

# Alcotest 7110 Calibration Record

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARZL-0146  
Location: WALL TOWNSHIP POLICE  
Calibration File No.: 00161 Calib. Date: 05/03/2010 Calib. No.: 00006  
Certification File No.: 00087 Cert. Date: 11/12/2009 Cert. No.: 00003  
Linearity File No.: 00088 Lin. Date: 11/12/2009 Lin. No.: 00003  
Solution File No.: 00156 Soln. Date: 04/20/2010 Soln. No.: 00027  
Sequential File No.: 00161 File Date: 05/03/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-113  
Control Solution %: 0.100% Expires: 04/22/2011  
Solution Control Lot: 09D065 Bottle No.: 0608

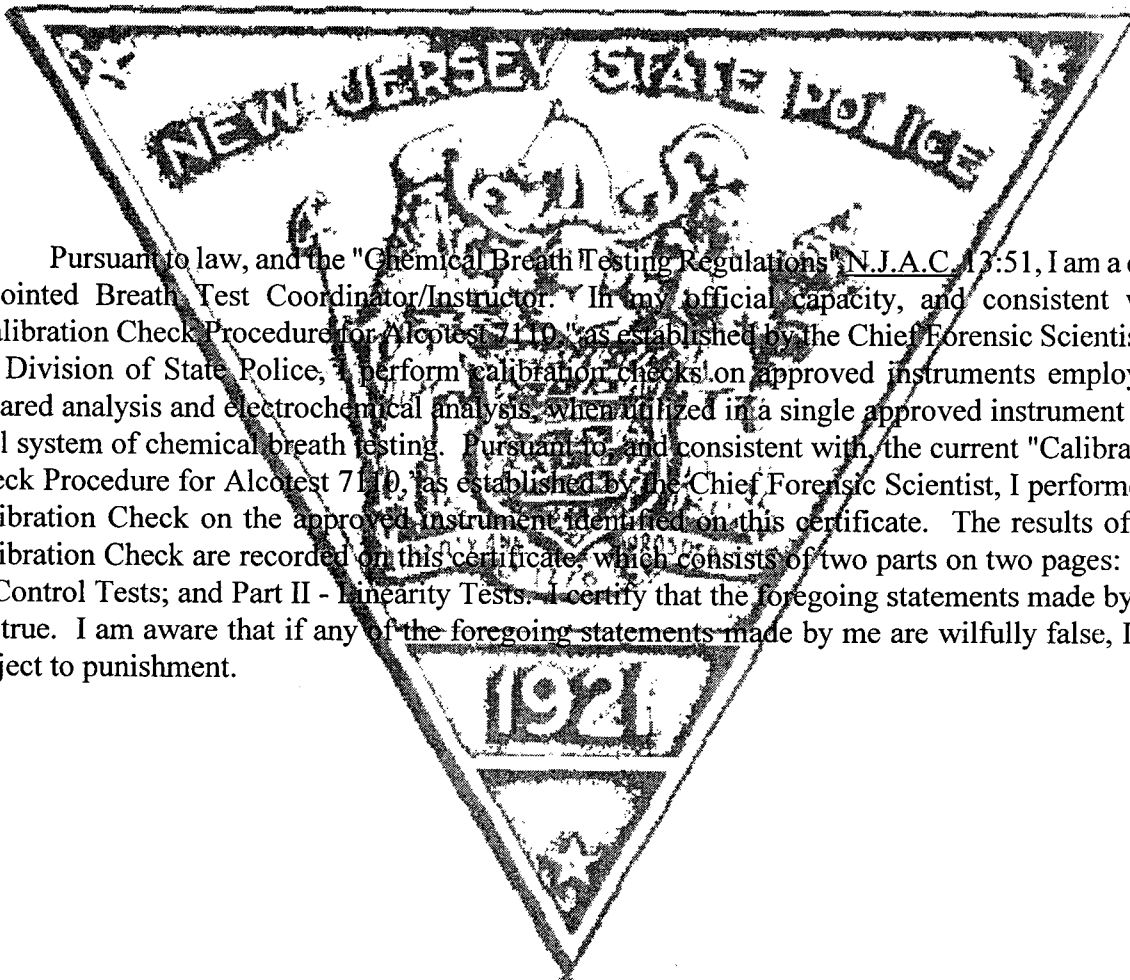
## Coordinator

Last Name: SNYDER First Name: THOMAS MI: J.

