cert. No.:</b>	00003
<b>Linearity File No.:</b>	00053	<b>Lin. Date:</b>	10/23/2009	<b>Lin. No.:</b>	00003
<b>Solution File No.:</b>	00077	<b>Soln. Date:</b>	05/12/2010	<b>Soln. No.:</b>	00031
<b>Sequential File No.:</b>	00078	<b>File Date:</b>	01/10/2011		
<b>Calibrating Unit:</b>	WET	<b>Model No.:</b>	CU-34	<b>Serial No.:</b>	DDZF-0043
<b>Control Solution %:</b>	0.100%			<b>Expires:</b>	06/14/2012
<b>Solution Control Lot:</b>	10F080			<b>Bottle No.:</b>	0631

## Coordinator

Last Name: ARROYO

First Name: MARCOS

MI: A.

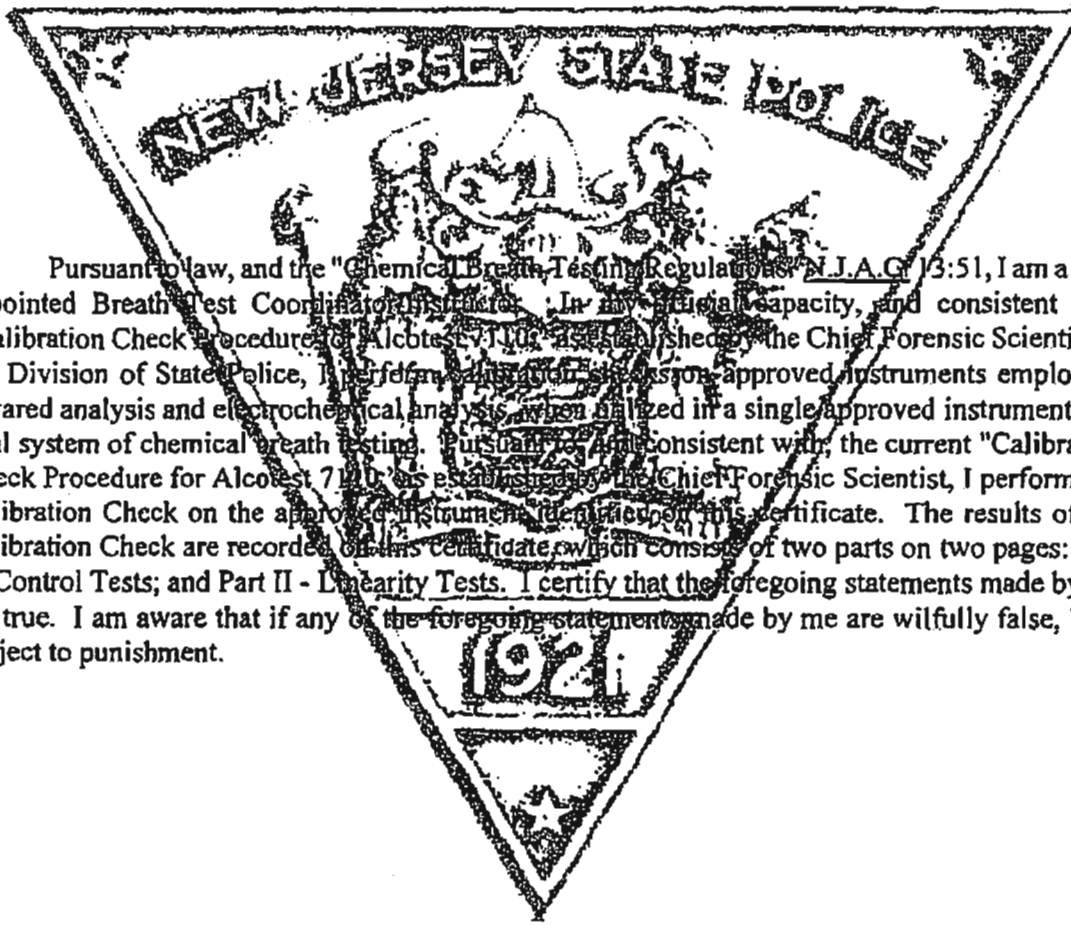
Signature: Tpett [Signature] 6291

Badge No.: 6291

Date: 01/10/2011

\*Black Key Temperature Probe Serial ...# DDXK P2-363 MKD

\*Digital NJST Temperature Measuring System Serial # 101686525 MKD



# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXC-0074  
**Location:** BAYONNE POLICE  
**Calibration File No.:** 00078 **Calib. Date:** 01/10/2011 **Calib. No.:** 00008  
**Certification File No.:** 00079 **Cert. Date:** 01/10/2011 **Cert. No.:** 00004  
**Linearity File No.:** 00053 **Lin. Date:** 10/23/2009 **Lin. No.:** 00003  
**Solution File No.:** 00077 **Soln. Date:** 05/12/2010 **Soln. No.:** 00031  
**Sequential File No.:** 00079 **File Date:** 01/10/2011

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDZF-0043  
**Control Solution %:** 0.100% **Expires:** 06/14/2012  
**Solution Control Lot:** 10F080 **Bottle No.:** 0631

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:07S		
Control 1 EC	0.100%	10:08S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:08S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:09S		
Control 2 EC	0.099%	10:09S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:09S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:10S		
Control 3 EC	0.099%	10:11S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:11S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:11S		

All tests within acceptable tolerance.

### Coordinator

Last Name: ARROYO

Signature: 

First Name: MARCOS

Badge No.: 6298

Date: 01/10/2011

MI: A.

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, which are 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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARXC-0074
Location:	BAYONNE POLICE	
Calibration File No.:	00078	Calib. Date: 01/10/2011
Certification File No.:	00079	Calib. No.: 00008
Linearity File No.:	00080	Cert. Date: 01/10/2011
Solution File No.:	00077	Cert. No.: 00004
Sequential File No.:	00080	Lin. Date: 01/10/2011
		Lin. No.: 00004
		Soln. Date: 05/12/2010
		Soln. No.: 00031
		File Date: 01/10/2011

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDWE S3-0172
Control Solution %:	0.040%		Expires: 01/12/2012
