

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Serial No.: ARTL-0014
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00257
Calib. Date: 06/21/2010
Calib. No.: 00016
Certification File No.: 00245
Cert. Date: 12/21/2009
Cert. No.: 00009
Linearity File No.: 00246
Lin. Date: 12/21/2009
Lin. No.: 00009
Solution File No.: 00256
Soln. Date: 06/04/2010
Soln. No.: 00074
Sequential File No.: 00257
File Date: 06/21/2010

Calibrating Unit: WET
Model No.: CU-34
Serial No.: DDUH S3-0079
Control Solution %: 0.100%
Expires: 04/22/2011
Solution Control Lot: 09D065
Bottle No.: 0340

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

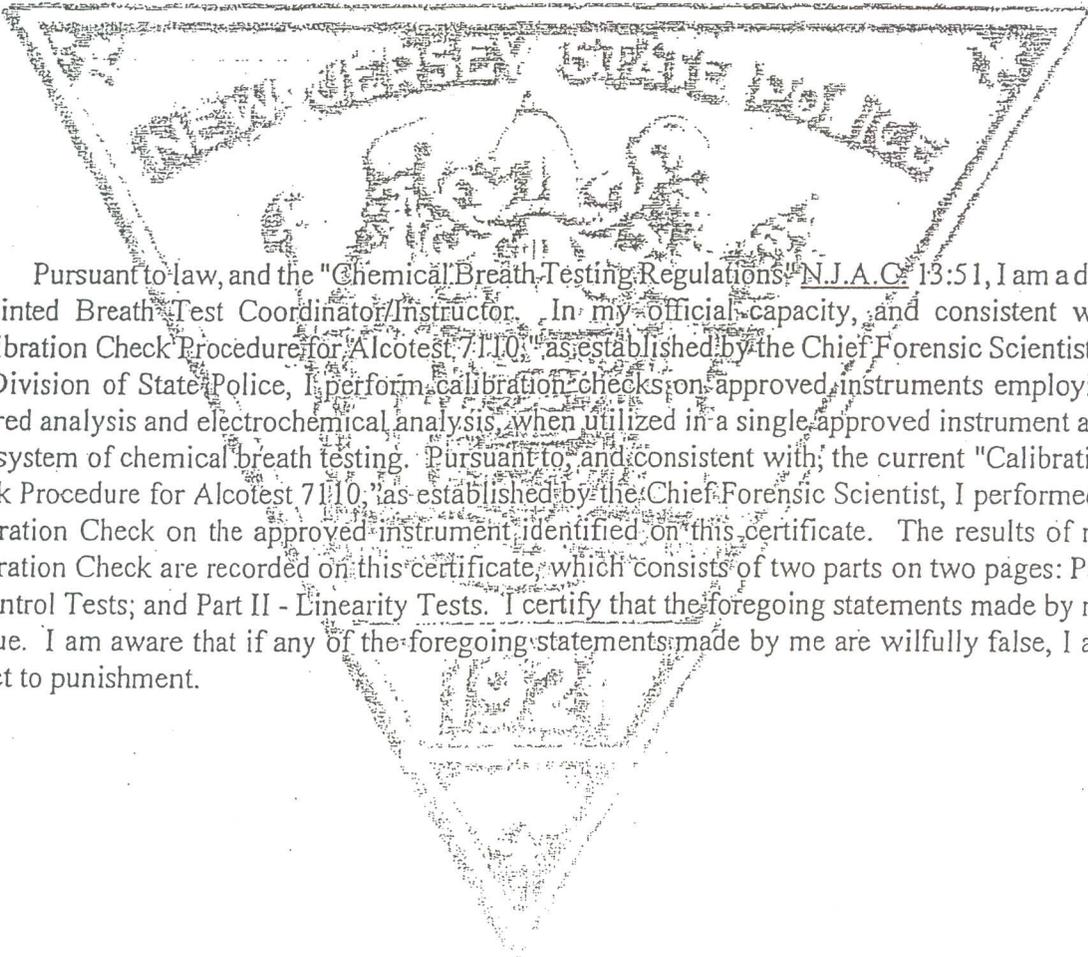
Signature: T.P.D. II [Signature] #5925

Badge No.: 5925

Date: 06/21/2010

*Black Key Temperature Probe Serial.....# DDXK P2-376 (10)

