

# Alcotest 7110 Calibration Record

## Equipment

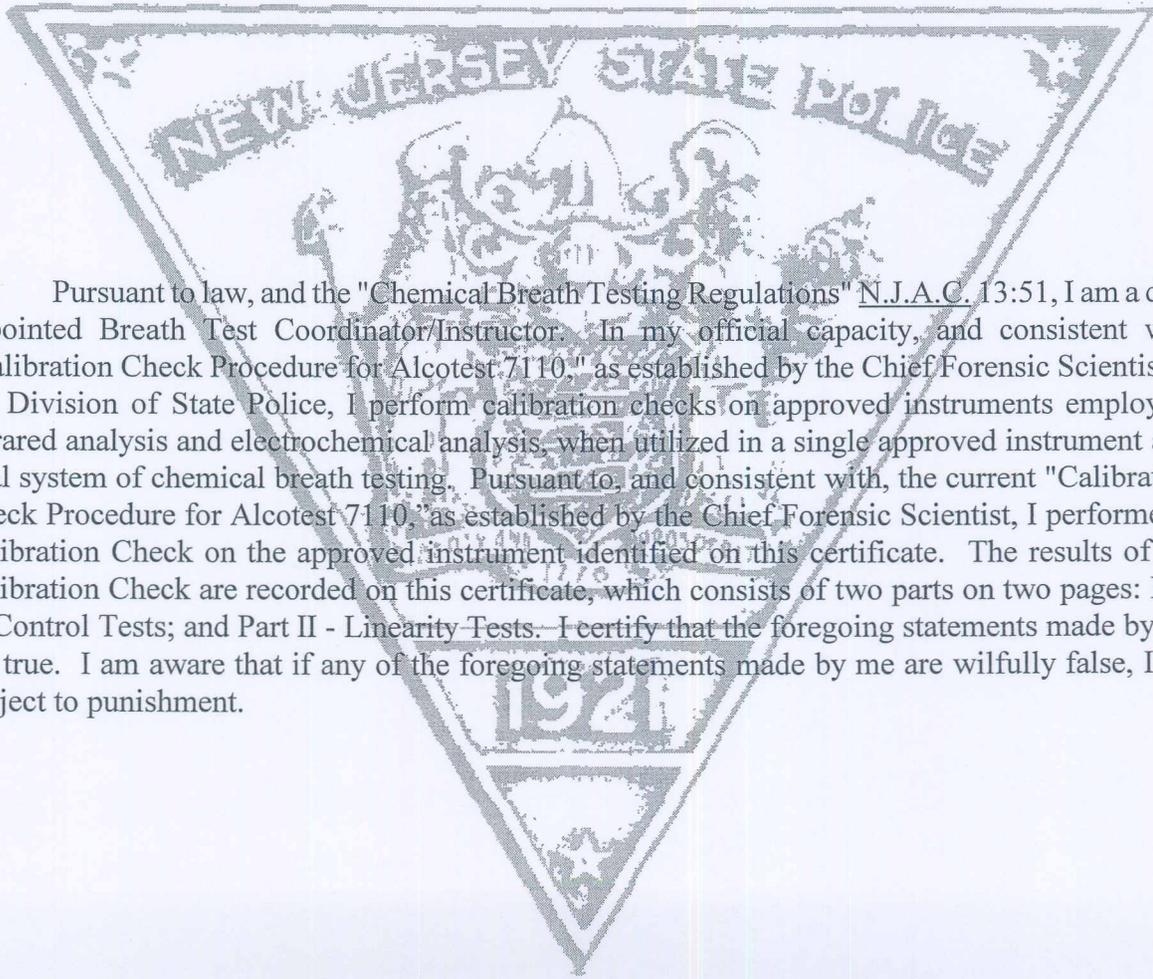
Alcotest 7110 MKIII-C  
Serial No.: ARNK-0074  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00411 Calib. Date: 05/04/2011 Calib. No.: 00017  
Certification File No.: 00377 Cert. Date: 12/03/2010 Cert. No.: 00010  
Linearity File No.: 00378 Lin. Date: 12/03/2010 Lin. No.: 00010  
Solution File No.: 00409 Soln. Date: 04/20/2011 Soln. No.: 00098  
Sequential File No.: 00411 File Date: 05/04/2011

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061  
Control Solution %: 0.100% Expires: 06/14/2012  
Solution Control Lot: 10F080 Bottle No.: 1243

