

Alcotest 7110 Calibration Record

Equipment

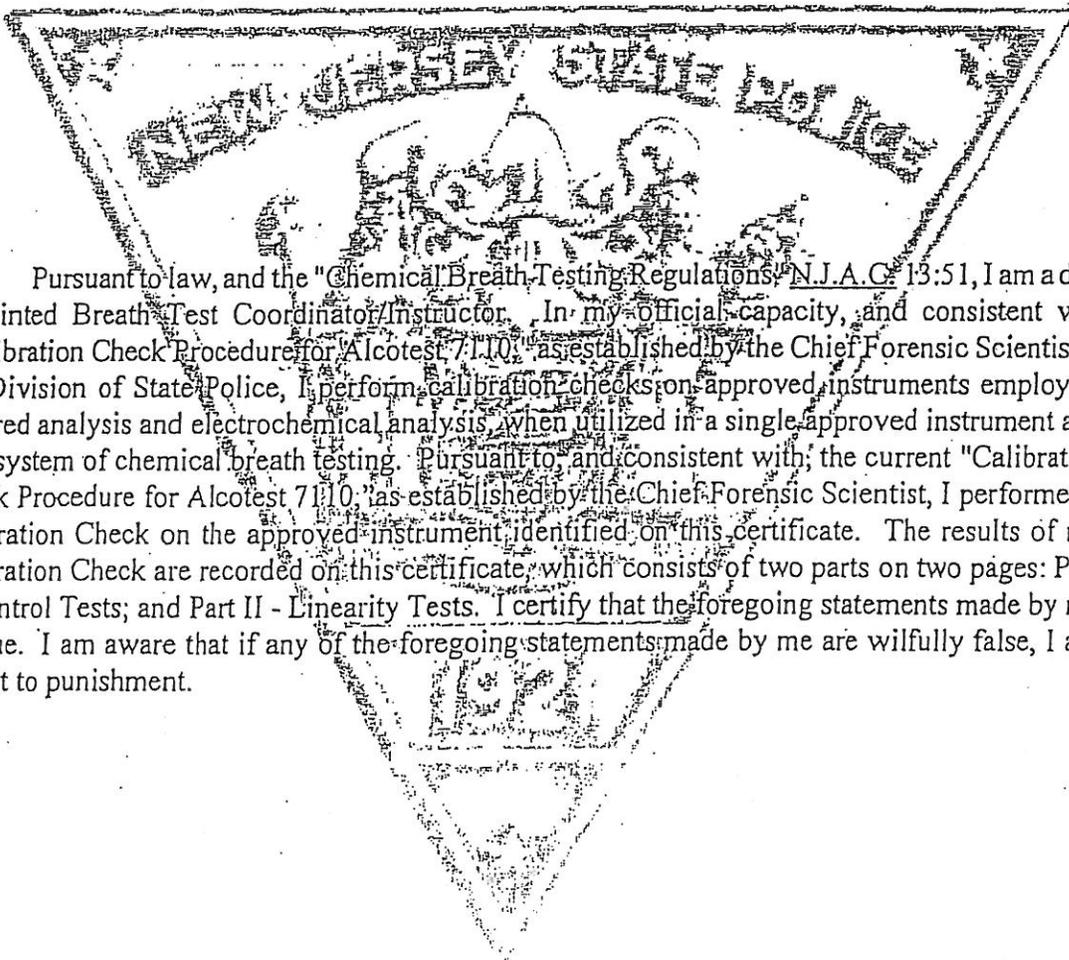
Alcotest 7110 MKIII-C	Serial No.:	ARTL-0005
Location: PLAINSBORO TOWNSHIP PD		
Calibration File No.: 00879	Calib. Date: 11/22/2010	Calib. No.: 00015
Certification File No.: 00781	Cert. Date: 06/07/2010	Cert. No.: 00010
Linearity File No.: 00782	Lin. Date: 06/07/2010	Lin. No.: 00010
Solution File No.: 00870	Soln. Date: 11/12/2010	Soln. No.: 00110
Sequential File No.: 00879	File Date: 11/22/2010	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDUF S3-0064
Control Solution %: 0.100%		Expires: 04/22/2011
Solution Control Lot: 09D065		Bottle No.: 0863

Coordinator

Last Name: DENNIS First Name: MARC MI: W.
Signature: TAL I O G J Dennis # 5925 Badge No.: 5925
Date: 11/22/2010

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

*Digital NIST Temperature Measuring System Serial.....# 101 685 685 (MD)



