

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Serial No.: ARZL-0146  
Location: WALL TOWNSHIP POLICE  
Calibration File No.: 00459 Calib. Date: 03/07/2012 Calib. No.: 00010  
Certification File No.: 00403 Cert. Date: 09/07/2011 Cert. No.: 00007  
Linearity File No.: 00404 Lin. Date: 09/07/2011 Lin. No.: 00007  
Solution File No.: 00457 Soln. Date: 02/28/2012 Soln. No.: 00083  
Sequential File No.: 00459 File Date: 03/07/2012

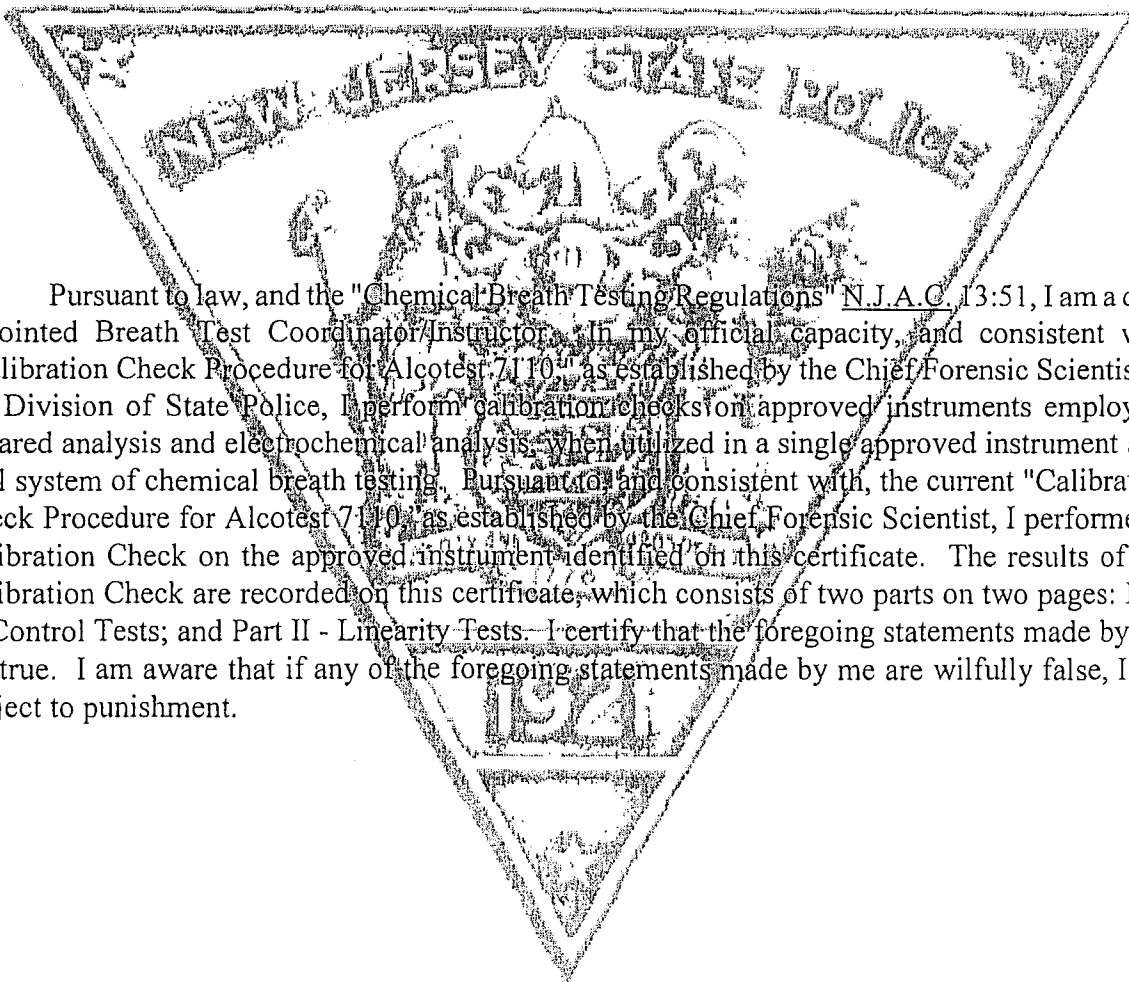
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-114  
Control Solution %: 0.100% Expires: 09/09/2012  
Solution Control Lot: 10I082 Bottle No.: 1146