*Digital NIST Temperature Measuring System Serial.....# 80497108 (10)



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-0014
Location:	SOUTH BRUNSWICK POLICE	
Calibration File No.:	00257	Calib. Date: 06/21/2010
Certification File No.:	00258	Calib. No.: 00016
Linearity File No.:	00246	Cert. Date: 06/21/2010
Solution File No.:	00256	Cert. No.: 00010
Sequential File No.:	00258	Lin. Date: 12/21/2009
		Lin. No.: 00009
		Soln. Date: 06/04/2010
		Soln. No.: 00074
		File Date: 06/21/2010
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUH S3-0079
Solution Control Lot:	09D065	Expires: 04/22/2011
		Bottle No.: 0340

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:31D		
Control 1 EC	0.099%	12:31D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	12:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:32D		
Control 2 EC	0.098%	12:32D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.097%	12:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:33D		
Control 3 EC	0.098%	12:34D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	12:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:34D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: M.A.G.

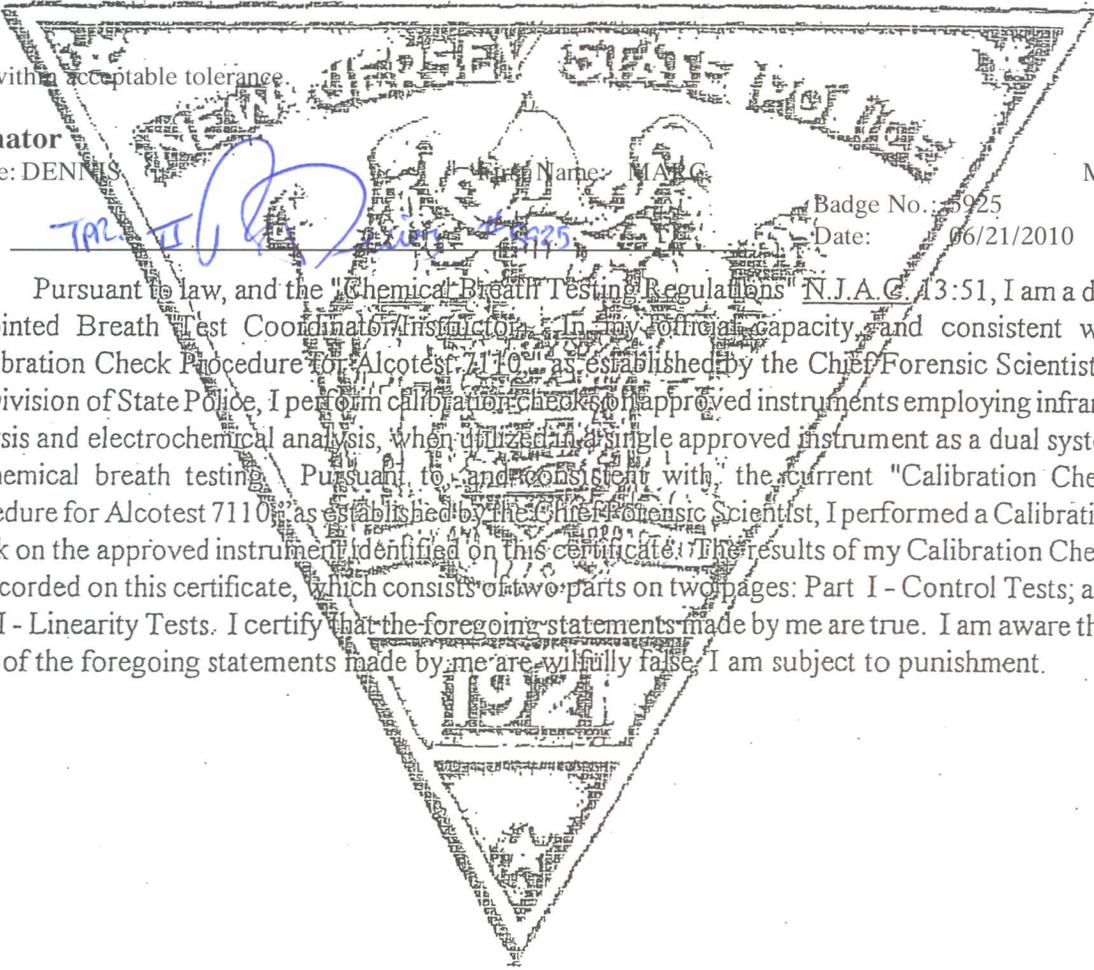
MI: W.

