

# Alcotest 7110 Calibration Record

## Equipment

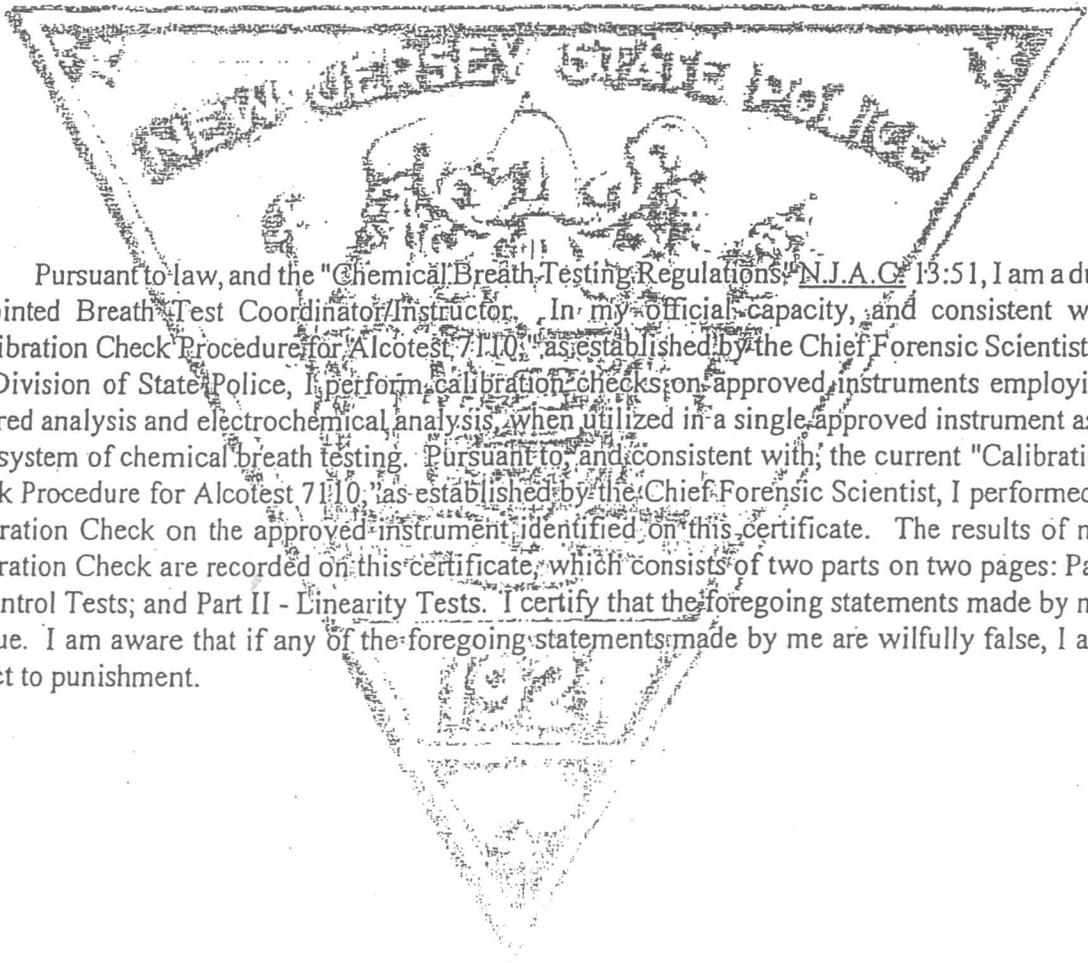
Alcotest 7110 MKIII-C  
Serial No.: ARNK-0074  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00376 Calib. Date: 12/03/2010 Calib. No.: 00014  
Certification File No.: 00344 Cert. Date: 06/21/2010 Cert. No.: 00009  
Linearity File No.: 00345 Lin. Date: 06/21/2010 Lin. No.: 00009  
Solution File No.: 00371 Soln. Date: 11/10/2010 Soln. No.: 00089  
Sequential File No.: 00376 File Date: 12/03/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0060  
Control Solution %: 0.100% Expires: 04/22/2011  
Solution Control Lot: 09D065 Bottle No.: 0864

## Coordinator

Last Name: DENNIS First Name: MARC MI: W.  
Signature: TPR. I [Signature] Dennis # 5925 Badge No.: 5925  
Date: 12/03/2010