Solution Control Lot:	10A073		Bottle No.: 1071

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDXD S3-0181
Control Solution %:	0.080%		Expires: 01/15/2012
Solution Control Lot:	10A074		Bottle No.: 1297

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDWE S3-0200
Control Solution %:	0.160%		Expires: 01/21/2012
Solution Control Lot:	10A075		Bottle No.: 0872

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:20S		
Control 1 EC	0.040%	10:21S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	10:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:22S		
Control 2 EC	0.040%	10:23S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	10:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:24S		
Control 3 EC	0.080%	10:25S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	10:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:26S		
Control 4 EC	0.080%	10:27S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	10:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:28S		
Control 5 EC	0.160%	10:29S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	10:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:31S		
Control 6 EC	0.160%	10:31S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	10:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:33S		

All tests within acceptable tolerance.

**Coordinator**

Last Name: ARROYO

First Name: MARCOS

MI: A.

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

*[Handwritten Signature]* 6291

Badge No.: 6291

Date: 01/10/2011

DEPARTMENT OF  
**Traffic and Public Safety**  
What is to be certified that

**MARCOS A. ARROYO JR.**  
New Jersey State Police

QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL SCREENING PURSUANT TO CHAPTER 142 OF THE LAWS OF NEW JERSEY AND THE OPERATION OF THE **ALCOTEST 7110 MKIIC** A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 20th DAY OF February TWO THOUSAND AND FIVE

*[Signature]*  
SUPPORTING OFFICER  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

DEPARTMENT OF  
**Traffic and Public Safety**  
What is to be certified that

**MARCOS A. ARROYO**  
New Jersey State Police

QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL SCREENING PURSUANT TO CHAPTER 142 OF THE LAWS OF NEW JERSEY AND THE OPERATION OF THE **ALCOTEST 7110 MKIIC** A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 20th DAY OF October TWO THOUSAND AND FOUR

*[Signature]*  
SUPPORTING OFFICER  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8-13-08	B.C.P.A.	<i>[Signature]</i>
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

E.P. 2500 (REV. 12/04)

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 10-20-08	CCPA	<i>[Signature]</i>
2. 9-5-08	BLPP	<i>[Signature]</i>
3.		
4.		
5.		
6.		
7.		
8.		
9.		