Signature: 

Badge No.: 5925

Date: 06/21/2010

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 willfully false, I am subject to punishment.



Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARTL-0014
Location: SOUTH BRUNSWICK POLICE
Calibration File No.: 00257 Calib. Date: 06/21/2010 Calib. No.: 00016
Certification File No.: 00258 Cert. Date: 06/21/2010 Cert. No.: 00010
Linearity File No.: 00259 Lin. Date: 06/21/2010 Lin. No.: 00010
Solution File No.: 00256 Soln. Date: 06/04/2010 Soln. No.: 00074
Sequential File No.: 00259 File Date: 06/21/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0186
Control Solution %: 0.040% Expires: 01/12/2012
Solution Control Lot: 10A073 Bottle No.: 0343

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.: 0987

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.: 1011

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:05D		
Control 1 EC	0.041%	13:05D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:07D		
Control 2 EC	0.041%	13:07D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09D		
Control 3 EC	0.081%	13:09D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:09D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11D		
Control 4 EC	0.081%	13:11D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		
Control 5 EC	0.161%	13:13D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	13:13D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15D		
Control 6 EC	0.160%	13:15D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

T.P.R. II [Signature] #5925

Badge No.: 5925

Date: 06/21/2010

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTL-0014
Location:	SOUTH BRUNSWICK POLICE	
Calibration File No.:	00257	Calib. Date: 06/21/2010
Certification File No.:	00258	Calib. No.: 00016
Linearity File No.:	00259	Cert. Date: 06/21/2010
Solution File No.:	00260	Cert. No.: 00010
Sequential File No.:	00260	Lin. Date: 06/21/2010
		Lin. No.: 00010
		Soln. Date: 06/21/2010
		Soln. No.: 00075
		File Date: 06/21/2010
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUH S3-0079
Solution Control Lot:	09I069	Expires: 09/18/2011
		Bottle No.: 0397

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:26D		
Control 1 EC	0.100%	14:27D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	14:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:27D		
Control 2 EC	0.099%	14:28D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.097%	14:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:29D		
Control 3 EC	0.099%	14:29D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	14:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:30D		

All tests within acceptable tolerance.

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

TEMPERATURE PROBE SERIAL # DDSF P2-0394 (MD)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

M. I. Dennis #5925

Badge No.: 5925

Date: 06/21/2010



Dräger safety

CERTIFICATE OF ACCURACY

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

Draeger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDXDS3-0186

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

2/3/11



Dräger safety

CERTIFICATE OF ACCURACY

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

Draeger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDXDS3-0188

Certification Date

Technician

Re-Certification Due Date

2/3/10

DM

2/3/11



Dräger safety

CERTIFICATE OF ACCURACY

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

Draeger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDXDS3-0191

Certification Date

Technician

Re-Certification Due Date

2/3/10

am

2/3/11

Dräger safety

ALCOTEST® 7110 TEMPERATURE PROBE

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

Certification date:

Next Certification due:

DDXKP2-376

07.27.09

07.27.10

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-1967458

Traceable® Certificate of Calibration for Digital Thermometer

Instrument Identification:

Model: 61220-601 S/N: 80497108 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC191	A79341		
Thermistor Module	A27129	8/22/09	1000248949
Temperature Probe	3039	10/26/08	A7710039-4
Temperature Probe	149	3/06/09	A82225037-3
Thermistor Module	A17118	8/30/08	A7831032
Temperature Calibration Bath TC218	A73332		

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 8/28/08 Cal Due: 8/28/10
Test Conditions: 22.5°C 49.0 %RH 1013 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	25.000	Y	24.951	25.051	0.013	3.8:1
°C		N.A.		60.001	60.001	Y	59.951	60.051	0.018	2.8:1
°C		N.A.		100.001	100.004	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).



JON S. CORZINE
Governor

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

ANNE MILGRAM
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Drager Safety, Inc.

