

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Serial No.: ARXA-0056  
Location: LONG BRANCH POLICE DEPT  
Calibration File No.: 00220  
Calib. Date: 01/10/2011  
Calib. No.: 00011  
Certification File No.: 00177  
Cert. Date: 07/19/2010  
Cert. No.: 00005  
Linearity File No.: 00178  
Lin. Date: 07/19/2010  
Lin. No.: 00005  
Solution File No.: 00219  
Soln. Date: 01/10/2011  
Soln. No.: 00043  
Sequential File No.: 00220  
File Date: 01/10/2011

Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDXN S3-0217  
Control Solution %: 0.100%  
Expires: 06/14/2012  
Solution Control Lot: 10F080  
Bottle No.: 0043

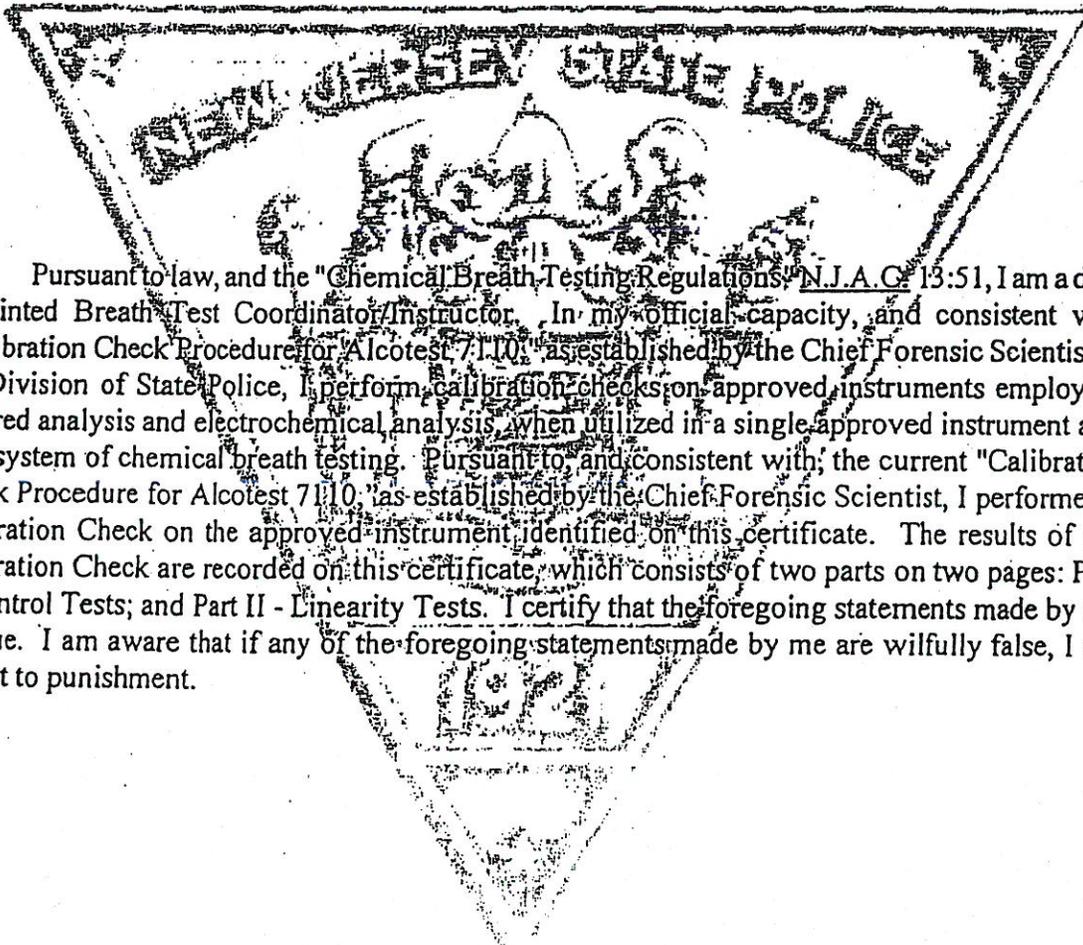
## Coordinator

Last Name: DENNIS  
First Name: MARC  
MI: W.

