

# Alcotest 7110 Calibration Record

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTL-0005  
Location: PLAINSBORO TOWNSHIP PD  
Calibration File No.: 00634 Calib. Date: 07/06/2009 Calib. No.: 00010  
Certification File No.: 00579 Cert. Date: 01/20/2009 Cert. No.: 00007  
Linearity File No.: 00580 Lin. Date: 01/20/2009 Lin. No.: 00007  
Solution File No.: 00626 Soln. Date: 06/20/2009 Soln. No.: 00083  
Sequential File No.: 00634 File Date: 07/06/2009

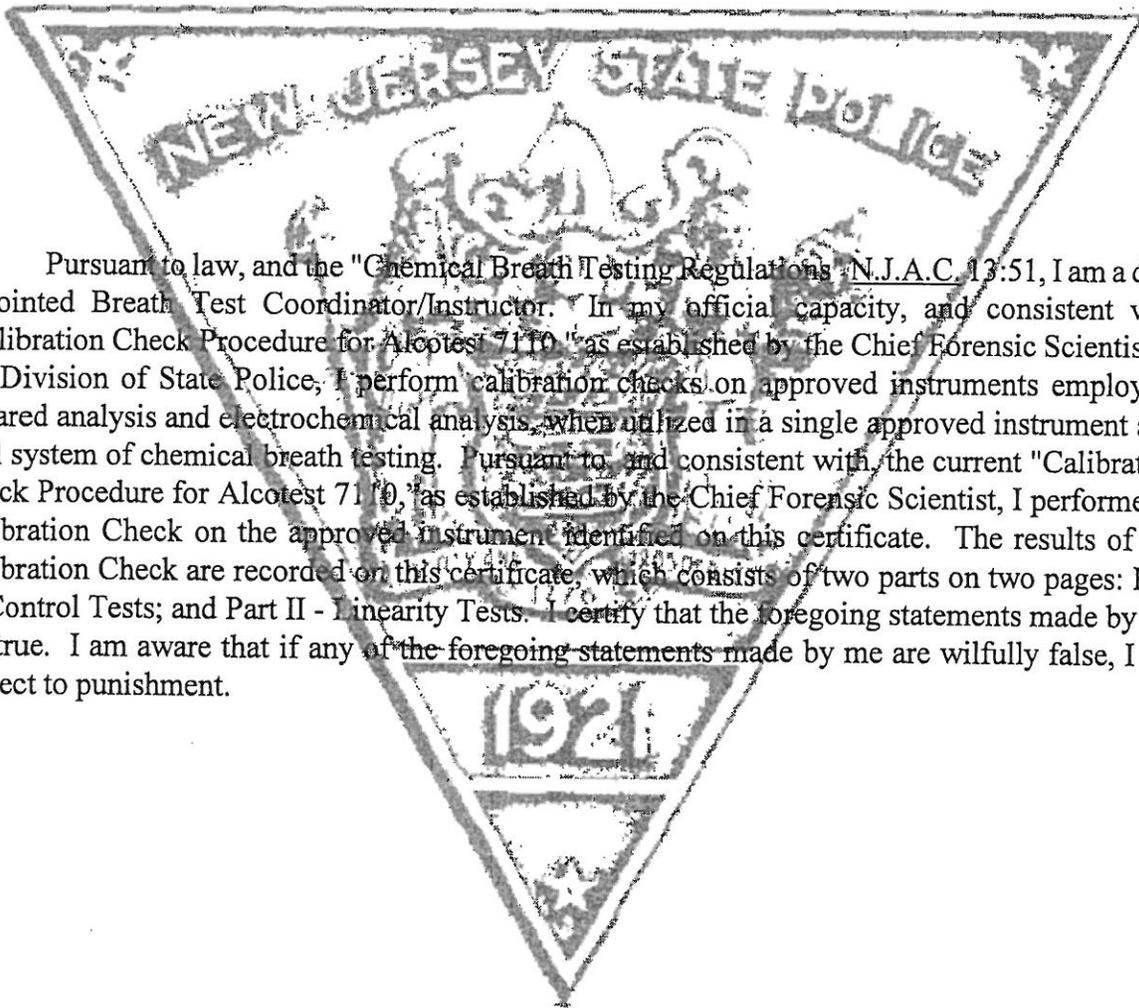
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0064  
Control Solution %: 0.100% Expires: 07/02/2010  
Solution Control Lot: 08G056 Bottle No.: 0226

## Coordinator

Last Name: SNYDER First Name: THOMAS MI: J.  
Signature: TPR. I Thomas J. Snyder #5792 Badge No.: 5792  
Date: 07/06/2009