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

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment

Alcotest 7110 MKIII-C
Location: PLAINSBORO TOWNSHIP PD
Serial No.: ARTL-0005
Calibration File No.: 00879 Calib. Date: 11/22/2010 Calib. No.: 00015
Certification File No.: 00880 Cert. Date: 11/22/2010 Cert. No.: 00011
Linearity File No.: 00782 Lin. Date: 06/07/2010 Lin. No.: 00010
Solution File No.: 00870 Soln. Date: 11/12/2010 Soln. No.: 00110
Sequential File No.: 00880 File Date: 11/22/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0064
Control Solution %: 0.100% Expires: 04/22/2011
Solution Control Lot: 09D065 Bottle No.: 0863

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:08S		
Control 1 EC	0.099%	13:09S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:09S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:09S		
Control 2 EC	0.099%	13:10S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	13:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11S		
Control 3 EC	0.098%	13:11S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.097%	13:11S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12S		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

Marc I. Dennis #5925

Badge No.: 5925

Date: 11/22/2010

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARTL-0005
Location: PLAINSBORO TOWNSHIP PD
Calibration File No.: 00879 Calib. Date: 11/22/2010 Calib. No.: 00015
Certification File No.: 00880 Cert. Date: 11/22/2010 Cert. No.: 00011
Linearity File No.: 00881 Lin. Date: 11/22/2010 Lin. No.: 00011
Solution File No.: 00870 Soln. Date: 11/12/2010 Soln. No.: 00110
Sequential File No.: 00881 File Date: 11/22/2010

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.: 0796

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.: 0452

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.: 0122

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:55S		
Control 1 EC	0.042%	13:55S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	13:55S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:57S		
Control 2 EC	0.040%	13:57S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:59S		
Control 3 EC	0.080%	13:59S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	13:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:01S		
Control 4 EC	0.080%	14:02S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	14:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:03S		
Control 5 EC	0.161%	14:04S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	14:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:05S		
Control 6 EC	0.158%	14:06S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	14:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:07S		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

Marc I. Dennis #1925

Badge No.: 5925

Date: 11/22/2010

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD		
Calibration File No.:	00879	Calib. Date:	11/22/2010
Certification File No.:	00880	Cert. Date:	11/22/2010
Linearity File No.:	00881	Lin. Date:	11/22/2010
Solution File No.:	00882	Soln. Date:	11/22/2010
Sequential File No.:	00882	File Date:	11/22/2010
Calibrating Unit: WET		Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUF S3-0064
Solution Control Lot:	09L072	Expires:	12/31/2011
		Bottle No.:	0268

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:13S		
Control 1 EC	0.100%	15:13S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	15:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:14S		
Control 2 EC	0.099%	15:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	15:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:15S		
Control 3 EC	0.098%	15:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.097%	15:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:16S		

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 P2-0396 (MD)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: TAL I [Signature] #5925

Badge No.: 5925

Date: 11/22/2010



Draeger 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



Draeger 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



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:

DDXDS3-0191

Certification Date

Technician

Re-Certification Due Date

2/3/10

am

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:

DDXK P2-323

3/9/10

3/9/11

Probe Value

10.2

Draeger Safety Diagnostics, Inc.
Technical Service Department

am



Calibration
Certificate No. 1750.Q1

Calibration complies with ISO 9001
ISO/IEC 17025 AND ANSI/NC SL 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-01805-2008-AQ-HOU-ANAB.
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
 DIVISION OF STATE POLICE
 POST OFFICE BOX 7068
 WEST TRENTON NJ 08628-0068
 (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.

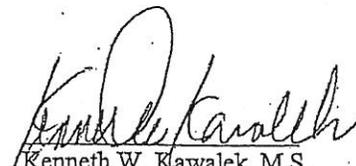
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/2/2010

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10A073

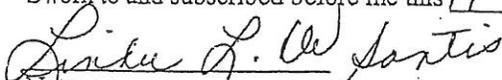
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0481 grams per 100 milliliters of solution.

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. Klawalek, 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 6-17-14



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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

CHRIS CHRISTIE
Governor

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:

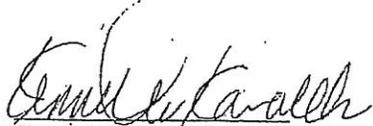
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 2/3/2010

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. Kavalek, 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. Dosantis
Notary Public, New Jersey
My Commission Expires 8-17-14





CHRIS CHRISTIE
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

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





CHRIS CHRISTIE
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

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.

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.