E.P. 2500 (REV. 06/01)

ORIGINAL COURSE DATES

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

E.P. 2500 (REV. 07/07)

DEPARTMENT OF  
**Traffic and Public Safety**  
What is to be certified that

**MARCOS A. ARROYO**  
New Jersey State Police

QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL SCREENING PURSUANT TO CHAPTER 142 OF THE LAWS OF NEW JERSEY AND THE OPERATION OF THE **ALCOTEST 7110 MKIIC** A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 20th DAY OF October TWO THOUSAND AND FOUR

*[Signature]*  
SUPPORTING OFFICER  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY





State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
PO BOX 080  
TRENTON NJ 08615-0080

JOE S. COZZINE  
Governor

ANNE MULLIGAN  
Attorney General

May 1, 2009

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 Marcos A. Arroyo #6291

Dear Col. Fuentes:

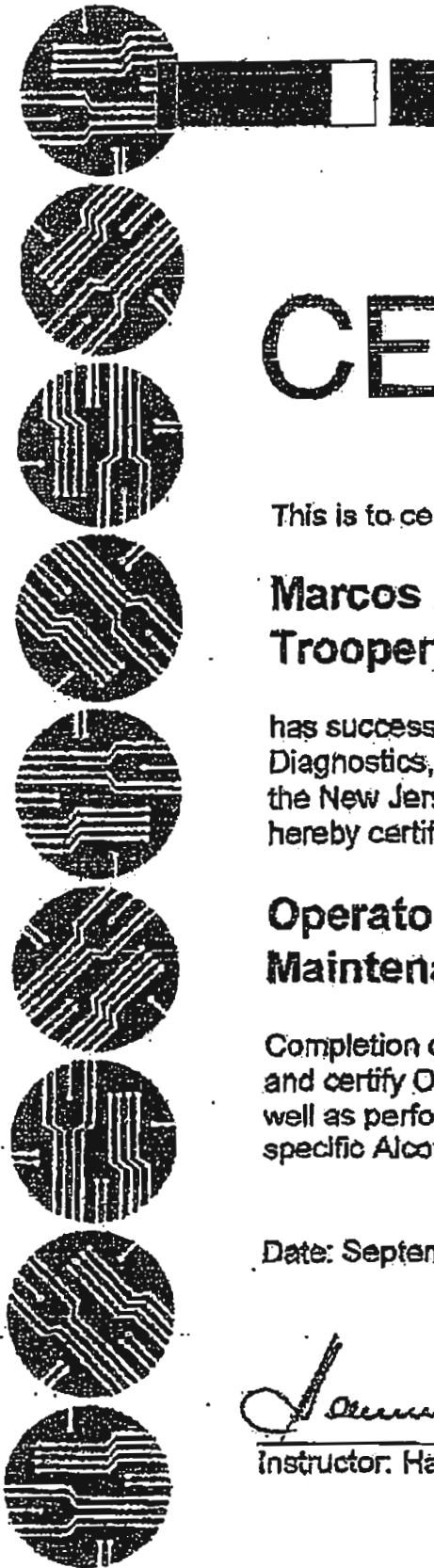
Pursuant to the provisions of N.J.A.C. 13:15-51-2.1 (b) and (c), as adopted and promulgated under the provisions of N.J.S.A. 39:4-50.3, 39:3-10.25 and 12-7-56, I hereby approve Trooper Marcos A. Arroyo #6291, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

  
Anne Mulligan  
Attorney General

c: Trooper Marcos A. Arroyo #6291, Alcohol/Drug Test Unit, Division of State Police  
Lt. Paul Spirit, Unit Head, alcohol/Drug Test Unit, Division of State Police





# CERTIFICATE

This is to certify that

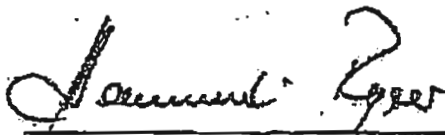
**Marcos Arroyo Jr.**  
**Trooper, #6291**

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 Fyser

**Draeger**

**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

DDXKPD-363

Certification date:

2-3-10

Next Certification due:

2-3-11

Probe Value

103

Dräger Safety Diagnostics, Inc.  
Technical Service Department

911911



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: Dräger Safety, Inc.