## Coordinator

Last Name: DENNIS First Name: MARC MI: W.  
Signature: T.P.R. I [Signature] #5925 Badge No.: 5925  
Date: 05/04/2011

\*Black Key Temperature Probe Serial .....# DDXK P2-323 (MD)  
\*Digital NIST Thermometer 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 Serial No.: ARNK-0074  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00411 Calib. Date: 05/04/2011 Calib. No.: 00017  
Certification File No.: 00412 Cert. Date: 05/04/2011 Cert. No.: 00011  
Linearity File No.: 00378 Lin. Date: 12/03/2010 Lin. No.: 00010  
Solution File No.: 00409 Soln. Date: 04/20/2011 Soln. No.: 00098  
Sequential File No.: 00412 File Date: 05/04/2011

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061  
Control Solution %: 0.100% Expires: 06/14/2012  
Solution Control Lot: 10F080 Bottle No.: 1243

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:59D		
Control 1 EC	0.099%	10:59D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:00D		
Control 2 EC	0.099%	11:00D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:01D		
Control 3 EC	0.099%	11:02D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:02D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02D		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: 

Badge No.: 5925

Date: 05/04/2011

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

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.

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# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0074  
Location: SOUTH BRUNSWICK POLICE  
Calibration File No.: 00411 Calib. Date: 05/04/2011 Calib. No.: 00017  
Certification File No.: 00412 Cert. Date: 05/04/2011 Cert. No.: 00011  
Linearity File No.: 00413 Lin. Date: 05/04/2011 Lin. No.: 00011  
Solution File No.: 00409 Soln. Date: 04/20/2011 Soln. No.: 00098  
Sequential File No.: 00413 File Date: 05/04/2011

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0186  
Control Solution %: 0.040% Expires: 01/21/2012  
Solution Control Lot: 10A073 Bottle No.: 0589

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.: 1051

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.: 1044

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:19D		
Control 1 EC	0.040%	11:20D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	11:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:21D		
Control 2 EC	0.040%	11:21D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	11:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:23D		
Control 3 EC	0.079%	11:23D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	11:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:25D		
Control 4 EC	0.079%	11:25D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	11:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:27D		
Control 5 EC	0.159%	11:27D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	11:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:28D		
Control 6 EC	0.159%	11:29D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	11:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:30D		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

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

*Marc I Dennis #5925*

Badge No.: 5925

Date: 05/04/2011

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0074  
 Location: SOUTH BRUNSWICK POLICE  
 Calibration File No.: 00411 Calib. Date: 05/04/2011 Calib. No.: 00017  
 Certification File No.: 00412 Cert. Date: 05/04/2011 Cert. No.: 00011  
 Linearity File No.: 00413 Lin. Date: 05/04/2011 Lin. No.: 00011  
 Solution File No.: 00414 Soln. Date: 05/04/2011 Soln. No.: 00099  
 Sequential File No.: 00414 File Date: 05/04/2011

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0061  
 Control Solution %: 0.100% Expires: 12/16/2012  
 Solution Control Lot: 10L084 Bottle No.: 0144

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:37D		
Control 1 EC	0.100%	12:38D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:38D		
Control 2 EC	0.100%	12:39D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:39D		
Control 3 EC	0.100%	12:40D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:40D		

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 # DDUJ P2-215 (16)

**Changed By:**

Last Name: DENNIS

First Name: MARC

MI: W.

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

*Marc I Dennis # 5925*

Badge No.: 5925

Date: 05/04/2011



**Dräger**

# 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

February 7, 2011

zm

February 7, 2012



**Dräger**

# 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

February 7, 2011

zm

February 7, 2012



**Dräger**

# 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

February 7, 2011

am

February 7, 2012

# Dräger

## 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:

DDXKP2-323

February 7, 2011

February 7, 2012

Probe Value

104

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



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



Calibration  
Certificate No. 1750.Q1

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-01805-2008-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  
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(609) 882-2000

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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.

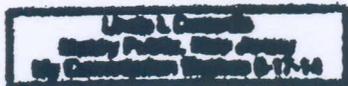
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

Notary



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 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.

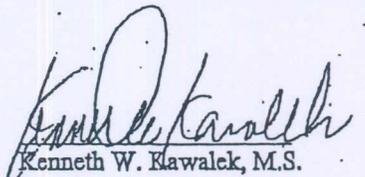
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

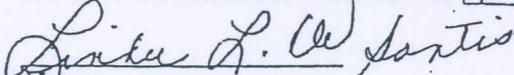
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

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 in 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  
 Commission Expires 6-17-14



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 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.