\*Black Key Temperature Probe Serial.....# DDUN P2-229 JGS

\*Digital NIST Temperature Measuring System Serial.....# 806 375 77 JGS



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.: ARTL-0005  
Location: PLAINSBORO TOWNSHIP PD  
Calibration File No.: 00634 Calib. Date: 07/06/2009 Calib. No.: 00010  
Certification File No.: 00635 Cert. Date: 07/06/2009 Cert. No.: 00008  
Linearity File No.: 00580 Lin. Date: 01/20/2009 Lin. No.: 00007  
Solution File No.: 00626 Soln. Date: 06/20/2009 Soln. No.: 00083  
Sequential File No.: 00635 File Date: 07/06/2009

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0064  
Control Solution %: 0.100% Expires: 07/02/2010  
Solution Control Lot: 08G056 Bottle No.: 0226

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:37D		
Control 1 EC	0.098%	14:38D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:38D		
Control 2 EC	0.098%	14:39D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	14:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:40D		
Control 3 EC	0.098%	14:40D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:41D		

All tests within acceptable tolerance.

### Coordinator

Last Name: SNYDER

First Name: THOMAS

MI: J.

Signature:

*THOMAS J. SNYDER*

Badge No.: 5792

Date: 07/06/2009

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTL-0005  
Location: PLAINSBORO TOWNSHIP PD  
Calibration File No.: 00634 Calib. Date: 07/06/2009 Calib. No.: 00010  
Certification File No.: 00635 Cert. Date: 07/06/2009 Cert. No.: 00008  
Linearity File No.: 00636 Lin. Date: 07/06/2009 Lin. No.: 00008  
Solution File No.: 00626 Soln. Date: 06/20/2009 Soln. No.: 00083  
Sequential File No.: 00636 File Date: 07/06/2009

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0003  
Control Solution %: 0.040% Expires: 06/26/2010  
Solution Control Lot: 08F054 Bottle No.: 1244

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0184  
Control Solution %: 0.080% Expires: 06/28/2010  
Solution Control Lot: 08F055 Bottle No.: 0821

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0009  
Control Solution %: 0.160% Expires: 07/07/2010  
Solution Control Lot: 08G057 Bottle No.: 0410

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:21D		
Control 1 EC	0.040%	15:22D	33.8°C	*** TEST PASSED ***
Control 1 IR	0.039%	15:22D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:23D		
Control 2 EC	0.039%	15:24D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.037%	15:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:25D		
Control 3 EC	0.080%	15:26D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	15:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:28D		
Control 4 EC	0.078%	15:28D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.076%	15:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:30D		
Control 5 EC	0.156%	15:30D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.153%	15:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:32D		
Control 6 EC	0.156%	15:32D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.157%	15:32D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:34D		

All tests within acceptable tolerance.

### Coordinator

Last Name: SNYDER

First Name: THOMAS

MI: J.

Signature: TH. J. Snyder #5792

Badge No.: 5792

Date: 07/06/2009

# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD	
Calibration File No.:	00634	Calib. Date: 07/06/2009
Certification File No.:	00635	Cert. No.: 00008
Linearity File No.:	00636	Lin. Date: 07/06/2009
Solution File No.:	00637	Soln. No.: 00084
Sequential File No.:	00637	File Date: 07/06/2009
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUF S3-0064
Solution Control Lot:	08G058	Expires: 07/23/2010
		Bottle No.: 0912

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:41D		
Control 1 EC	0.100%	16:42D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	16:42D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:43D		
Control 2 EC	0.099%	16:43D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:44D		
Control 3 EC	0.099%	16:44D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	16:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:45D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

TEMPERATURE PROBE SERIAL NUMBER: NSFP2-0396

(TJS)

**Changed By:**

Last Name: SNYDER

First Name: THOMAS

MI: J.

Signature: T.P. J. Thomas J. Snyder #5792

Badge No.: 5792

Date: 07/06/2009



Drägersafety

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

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

Serial Number:

DDK53-1003

Certification Date

Technician

Re-Certification Due Date

02/03/2009

[Signature]

02/03/2010



Drägersafety

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

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

Serial Number:

DDK53-0184

Certification Date

Technician

Re-Certification Due Date

02/03/2009

[Signature]

02/03/2010



Drägersafety

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

**Draeger Safety Diagnostics, Inc.**

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

Serial Number:

DDSC 53.0009

Certification Date

02-03-09

Technician

[Signature]

Re-Certification Due Date

02-03-10

## 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

DDUNP2-229

Certification date:

02/03/2009

Next Certification due:

02/03/2010

Probe Value

103

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

[Signature]