Signature: TPR. I Thomas J. Snyder #5792 Badge No.: 5792  
Date: 05/03/2010

\*Black Key Temperature Probe Serial.....# DDXK P2-416 JJS

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



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 17:27, 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.: ARZL-0146  
Location: WALL TOWNSHIP POLICE  
Calibration File No.: 00161 Calib. Date: 05/03/2010 Calib. No.: 00006  
Certification File No.: 00162 Cert. Date: 05/03/2010 Cert. No.: 00004  
Linearity File No.: 00088 Lin. Date: 11/12/2009 Lin. No.: 00003  
Solution File No.: 00156 Soln. Date: 04/20/2010 Soln. No.: 00027  
Sequential File No.: 00162 File Date: 05/03/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-113  
Control Solution %: 0.100% Expires: 04/22/2011  
Solution Control Lot: 09D065 Bottle No.: 0608

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:52D		
Control 1 EC	0.099%	12:52D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:53D		
Control 2 EC	0.098%	12:54D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:54D		
Control 3 EC	0.098%	12:55D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:56D		

All tests within acceptable tolerance.

### Coordinator

Last Name: SNYDER

First Name: THOMAS

MI: J.

Signature:

*TPR. I Thomas J. Snyder # 5792*

Badge No.: 5792

Date: 05/03/2010

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.: ARZL-0146  
**Location:** WALL TOWNSHIP POLICE  
**Calibration File No.:** 00161 **Calib. Date:** 05/03/2010 **Calib. No.:** 00006  
**Certification File No.:** 00162 **Cert. Date:** 05/03/2010 **Cert. No.:** 00004  
**Linearity File No.:** 00163 **Lin. Date:** 05/03/2010 **Lin. No.:** 00004  
**Solution File No.:** 00156 **Soln. Date:** 04/20/2010 **Soln. No.:** 00027  
**Sequential File No.:** 00163 **File Date:** 05/03/2010

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0003  
**Control Solution %:** 0.040% **Expires:** 01/12/2012  
**Solution Control Lot:** 10A073 **Bottle No.:** 0229

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0184  
**Control Solution %:** 0.080% **Expires:** 01/15/2012  
**Solution Control Lot:** 10A074 **Bottle No.:** 0229

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDSC S3-0009  
**Control Solution %:** 0.160% **Expires:** 01/21/2012  
**Solution Control Lot:** 10A075 **Bottle No.:** 0229

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:11D		
Control 1 EC	0.042%	13:12D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		
Control 2 EC	0.041%	13:14D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15D		
Control 3 EC	0.082%	13:16D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	13:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17D		
Control 4 EC	0.080%	13:18D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:20D		
Control 5 EC	0.160%	13:20D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:22D		
Control 6 EC	0.159%	13:23D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	13:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:24D		

All tests within acceptable tolerance.

### Coordinator

Last Name: SNYDER

First Name: THOMAS

MI: J.

Signature:

*TPR. I Thomas J. Snyder # 5792*

Badge No.: 5792

Date: 05/03/2010

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARZL-0146  
Location: WALL TOWNSHIP POLICE  
Calibration File No.: 00161 Calib. Date: 05/03/2010 Calib. No.: 00006  
Certification File No.: 00162 Cert. Date: 05/03/2010 Cert. No.: 00004  
Linearity File No.: 00163 Lin. Date: 05/03/2010 Lin. No.: 00004  
Solution File No.: 00164 Soln. Date: 05/03/2010 Soln. No.: 00028  
Sequential File No.: 00164 File Date: 05/03/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-113  
Control Solution %: 0.100% Expires: 12/31/2011  
Solution Control Lot: 09L072 Bottle No.: 1155

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:33D		
Control 1 EC	0.102%	14:34D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:34D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:35D		
Control 2 EC	0.100%	14:35D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:36D		
Control 3 EC	0.100%	14:37D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:37D		

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: DDWS P2-284

*(Signature)*

**Changed By:**

Last Name: SNYDER

First Name: THOMAS

MI: J.