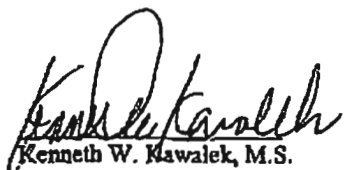
ANALYSIS DATE: 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

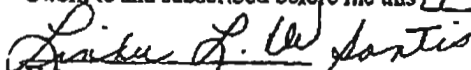
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

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 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 19<sup>th</sup> day of February, 2010.

  
 Notary

Linda L. D'Annunzio  
 Notary Public, New Jersey  
 Commission Expires 8-17-14



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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.

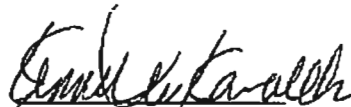
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/3/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A074

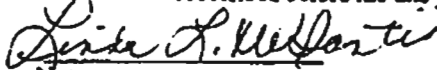
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0954 to 0.0958 grams per 100 milliliters of solution.

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. Kavalck, 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 S. Mediant  
Notary Public, New Jersey  
My Commission Expires 8-17-14



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State of New Jersey  
 OFFICE OF THE ATTORNEY GENERAL  
 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
 POST OFFICE BOX 7068  
 WEST TRENTON NJ 08628-0068  
 (609) 882-2000

CHRIS CHRISTIE  
 Governor

KIM GUADAGNO  
 Lt. Governor

PAULA T. DOW  
 Attorney General

COLONEL JOSEPH R. FUENTES  
 Superintendent

**CERTIFICATION OF ANALYSIS  
 0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 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.

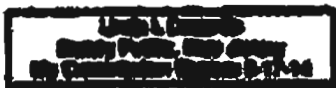
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration 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. Tungarc  
 Chief Forensic Scientist  
 Division of State Police

Sworn to and subscribed before me this 8<sup>th</sup> day of July, 2010.

Joseph R. Fuentes  
 Notary



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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

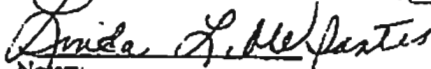
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1913 to 0.1919 grams per 100 milliliters of solution.

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. 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  
 My Commission Expires 8-17-14



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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<sup>®</sup> CU34

Model: MARK IIA

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

Serial Number:

DDWAS3-0172

Certification Date

Technician

Re-Certification Due Date

2/3/10

EM

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:

DDXDS3-0181

Certification Date

Technician

Re-Certification Due Date

2/3/10

am

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:

DDWE53-0200

Certification Date

Technician

Re-Certification Due Date

2/3/10

am

2/3/11

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARXC-0074
<b>Location:</b>	BAYONNE POLICE	
<b>Calibration File No.:</b>	00078	<b>Calib. Date:</b> 01/10/2011
<b>Certification File No.:</b>	00079	<b>Calib. No.:</b> 00008
<b>Linearity File No.:</b>	00080	<b>Cert. Date:</b> 01/10/2011
<b>Solution File No.:</b>	00081	<b>Cert. No.:</b> 00004
<b>Sequential File No.:</b>	00081	<b>Lin. Date:</b> 01/10/2011
		<b>Lin. No.:</b> 00004
		<b>Soln. Date:</b> 01/10/2011
		<b>Soln. No.:</b> 00032
		<b>File Date:</b> 01/10/2011

<b>Calibrating Unit:</b>	WET	<b>Model No.:</b> CU-34
<b>Control Solution %:</b>	0.100%	<b>Serial No.:</b> DDZF-0043
<b>Solution Control Lot:</b>	09E066	<b>Expires:</b> 05/22/2011
		<b>Bottle No.:</b> 0048

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:38S		
Control 1 EC	0.100%	11:38S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:38S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:39S		
Control 2 EC	0.099%	11:40S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:40S		
Control 3 EC	0.100%	11:41S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:41S		

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.

Serial Number Temp Probe # 1777UN P2-430 (10)

**Changed By:**

Last Name: ARROYO

First Name: MARCOS

MI: A.

Signature: 

0291

Badge No.: 6291

Date: 01/10/2011



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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: 6/10/2009

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 09E066

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1198 to 0.1204 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 May 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. Tungarc  
 Chief Forensic Scientist  
 Division of State Police

Sworn to and subscribed before me this 23<sup>rd</sup> day of June, 2009.

Linda L. Desantis  
 Notary

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



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