Calibration  
Certificate No. 1750.01

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



**Cert. No.: 4000-2035919**

**Traceable® Certificate of Calibration for Digital Thermometer**

**Instrument Identification:**

Model: 61220-601      S/N: 80637577      Manufacturer : Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Probe	149	3/06/09	A82225037-3
Thermistor Module	A27129	8/22/09	1000248949
Temperature Calibration Bath TC218	A73332		
Temperature Calibration Bath TC155	93139		
Thermistor Module	A27129	8/22/09	1000248949
Temperature Probe	157	5/28/09	A8519038-4

**Certificate Information:**

Technician: 68      Procedure: CAL-06      Cal Date: 11/18/08      Cal Due: 11/18/10  
 Test Conditions:    25.0°C      34.0 %RH    1031 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±uc	TUR
°C		N.A.		0.001	0.000	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.001	24.998	Y	24.951	25.051	0.013	3.8:1
°C		N.A.		60.001	60.000	Y	59.951	60.051	0.018	2.8:1
°C		N.A.		100.001	99.997	Y	99.951	100.051	0.013	3.8:1

**This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.**

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±uc=Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Date=MM/DD/YY

*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 9001:2000 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-AQ-HOU.  
 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

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: 07/24/2008

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 08G056

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1227 to 0.1236 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 July 2, 2010.

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 13th day of August, 2008.

Linda L. DeSantis (Handwritten signature)
Notary

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





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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JON S. CORZINE
Governor

ANNE MILGRAM
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 07/16/2008

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 08F054

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0487 to 0.0493 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 26, 2010.

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 19th day of August, 2008.

Notary (Handwritten signature of John R. Leaver)

JOHN R. LEAVER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES 12/14/2012





State of New Jersey  
 OFFICE OF THE ATTORNEY GENERAL  
 DEPARTMENT OF LAW AND PUBLIC SAFETY  
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JON S. CORZINE  
 Governor

ANNE MILGRAM  
 Attorney General  
 COLONEL JOSEPH R. FUENTES  
 Superintendent

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

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

**MANUFACTURER:** Drager Safety, Inc.      **ANALYSIS DATE:** 07/25/2008

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 08F055

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0977 to 0.0984 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 28, 2010.

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

Sworn to and subscribed before me this 19<sup>th</sup> day of August, 2008.

*John R. Leaver*  
 \_\_\_\_\_  
 Notary

JOHN R. LEAVER  
 NOTARY PUBLIC STATE OF NEW JERSEY  
 MY COMMISSION EXPIRES 12/14/2012





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 Superintendent

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

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.188 to 0.199 grams per 100 milliliters of solution.

**MANUFACTURER:** Drager Safety, Inc.      **ANALYSIS DATE:** 07/28/2008

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 08G057

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1956 to 0.1959 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 July 7, 2010.

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

Sworn to and subscribed before me this 19<sup>th</sup> day of August, 2008.

*John R. Leaver*  
 Notary  
 JOHN R. LEAVER  
 NOTARY PUBLIC STATE OF NEW JERSEY  
 MY COMMISSION EXPIRES 12/14/2012





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 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:** 08/28/2008

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 08G058

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1228 to 0.1234 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 July 23, 2010.

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 22<sup>nd</sup> day of September, 2008.

Notary

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



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

**Thomas J. Snyder**  
New Jersey State Police

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

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 22nd DAY OF February  
TWO THOUSAND AND SIX

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES \_\_\_\_\_

DATE	Refresher Course PLACE	INSTRUCTOR
03/27/08	SUSSEX F.A.	M. Ruse

S.P. 293B (Rev. 01/06)

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

**Thomas J. Snyder**  
Breath Test Coordinator/Instructor

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

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 17th DAY OF June  
TWO THOUSAND AND SIX

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES \_\_\_\_\_

DATE	Refresher Course PLACE	INSTRUCTOR
03/27/08	SUSSEX F.A.	M. Ruse

S.P. 293B (Rev. 01/06)

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

**Thomas J. Snyder**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Breathalyzer A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 11th DAY OF Aug.  
TWO THOUSAND AND 00

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES \_\_\_\_\_

DATE	Refresher Course PLACE	INSTRUCTOR
11-14-01	ACTC	M. Johnson
5-5-03	OCPA	[Signature]
4-4-05	ACTC	[Signature]
7-26-07	OLPA	A. Stender

SP-293B (Rev. 11/09)

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:

01/22/2007

SERIAL NUMBER:

ARTL-0005

Draeger Safety Diagnostics, Inc.  
Durango, CO

CRD

**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

DDSEF2-0396

Certification date:

12-31-2008

Next Certification due:

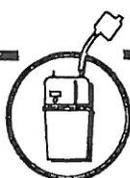
12-31-2009

Probe Value

104

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

[Signature]



**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:

DDUES3-8064

Certification Date

12-31-2008

Technician

[Signature]

Re-Certification Due Date

12-31-2009