## Coordinator

Last Name: DENNIS First Name: MARC MI: W.  
Signature: TPR. I [Signature] #5925 Badge No.: 5925  
Date: 03/07/2012

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

\*Digital NIST Thermometer Serial.....# 101625685 (MID)



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.: ARZL-0146  
Location: WALL TOWNSHIP POLICE  
Calibration File No.: 00459 Calib. Date: 03/07/2012 Calib. No.: 00010  
Certification File No.: 00460 Cert. Date: 03/07/2012 Cert. No.: 00008  
Linearity File No.: 00404 Lin. Date: 09/07/2011 Lin. No.: 00007  
Solution File No.: 00457 Soln. Date: 02/28/2012 Soln. No.: 00083  
Sequential File No.: 00460 File Date: 03/07/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-114  
Control Solution %: 0.100% Expires: 09/09/2012  
Solution Control Lot: 10I082 Bottle No.: 1146

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:01S		
Control 1 EC	0.100%	12:01S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:02S		
Control 2 EC	0.098%	12:03S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:03S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:04S		
Control 3 EC	0.099%	12:04S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	12:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:05S		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

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

Badge No.: 5925

Date: 03/07/2012

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  
Location: WALL TOWNSHIP POLICE  
Serial No.: ARZL-0146  
Calibration File No.: 00459 Calib. Date: 03/07/2012 Calib. No.: 00010  
Certification File No.: 00460 Cert. Date: 03/07/2012 Cert. No.: 00008  
Linearity File No.: 00461 Lin. Date: 03/07/2012 Lin. No.: 00008  
Solution File No.: 00457 Soln. Date: 02/28/2012 Soln. No.: 00083  
Sequential File No.: 00461 File Date: 03/07/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDxD S3-0186  
Control Solution %: 0.040% Expires: 06/27/2013  
Solution Control Lot: 11F090 Bottle No.: 1078

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDxD S3-0188  
Control Solution %: 0.080% Expires: 06/30/2013  
Solution Control Lot: 11F091 Bottle No.: 1352

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDxD S3-0191  
Control Solution %: 0.160% Expires: 07/03/2013  
Solution Control Lot: 11G092 Bottle No.: 1152

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:32S		
Control 1 EC	0.043%	12:33S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:34S		
Control 2 EC	0.040%	12:35S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	12:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:37S		
Control 3 EC	0.080%	12:37S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	12:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:39S		
Control 4 EC	0.080%	12:40S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	12:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:41S		
Control 5 EC	0.159%	12:42S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	12:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:44S		
Control 6 EC	0.156%	12:44S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	12:44S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:46S		

All tests within acceptable tolerance.

### Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

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

*Marc Dennis #5925*

Badge No.: 5925

Date: 03/07/2012

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARZL-0146
Location:	WALL TOWNSHIP POLICE	
Calibration File No.:	00459	Calib. Date: 03/07/2012
Certification File No.:	00460	Calib. No.: 00010
Linearity File No.:	00461	Cert. Date: 03/07/2012
Solution File No.:	00462	Cert. No.: 00008
Sequential File No.:	00462	Lin. Date: 03/07/2012
		Lin. No.: 00008
		Soln. Date: 03/07/2012
		Soln. No.: 00084
		File Date: 03/07/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXB S3-114
Solution Control Lot:	11C088	Expires: 03/31/2013
		Bottle No.: 0501

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:54S		
Control 1 EC	0.103%	13:55S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	13:55S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:55S		
Control 2 EC	0.100%	13:56S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	13:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:57S		
Control 3 EC	0.101%	13:58S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:59S		

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 # DDWJ P2-283 610

**Changed By:**

Last Name: DENNIS

First Name: MARC

MI: W.