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



New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



Draeger safety

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:

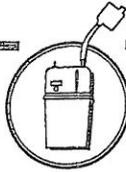
SERIAL NUMBER:

12/03/09

AR TL-0005

Draeger Safety Diagnostics, Inc.

JS



Draegersafety

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:

DDUF53-0064

Certification Date

Technician

Re-Certification Due Date

6/13/10

DM

6/13/11

Draegersafety

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 P2-0396

6/13/10

6/13/11

Probe Value

105

Draeger Safety Diagnostics, Inc.
Technical Service Department

DM

DEPARTMENT OF
Motor and Public Safety

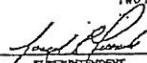
This is to certify that

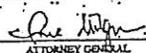

 Marc W. Dennis
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE AND TESTS PURSUANT TO CHAPTER 142 OF THE LAWS OF 1946 IN THE OPERATION OF THE Refresher Course Coordinator/Instructor

A METHOD TO DETERMINE RE-EDUCATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 05th DAY OF November

TWO THOUSAND AND Eight


 SUPERINTENDENT
 NEW JERSEY STATE POLICE


 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 COURSE IN THE USE OF THE INSTRUMENT PURSUANT TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AND ATTENTION, NEW JERSEY, 30th DAY OF April TWO THOUSAND AND EIGHT

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN THE USE OF THE INSTRUMENT PURSUANT TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AND ATTENTION, NEW JERSEY, 26th DAY OF Sept. TWO THOUSAND AND 01

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
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. Miller</u>
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

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

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

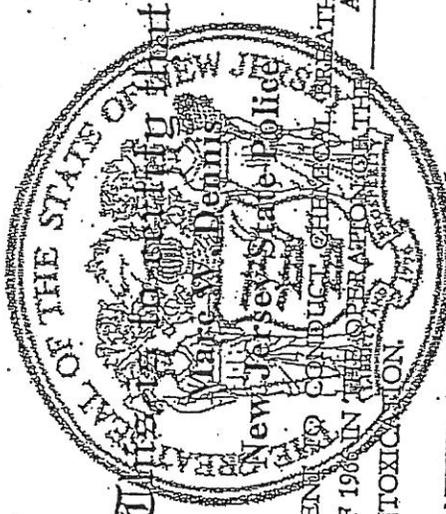
DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambria</u>
2. <u>11/14/01</u>	<u>ACTC</u>	<u>Mr. Haggan</u>
3. <u>3-17-07</u>	<u>ACTC</u>	<u>[Signature]</u>
4. <u>10-6-05</u>	<u>ACTC</u>	<u>[Signature]</u>
5. <u>10-14-07</u>	<u>OCPA</u>	<u>C. Pitts</u>
6. _____	_____	_____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

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

DEPARTMENT OF

Motor Vehicle Safety

State



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 1st DAY OF DECEMBER

TWO THOUSAND AND Five

David P. ...
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD		
Calibration File No.:	00879	Calib. Date:	11/22/2010
Certification File No.:	00880	Cert. Date:	11/22/2010
Linearity File No.:	00881	Lin. Date:	11/22/2010
Solution File No.:	00917	Soln. Date:	02/03/2011
Sequential File No.:	00917	File Date:	02/03/2011
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUF S3-0065
Solution Control Lot:	09L072	Expires:	12/31/2011
		Bottle No.:	0269

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:11S		
Control 1 EC	0.100%	14:12S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:13S		
Control 2 EC	0.098%	14:13S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	14:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:14S		
Control 3 EC	0.098%	14:15S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	14:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:15S		

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 # DDUF P2-144

(110)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: TPI I [Signature] #5925

Badge No.: 5925

Date: 02/03/2011



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:

DDUFS3-0065

Certification Date

9-21-10

Technician

mm

Re-Certification Due Date

9-21-11

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

DDUJTP2-144

Certification date:

9-21-10

Next Certification due:

9-21-11

Probe Value

106

Draeger Safety Diagnostics, Inc.
Technical Service Department

mm



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

CHRIS CHRISTIE
 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.

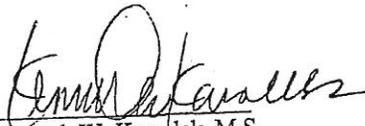
ANALYSIS DATE: 1/19/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10L084

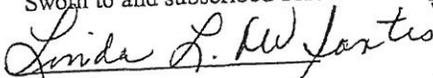
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1185 to 0.1190 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is December 16, 2012.

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


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

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


 Notary

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



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