\*Black Key Temperature Probe Serial.....# DDX P2-323 (MD)  
\*Digital NIST Temperature Measuring System Serial.....# 101685685 (MD)



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  
SOUTH BRUNSWICK POLICE  
Serial No.: ARNK-0074

Calibration File No.: 00376      Calib. Date: 12/03/2010      Calib. No.: 00014  
Certification File No.: 00377      Cert. Date: 12/03/2010      Cert. No.: 00010  
Linearity File No.: 00345      Lin. Date: 06/21/2010      Lin. No.: 00009  
Solution File No.: 00371      Soln. Date: 11/10/2010      Soln. No.: 00089  
Sequential File No.: 00377      File Date: 12/03/2010

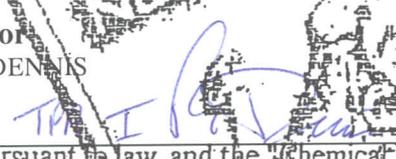
Calibrating Unit: WET      Model No.: CU-34      Serial No.: DDUF S3-0060  
Control Solution %: 0.100%      Expires: 04/22/2011  
Solution Control Lot: 09D065      Bottle No.: 0864

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:52S		
Control 1 EC	0.100%	12:53S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:53S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:53S		
Control 2 EC	0.100%	12:54S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	12:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:55S		
Control 3 EC	0.099%	12:56S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:56S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:56S		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

Signature: 

First Name: STARC

Badge No. 5925

Date: 12/03/2010

MI: W.

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Inspector. 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 of 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

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0074  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00376 Calib. Date: 12/03/2010 Calib. No.: 00014  
Certification File No.: 00377 Cert. Date: 12/03/2010 Cert. No.: 00010  
Linearity File No.: 00378 Lin. Date: 12/03/2010 Lin. No.: 00010  
Solution File No.: 00371 Soln. Date: 11/10/2010 Soln. No.: 00089  
Sequential File No.: 00378 File Date: 12/03/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0186  
Control Solution %: 0.040% Expires: 01/12/2012  
Solution Control Lot: 10A073 Bottle No.: 0782

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0188  
Control Solution %: 0.080% Expires: 01/15/2012  
Solution Control Lot: 10A074 Bottle No.: 1305

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0191  
Control Solution %: 0.160% Expires: 01/21/2012  
Solution Control Lot: 10A075 Bottle No.: 0112

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:13S		
Control 1 EC	0.041%	13:14S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.042%	13:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15S		
Control 2 EC	0.041%	13:16S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	13:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17S		
Control 3 EC	0.081%	13:18S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.082%	13:18S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:20S		
Control 4 EC	0.081%	13:20S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:22S		
Control 5 EC	0.163%	13:22S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.163%	13:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:24S		
Control 6 EC	0.162%	13:25S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	13:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26S		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: TPR. I [Signature] # 5925

Badge No.: 5925

Date: 12/03/2010

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARNK-0074
Location:	SOUTH BRUNSWICK POLICE		
Calibration File No.:	00376	Calib. Date:	12/03/2010
Certification File No.:	00377	Cert. Date:	12/03/2010
Linearity File No.:	00378	Lin. Date:	12/03/2010
Solution File No.:	00379	Soln. Date:	12/03/2010
Sequential File No.:	00379	File Date:	12/03/2010
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUF S3-0060
Solution Control Lot:	09I069	Expires:	09/18/2011
		Bottle No.:	0384

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:33S		
Control 1 EC	0.102%	14:34S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:34S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:35S		
Control 2 EC	0.101%	14:35S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	14:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:36S		
Control 3 EC	0.101%	14:37S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:38S		

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 # DDSF P2-0416 P2

**Changed By:**

Last Name: DENNIS

First Name: MARC

MI: W.

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

TAL I / G Dennis #5925

Badge No.: 5925

Date: 12/03/2010



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:

DDXDS3-0186

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

Model: MARK IIA

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

Serial Number:

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)

Dräger 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

Dräger Safety Diagnostics, Inc.  
Technical Service Department

DM



Calibration  
Certificate No. 1750.Q1

Calibration complies with ISO 9001  
ISO/IEC 17025 AND ANSI/NCCL 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 Berry*  
Wallace Berry, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

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

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

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



JON S. CORZINE  
Governor

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

ANNE MILGRAM  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

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

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

MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 5/08/2009

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 09D065

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1201 to 0.1210 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is April 22, 2011.