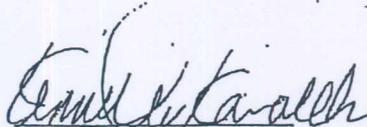
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/3/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A074

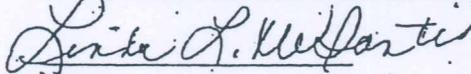
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0954 to 0.0958 grams per 100 milliliters of solution.

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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Acting Attorney General

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Superintendent

CHRIS CHRISTIE  
Governor

**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.

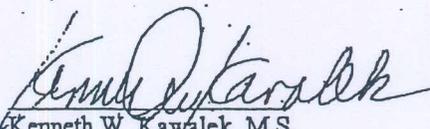
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/4/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A075

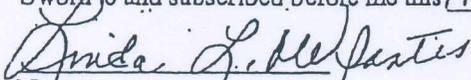
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1913 to 0.1919 grams per 100 milliliters of solution.

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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PAULA T. DOW
Attorney General

KIM GUADAGNO
Lt. Governor

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: 1/19/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10L084

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1185 to 0.1190 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 December 16, 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.

Handwritten signature of Kenneth W. Kawalek

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

Sworn to and subscribed before me this 24th day of January, 2011.

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



**Dräger**

**Alcotest® 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:

4/20/2011

SERIAL NUMBER:

ARNK-0074

Draeger Safety Diagnostics, Inc.

\_\_\_\_\_ *AS*



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:

DDUES3-0061

Certification Date

1-24-11

Technician

mm

Re-Certification Due Date

1-24-12

# Dräger

## 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

DDUJP2-215

Certification date:

1-24-11

Next Certification due:

1-24-12

Probe Value

104

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

mm

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 TESTS AND ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE BREATH TEST COORDINATOR/INSTRUCTOR A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, 15th DAY OF November

TWO THOUSAND AND Eight

*[Signature]*  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

**ORIGINAL COURSE DATES**

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

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 BREATH ANALYSES PURSUANT TO CHAPTER 143 OF THE LAWS OF 1966 IN THE OPERATION OF THE **Breathalyzer**  
A METHOD TO DETERMINE INTOXICATION.

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

*Cum P. Kelly*  
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 BREATH ANALYSES PURSUANT TO CHAPTER 143 OF THE LAWS OF 1966 IN THE OPERATION OF THE **ALCOHOL TEST 7110 MK III-C**  
A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 30th DAY OF April  
TWO THOUSAND AND Eight

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

	DATE	PLACE	INSTRUCTOR
	Refresher Course		
1.	11/10/99	O.C.P.A.	Cambria
2.	11-14-01	ACTC	<i>[Signature]</i>
3.	3-17-03	ACTC	<i>[Signature]</i>
4.	10-6-05	ACTC	<i>[Signature]</i>
5.	11-14-07	OCPA	C Potter
6.			
7.			
8.			
9.			

SP-293B (Rev. 4/00)

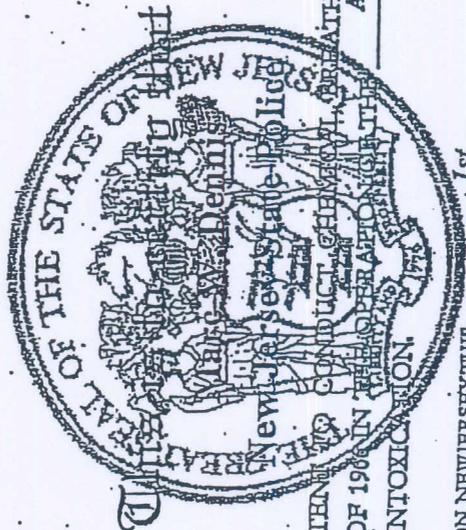
ORIGINAL COURSE DATES 12/1/2005

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	12-19-07	Ocean Co. PA	Potter
2.	3/12/09	MORRIS CO. PA	<i>[Signature]</i>
3.	2-10-11	SAYREVILLE PD	A. In
4.			
5.			
6.			
7.			
8.			
9.			

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

DEPARTMENT OF

# Motor Vehicle Safety



IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1986 IN THE OPERATION OF THE ALCOTEST 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