Signature: J.P.R. I. Dennis # 5925  
Badge No.: 5925  
Date: 01/10/2011

\*Black Key Temperature Probe Serial.....# DDXK P2-323 (M)

\*Digital NIST Temperature Measuring System Serial.....# 101 685 685 (M)



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

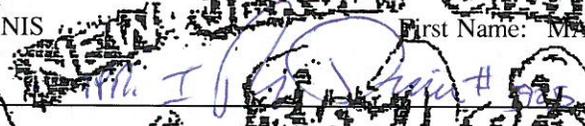
## Part I - Control Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0056  
Location: LONG BRANCH POLICE DEPT  
Calibration File No.: 00220 Calib. Date: 01/10/2011 Calib. No.: 00011  
Certification File No.: 00221 Cert. Date: 01/10/2011 Cert. No.: 00006  
Linearity File No.: 00178 Lin. Date: 07/19/2010 Lin. No.: 00005  
Solution File No.: 00219 Soln. Date: 01/10/2011 Soln. No.: 00043  
Sequential File No.: 00221 File Date: 01/10/2011

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXN S3-0217  
Control Solution %: 0.100% Expires: 06/14/2012  
Solution Control Lot: 10F080 Bottle No.: 0043

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:15S		
Control 1 EC	0.099%	11:16S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:17S		
Control 2 EC	0.099%	11:18S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:18S		
Control 3 EC	0.099%	11:19S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	11:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:20S		

All tests within acceptable tolerance.

**Coordinator**  
Last Name: DENNIS First Name: MARC MI: W.  
Signature:  No.: 925  
Date: 01/10/2011

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 willfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0056
Location:	LONG BRANCH POLICE DEPT		
Calibration File No.:	00220	Calib. Date:	01/10/2011
Certification File No.:	00221	Cert. Date:	01/10/2011
Linearity File No.:	00222	Lin. Date:	01/10/2011
Solution File No.:	00219	Soln. Date:	01/10/2011
Sequential File No.:	00222	File Date:	01/10/2011
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDXD S3-0186
Solution Control Lot:	10A073	Expires:	01/12/2012
		Bottle No.:	1164
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDXD S3-0188
Solution Control Lot:	10A074	Expires:	01/15/2012
		Bottle No.:	1313
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDXD S3-0191
Solution Control Lot:	10A075	Expires:	01/21/2012
		Bottle No.:	1332

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:03S		
Control 1 EC	0.042%	12:03S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:03S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:05S		
Control 2 EC	0.041%	12:06S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	12:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:07S		
Control 3 EC	0.081%	12:08S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	12:08S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:10S		
Control 4 EC	0.082%	12:10S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	12:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:12S		
Control 5 EC	0.161%	12:13S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	12:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:15S		
Control 6 EC	0.159%	12:16S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.159%	12:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:17S		

All tests within acceptable tolerance.

**Coordinator**

Last Name: DENNIS

First Name: MARC

MI: W.

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

TPR. I. Dennis #5925

Badge No.: 5925

Date: 01/10/2011

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0056
Location:	LONG BRANCH POLICE DEPT		
Calibration File No.:	00220	Calib. Date:	01/10/2011
Certification File No.:	00221	Cert. Date:	01/10/2011
Linearity File No.:	00222	Lin. Date:	01/10/2011
Solution File No.:	00223	Soln. Date:	01/10/2011
Sequential File No.:	00223	File Date:	01/10/2011

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXN S3-0217
Control Solution %:	0.100%			Expires:	08/05/2011
Solution Control Lot:	09H068			Bottle No.:	0244

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:23S		
Control 1 EC	0.099%	13:24S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:25S		
Control 2 EC	0.099%	13:25S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26S		
Control 3 EC	0.099%	13:27S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:28S		

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 # DDXA P2-115 (40)

**Changed By:**

Last Name: DENNIS

First Name: MARC

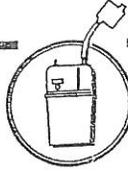
MI: W.