ANALYSIS DATE: 5/08/2009

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 09D065

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

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

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

Ajit R. Tungare
Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 19th day of May, 2009.

Notary

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



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State of New Jersey
 OFFICE OF THE ATTORNEY GENERAL
 DEPARTMENT OF LAW AND PUBLIC SAFETY
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 (609) 882-2000

CHRIS CHRISTIE
 Governor

PAULA T. DOW
 Acting Attorney General

COLONEL JOSEPH R. FUENTES
 Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

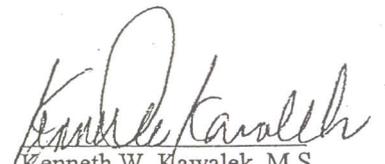
MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

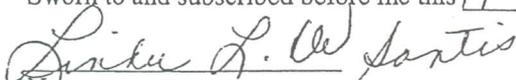
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

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

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


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

Sworn to and subscribed before me this 19th day of February, 2010.


 Notary

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



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CHRIS CHRISTIE
Governor

State of New Jersey
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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. Katwalek, M.S.
Assistant Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 19th day of February, 2010.

Notary

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



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State of New Jersey

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CHRIS CHRISTIE
Governor

PAULA T. DOW
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 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 19th day of February, 2010.

Notary

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



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JON S. CORZINE
Governor

State of New Jersey
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(609) 882-2000

ANNE MILGRAM
Attorney General
COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

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

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 091069

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1199 to 0.1204 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 18, 2011.

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

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

Sworn to and subscribed before me this 10th day of October, 2009.

Notary

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



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Drägersafety

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:

SERIAL NUMBER:

12/08/09

ARTL-0014

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:

DDUHS3-0079

Certification Date

Technician

Re-Certification Due Date

12/4/09

2M

12/4/10

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

Certification date:

Next Certification due:

DDSF P2-0394

12/4/09

12/4/10

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

2M

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 ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE BREATHALYZER AS A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS

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)

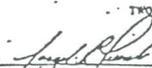
DEPARTMENT OF
Traffic and Public Safety

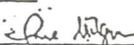
This is to certify that

Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL TESTS PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 30th DAY OF April TWO THOUSAND AND Eight

REGS. 7110 MK III-C


 SUPERINTENDENT
NEW JERSEY STATE POLICE


 ATTORNEY GENERAL
STATE OF NEW JERSEY

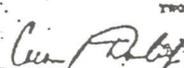
DEPARTMENT OF
Traffic and Public Safety

This is to certify that

Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL TESTS PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 26th DAY OF Sept. TWO THOUSAND AND 01

REGS. 7110 MK III-C


 SUPERINTENDENT
NEW JERSEY STATE POLICE


 ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>12-19-07</u>	<u>Ocean Co. PA</u>	<u>Potter</u>
2. <u>3/12/09</u>	<u>MORRIS CO. PA</u>	<u>H. Potter</u>
3.		
4.		
5.		
6.		
7.		
8.		
9.		

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

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

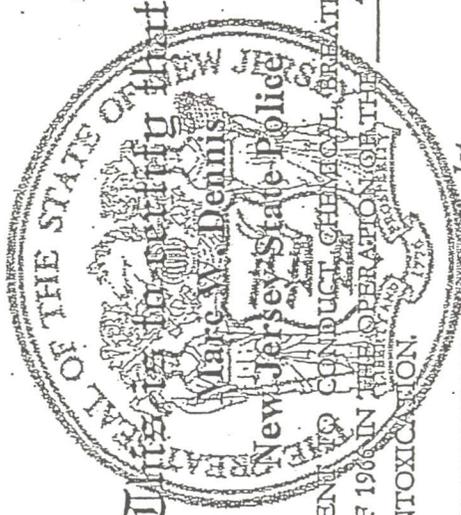
DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambria</u>
2. <u>11-14-01</u>	<u>ACTC</u>	<u>R. Hagan</u>
3. <u>1-17-03</u>	<u>ACTC</u>	<u>H. Potter</u>
4. <u>10-6-05</u>	<u>ACTC</u>	<u>H. Potter</u>
5. <u>11-14-07</u>	<u>OCPA</u>	<u>C. Pitts</u>
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 4/00)

DEPARTMENT OF

Inquest Certificate

State



IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1906 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