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

Ajit R. Tungare  
Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 19<sup>th</sup> day of May, 2009.

Notary

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



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State of New Jersey

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CHRIS CHRISTIE  
Governor

PAULA T. DOW  
Acting Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

CERTIFICATION OF ANALYSIS  
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

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

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

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

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

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

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

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

  
Notary

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



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 DEPARTMENT OF LAW AND PUBLIC SAFETY  
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CHRIS CHRISTIE  
 Governor

PAULA T. DOW  
 Acting Attorney General

COLONEL JOSEPH R. FUENTES  
 Superintendent

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

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

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

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A074

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

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

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

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

Sworn to and subscribed before me this 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  
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 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.

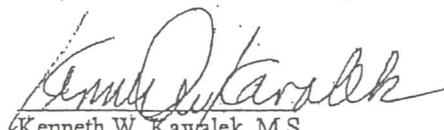
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/4/2010

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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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: Drager Safety, Inc. ANALYSIS DATE: 10/13/2009

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 091069

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 0.1204 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 September 18, 2011.

As Forensic Laboratory Director 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.

Handwritten signature of Howard J. Baum

Howard J. Baum, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 20th day of October, 2009.

Handwritten signature of Linda L. Desantis
Notary

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



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Printed on Recycled Paper and Recyclable



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:

08-01-08

SERIAL NUMBER:

ARNK-0074

Draeger Safety Diagnostics, Inc.



#1



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:

DDUF53-0060

Certification Date

Technician

Re-Certification Due Date

6-23-2010

[Signature]

6-23-2011

#1

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:

DDSE P2-0416

6/21/10

6/21/11

Probe Value

103

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

DM

DEPARTMENT OF  
*Traffic and Public Safety*

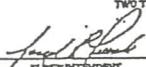
This is to certify that

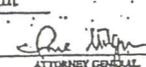
  
 Marc W. Dennis  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHASE COURSE TRAINING PURSUANT TO CHAPTER 142 OF THE LAWS OF 1946 IN THE OPERATION OF THE CHASE COURSE AS A METHOD OF DETERMINING TOXICATION, COORDINATOR/INSTRUCTOR

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 8th DAY OF November

TWO THOUSAND AND Eight

  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2938 (Rev. 07/07)

DEPARTMENT OF  
**Traffic and Public Safety**

This is to certify that

**Marc W. Dennis**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT AND OPERATE THE FURNACHTO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE **ALCOHOL/7110 MK III-C** A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND ATTENTION, NEW JERSEY, 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 AND OPERATE THE FURNACHTO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE **7 breathalyzer** A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND ATTENTION, NEW JERSEY, 26th DAY OF Sept. TWO THOUSAND AND 01

*[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. <u>12-19-07</u>	<u>Ocean Co. PA</u>	<u>Potter</u>
2. <u>3/12/09</u>	<u>MORRIS CO. PA</u>	<u>H. Miller</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 07/07)

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

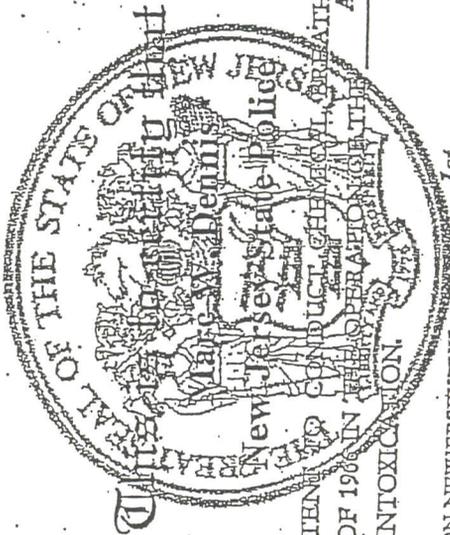
DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambria</u>
2. <u>11-14-01</u>	<u>ACTC</u>	<u>Rick Johnson</u>
3. <u>7-17-01</u>	<u>ACTC</u>	<u>[Signature]</u>
4. <u>10-6-05</u>	<u>ACTC</u>	<u>[Signature]</u>
5. <u>11-14-07</u>	<u>OCPA</u>	<u>C. Potts</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 4/00)

DEPARTMENT OF

# Alcohol and Traffic Safety

# State



IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1960 IN THE OPERATION OF THE ALCOHOL TEST 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