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

TPA I [Signature] #5925

Badge No.: 5925

Date: 01/10/2011



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

Serial Number:

Model: MARK IIA

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

DDXDS3-0186

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

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

Serial Number:

Model: MARK IIA

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

DDXDS3-0188

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

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:

DDXDS3-0191

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

2/3/11

## Dräger safety

### ALCOTEST® 7110 TEMPERATURE PROBE

# CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

Certification date:

Next Certification due:

DDXK P2-323

3/9/10

3/9/11

Probe Value

102

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

DM



Calibration  
Certificate No.: 1750.01

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



Cert. No.: 4000-2924462

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: 101685685      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: 68      Procedure: CAL-06      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	0.000	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	59.999	Y	59.952	60.052	0.018	2.8:1
°C		N.A.		100.000	99.999	Y	99.950	100.050	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/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Wallace Barry*  
Wallace Barry, 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-01805-2008-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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

CHRIS CHRISTIE  
 Governor

PAULA T. DOW  
 Acting Attorney General

COLONEL JOSEPH R. FUENTES  
 Superintendent

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

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.045 to 0.051 grams per 100 milliliters of solution.

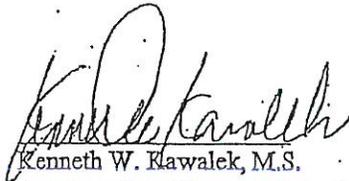
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

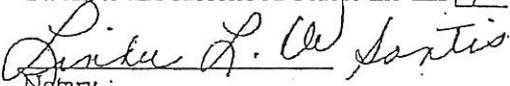
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is January 12, 2012.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and at, the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

  
 Kenneth W. Klawalek, 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 6-17-14



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COLONEL JOSEPH R. FUENTES  
 Superintendent

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

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.094 to 0.099 grams per 100 milliliters of solution.

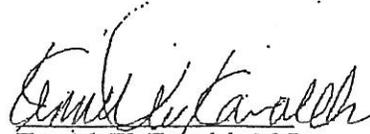
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/3/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A074

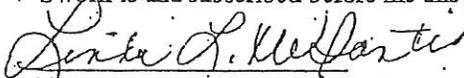
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0954 to 0.0958 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is January 15, 2012.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and at, the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

  
 Kenneth W. Kawalek, M.S.  
 Assistant Chief Forensic Scientist  
 Division of State Police

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

  
 Notary

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





State of New Jersey  
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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.

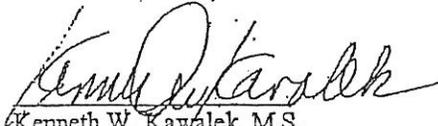
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/4/2010

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





State of New Jersey

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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

PAULA T. DOW
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 7/8/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10F080

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1197 to 0.1207 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 14, 2012.

As Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and at, the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Ajit R. Tungare (Handwritten signature)

Ajit R. Tungare
Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 8th day of July, 2010.

Joseph R. Fuentes (Handwritten signature)
Notary



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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:** 8/21/2009

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 09H068

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 0.1202 grams per 100 milliliters of solution.

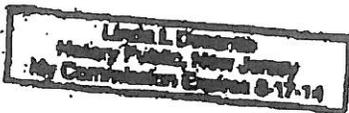
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 5, 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 28<sup>th</sup> day of August, 2009.

Linda L. M. Jantis  
Notary



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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:** 4/20/2011

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 11C088

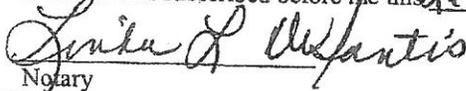
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1192 to 0.1197 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 31, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and at, the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

  
 Kenneth W. Kawalek, M.S.  
 Assistant Chief Forensic Scientist  
 Division of State Police

Sworn to and subscribed before me this 26<sup>th</sup> day of April, 2011.