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

MARC I DENNIS #5925

Badge No.: 5925

Date: 03/07/2012



**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:

DDXDS3-0186

Certification Date

Technician

Re-Certification Due Date

2/2/12

zm

2/2/13



**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

2/2/12

zm

2/2/13



**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

2/2/12

ZM

2/2/13

# 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

2/3/12

2/3/13

Probe Value

103

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

ZM



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-2924462

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, P.O. Box 2158, Secaucus, NJ 07094 U.S.A.

**Instrument Identification:**

Model: 61220-601      S/N: 101685685      Manufacturer : Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	11/19/10	A9B21010
Temperature Probe	128	12/10/10	A9B23079
Temperature Calibration Bath TC-231	A79341		
Temperature Probe	3039	12/10/10	A9B23080-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	7/09/10	1000264338
Temperature Probe	5202	3/11/11	B0310050
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	157	7/27/10	A9708011-4

**Certificate Information:**

Technician: 68      Procedure: CAL-06      Cal Date: 5/17/10      Cal Due: 5/17/12  
Test Conditions: 23.5°C      47.0 %RH      1017 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±uc	TUR
°C		N.A.		0.002	0.000	Y	-0.048	0.052	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.013	3.8:1
°C		N.A.		60.002	59.999	Y	59.952	60.052	0.018	2.8:1
°C		N.A.		100.000	99.999	Y	99.950	100.050	0.013	3.8:1

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

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

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

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Wallace 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).



State of New Jersey

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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: 9/23/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10I082

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1190 to 0.1194 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 9, 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, M.S.
Assistant Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 28th day of September, 2010.

Handwritten signature of Linda L. Desantis
Notary

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



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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: 7/21/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0485 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 27, 2013.

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

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

Sworn to and subscribed before me this 1st day of August, 2011.

Handwritten signature of Linda L. Desantis
Notary

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





State of New Jersey

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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: 7/22/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F091

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0973 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 30, 2013.

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

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 1st day of August, 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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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: 7/25/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11G092

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1917 to 0.1927 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 3, 2013.

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

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

Sworn to and subscribed before me this 1st day of August, 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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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: 4/20/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11C088

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

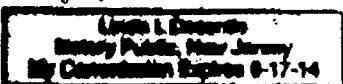
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

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

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

Notary



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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.



\_\_\_\_\_



**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:

DDXB53-114

Certification Date

Technician

Re-Certification Due Date

2/9/12

DM

2/9/13

# 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:

DDWJP2-283

2/9/12

2/9/13

Probe Value

1.02

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

DM

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

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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF  
 THE LAWS OF 1964 IN THE OPERATION OF THE **Breath Test Coordinator/Instructor**  
 A METHOD TO DETERMINE INTOXICATION.  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, 5th 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.	_____	_____	_____

S.P. 293B (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 CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF THE LAWS OF 1964 IN THE OPERATION OF THE ALCOHOL BREATHALYZER  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 26th DAY OF Sept.  
TWO THOUSAND AND 01

[Signature]  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

Refresher Course		
DATE	PLACE	INSTRUCTOR
1. <u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambria</u>
2. <u>11-14-04</u>	<u>ACTC</u>	<u>Mr. J. J. Jagan</u>
3. <u>7-17-03</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. Potter</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

SP-293B (Rev. 4/00)

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 1964 IN THE OPERATION OF THE ALCOHOL BREATHALYZER 1110 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 12/1/2005

Refresher Course		
DATE	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>M. Potter</u>
3. <u>2-10-11</u>	<u>SAYREVILLE PD</u>	<u>A. Tr...</u>
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

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