Signature: *THOMAS J. SNYDER #5792*

Badge No.: 5792

Date: 05/03/2010



**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:

DDRKS 3-0003

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:

DDXDS3-0184

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

2/3/11



**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:

DDSCS3-0009

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

2/3/11

## **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

Certification date:

Next Certification due:

DDXKP2-416

2/5/10

2/5/11

Probe Value

102

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

DM



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

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: 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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CHRIS CHRISTIE
Governor

PAULA T. DOW
Acting 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: 1/15/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 09L072

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1203 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 December 31, 2011.

As the Director of Office of Forensic Sciences, 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.
Director, Office of Forensic Sciences
Division of State Police

Sworn to and subscribed before me this 21 day of January, 2010.

Handwritten signature of John R. Leaver
Notary

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



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Governor

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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.

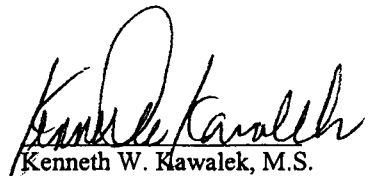
**MANUFACTURER:** Drager Safety, Inc.      **ANALYSIS DATE:** 2/2/2010

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 10A073

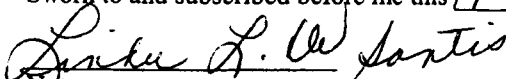
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

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



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Governor

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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.

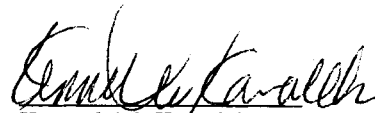
**MANUFACTURER:** Drager Safety, Inc.      **ANALYSIS DATE:** 2/3/2010

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 10A074

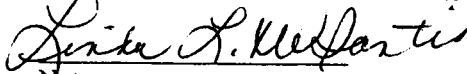
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0954 to 0.0958 grams per 100 milliliters of solution.

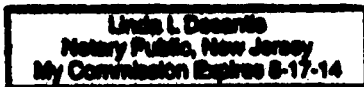
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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



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CHRIS CHRISTIE  
 Governor

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 Acting Attorney General

COLONEL JOSEPH R. FUENTES  
 Superintendent

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

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


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

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A075**

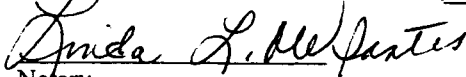
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1913 to 0.1919 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is January 21, 2012.

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

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

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

  
 Notary

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



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Calibration  
Certificate No. 1750.01

**Calibration complies with ISO 9001  
ISO/IEC 17025 AND ANSI/NC SL 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).

DEPARTMENT OF  
**Traffic 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
1.	03/27/08	SUSSEX F.A.	M. Ruler
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

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

DEPARTMENT OF  
**Traffic 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
1.	03/27/08	SUSSEX F.A.	M. Ruler
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

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

DEPARTMENT OF  
**Traffic 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
1.	11-19-07	ALIC	R. [Signature]
2.	5-5-07	OLPA	[Signature]
3.	4-4-05	ALIC	[Signature]
4.	7-26-07	OLPA	A. [Signature]
5.			
6.			
7.			
8.			
9.			

SP-293B (Rev. 11/99)

**Dräger**safety

**Alcotest<sup>®</sup> 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 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:

SERIAL NUMBER:

02-18-2009

AKZL-0146

**Draeger Safety Diagnostics, Inc.**

A handwritten signature in black ink, appearing to be 'R. K.', is written over a horizontal line.



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:

DDXBS3-113

Certification Date

9-30-09

Technician

mm

Re-Certification Due Date

9-30-10

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

DDWJP2-284

Certification date:

9-30-09

Next Certification due:

9-30-10

Probe Value

101

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

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