  
 Notary



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

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

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 4/20/2011

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 11C088

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1192 to 0.1197 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 31, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and at, the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Kenneth W. Kawalek, M.S.  
 Assistant Chief Forensic Scientist  
 Division of State Police

Sworn to and subscribed before me this 20<sup>th</sup> day of April, 2011.

Notary



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**Drägersafety**

**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:

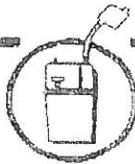
01/28/2009

SERIAL NUMBER:

ARXA-0056

**Draeger Safety Diagnostics, Inc.**

A handwritten signature in black ink, appearing to be 'J. S. [unclear]', is written over a horizontal line.



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)

**Dräger Safety Diagnostics, Inc.**

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDX153-0217

Certification Date

12-29-10

Technician

MM

Re-Certification Due Date

12-29-11

## 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

DDXAP2-115

Certification date:

12-29-10

Next Certification due:

12-29-11

Probe Value

108

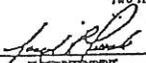
**Dräger Safety Diagnostics, Inc.**  
Technical Service Department

MM

DEPARTMENT OF  
*Traffic and Public Safety*

This is to certify that

  
 Marco W. Darnis  
 New Jersey State Police  
 is QUALIFIED AND COMPETENT TO CONDUCT COURSE IN THE STATE OF NEW JERSEY PURSUANT TO CHAPTER 10 OF  
 THE LAWS OF 1944 IN THE OPERATION OF THE *Vehicle and Traffic Law* as Coordinator/Instructor  
 A METHOD TO DETERMINE THE OCCASION  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 5th DAY OF November  
 TWO THOUSAND AND Eight

  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 283B (Rev. 07/07)

DEPARTMENT OF  
Traffic and Public Safety

DEPARTMENT OF

This is to certify that

Marc W. Dennis  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 20th DAY OF April

TWO THOUSAND AND Eight

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY



DEPARTMENT OF

Traffic and Public Safety

This is to certify that

Marc W. Dennis

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE Intoximeter BREATHALYZER

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 26th DAY OF Sept. 01 TWO THOUSAND AND

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-19-07	Ocean Co. PA	Potter
2. 3/12/09	MORRIS CO. PA	H. Potter
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2038 (Rev. 07/07)

ORIGINAL COURSE DATES 8/18 - 8/22/97

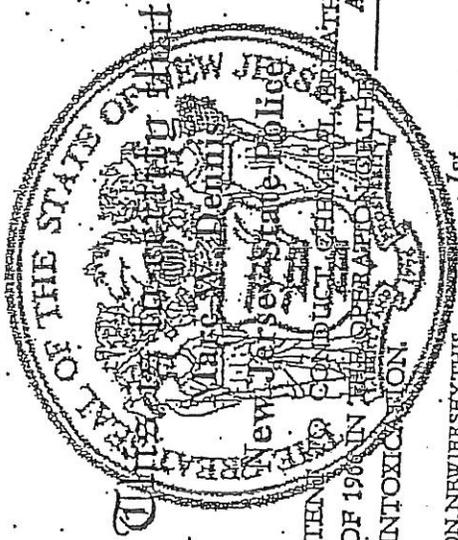
DATE	Refresher Course PLACE	INSTRUCTOR
1. 11/10/99	O.C.P.A.	Cambria
2. 11-14-01	ACTC	Ken Haggan
3. 3-17-03	ACTC	G. Potter
4. 10-6-05	ACTC	H. Potter
5. 11-18-07	OCPA	C. Potter
6.		
7.		
8.		
9.		

S.P. 2038 (Rev. 4/00)

DEPARTMENT OF

*James M. Smith*

*James M. Smith*



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

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 1st DAY OF DECEMBER

TWO THOUSAND AND FIVE

*Joseph P. ...*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY