

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Serial No.: ARZL-0146
Location: WALL TOWNSHIP POLICE
Calibration File No.: 00562
Calib. Date: 03/01/2013
Calib. No.: 00012
Certification File No.: 00528
Cert. Date: 09/04/2012
Cert. No.: 00009
Linearity File No.: 00529
Lin. Date: 09/04/2012
Lin. No.: 00009
Solution File No.: 00561
Soln. Date: 03/01/2013
Soln. No.: 00106
Sequential File No.: 00562
File Date: 03/01/2013

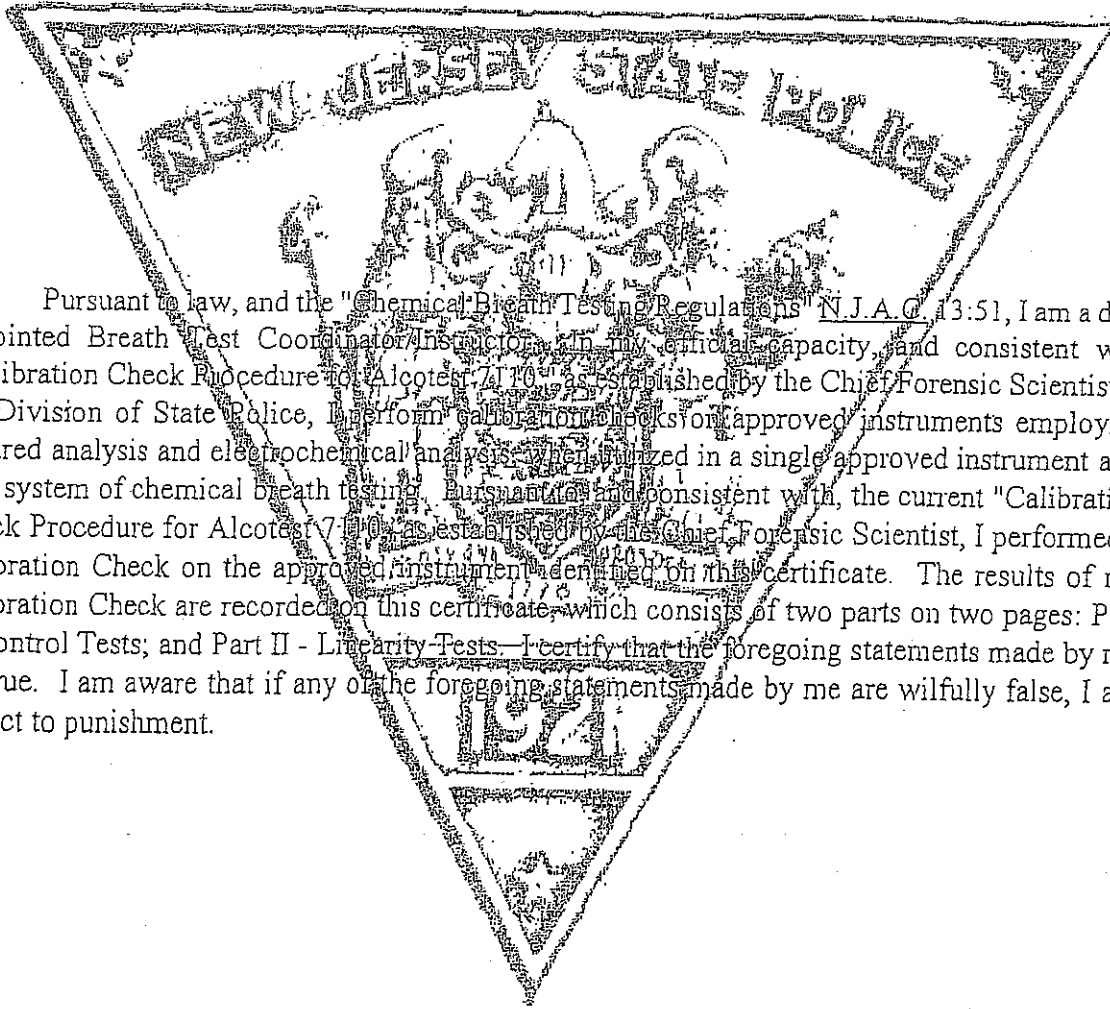
Calibrating Unit: WET
Model No.: CU-34
Serial No.: DDXB S3-113
Control Solution %: 0.100%
Expires: 02/20/2014
Solution Control Lot: 12B099
Bottle No.: 0520

Coordinator

Last Name: DENNIS
First Name: MARC
MI: W.
Signature: Alc. Sgt. [Signature] #5925
Badge No.: 5925
Date: 03/01/2013

*Black Key Temperature Probe Serial# DDXK 92-323 (140)

*Digital NIST Thermometer Serial.....# 122172162 (140)



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.: 00562 Calib. Date: 03/01/2013 Calib. No.: 00012
Certification File No.: 00563 Cert. Date: 03/01/2013 Cert. No.: 00010
Linearity File No.: 00529 Lin. Date: 09/04/2012 Lin. No.: 00009
Solution File No.: 00561 Soln. Date: 03/01/2013 Soln. No.: 00106
Sequential File No.: 00563 File Date: 03/01/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-113
Control Solution %: 0.100% Expires: 02/20/2014
Solution Control Lot: 12B099 Bottle No.: 0520

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	16:14S		
Control 1 EC	0.100%	16:15S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	16:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:16S		
Control 2 EC	0.097%	16:16S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:17S		
Control 3 EC	0.097%	16:18S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	16:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:19S		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

Signature: ALSG [Signature]

First Name: MARC

MI: W.

Badge No.: 5925

Date: 03/01/2013

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

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARZL-0146
Location: WALL TOWNSHIP POLICE
Calibration File No.: 00562 Calib. Date: 03/01/2013 Calib. No.: 00012
Certification File No.: 00563 Cert. Date: 03/01/2013 Cert. No.: 00010
Linearity File No.: 00564 Lin. Date: 03/01/2013 Lin. No.: 00010
Solution File No.: 00561 Soln. Date: 03/01/2013 Soln. No.: 00106
Sequential File No.: 00564 File Date: 03/01/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0186
Control Solution %: 0.040% Expires: 08/24/2014
Solution Control Lot: 12H104 Bottle No.: 0545

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0188
Control Solution %: 0.080% Expires: 08/27/2014
Solution Control Lot: 12H105 Bottle No.: 0500

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0191
Control Solution %: 0.160% Expires: 09/10/2014
Solution Control Lot: 12I106 Bottle No.: 1164

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:38S		
Control 1 EC	0.042%	16:39S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	16:39S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:40S		
Control 2 EC	0.040%	16:41S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	16:41S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:43S		
Control 3 EC	0.079%	16:43S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	16:43S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:45S		
Control 4 EC	0.078%	16:46S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	16:46S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:47S		
Control 5 EC	0.155%	16:48S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.156%	16:48S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:50S		
Control 6 EC	0.154%	16:50S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.157%	16:50S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:52S		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: ALSGT. [Signature] # 5925

Badge No.: 5925

Date: 03/01/2013

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARZL-0146
Location:	WALL TOWNSHIP POLICE	
Calibration File No.:	00562	Calib. Date: 03/01/2013
Certification File No.:	00563	Calib. No.: 00012
Linearity File No.:	00564	Cert. Date: 03/01/2013
Solution File No.:	00565	Cert. No.: 00010
Sequential File No.:	00565	Lin. Date: 03/01/2013
		Lin. No.: 00010
		Soln. Date: 03/01/2013
		Soln. No.: 00107
		File Date: 03/01/2013

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXB S3-113
Control Solution %: 0.100%		Expires: 08/17/2013
Solution Control Lot: 11H094		Bottle No.: 0314

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	17:57S		
Control 1 EC	0.100%	17:58S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	17:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:59S		
Control 2 EC	0.098%	17:59S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	17:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	18:00S		
Control 3 EC	0.098%	18:01S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	18:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	18:02S		

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 # DDWT P2-284 (NEW)

Changed By:

Last Name: DENNIS

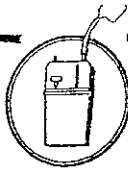
First Name: MARC

MI: W.

Signature: ASGT. [Signature] #5925

Badge No.: 5925

Date: 03/01/2013



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:

DDXD S3-0186

Certification Date

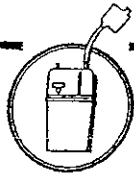
Technician

Re-Certification Due Date

2-6-13

BC

2-6-14



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:

DDXD S3-0188

Certification Date

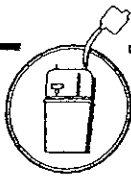
Technician

Re-Certification Due Date

2-5-13

BC

2-5-14



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:

DDXID 53-091

Certification Date

2-5-13

Technician

BC

Re-Certification Due Date

2-5-14

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

DDXKP2-323

Certification date:

02/05/13

Next Certification due:

02/05/14

Probe Value

103

Draeger Safety Diagnostics, Inc.
Technical Service Department

SY



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-4269971

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087

Instrument Identification:

Model: 61220-601 S/N: 122172162 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-275	A9A237		
Digital Thermometer	B16815	6/06/12	B1606038
PRT Temperature Probe	01641	5/28/12	B1526085
Temperature Calibration Bath TC-256	B01375		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-BL72N-1-1
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-BN9WZ-27-1

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 3/30/12 Cal Due: 3/30/14
Test Conditions: 23.0°C 44.0 %RH 1012 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.000	-0.002	Y	-0.050	0.050	0.013	3.8:1
°C		N.A.		25.001	24.999	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		60.000	60.000	Y	59.950	60.050	0.018	2.8:1
°C		N.A.		100.001	100.001	Y	99.951	100.051	0.018	2.8:1

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; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left 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-AU-HOU-ANAB
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA)



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

CHRIS CHRISTIE
 Governor

JEFFREY S. CHIESA
 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.

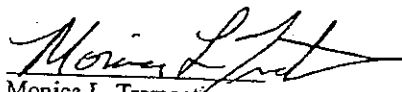
ANALYSIS DATE: 3/20/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12B099

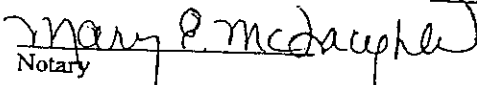
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1211 grams per 100 milliliters of solution.

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 February 20, 2014.

As Forensic Scientist III for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed 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.


 Monica L. Tramontin
 Forensic Scientist III
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 22nd day of March, 2012.


 Notary

MARY ELIZABETH MCLAUGHLIN
 NOTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES 12-24-2013



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Lt. Governor

JEFFREY S. CHIESA
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 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 9/26/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H104

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0487 to 0.0491 grams per 100 milliliters of solution.

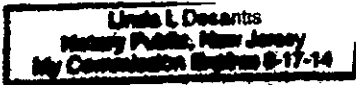
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 24, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed 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.

Ali M. Alaouie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of October, 2012.

Lynda L. DeFantis
Notary



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 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 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc.

ANALYSIS DATE: 9/27/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H105

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 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. 13:51-4.3, 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 August 27, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed 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.

Ali M. Alaoui, Ph.D.
 Research Scientist
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of October, 2012.

Notary

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



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State of New Jersey

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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 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 121106

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known acceptable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, 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 10, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed 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 Ali M. Alaoui]

Ali M. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of October, 2012.

[Handwritten signature of Joseph R. Fuentes]
Notary

Joseph R. Fuentes
Notary Public, New Jersey
My Commission Expires 8-17-14



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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: 9/8/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11H094

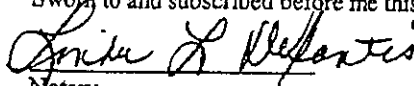
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1197 to 0.1207 grams per 100 milliliters of solution.

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 August 17, 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 12th day of September, 2011.


 Notary

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



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:

02-18-2009

SERIAL NUMBER:

AKZL-0146

Draeger Safety Diagnostics, Inc.

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



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:

DDXB 53-113

Certification Date

Technician

Re-Certification Due Date

1-22-13

BC

1-22-14

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:

DDWSP2-284

1-22-13

1-22-14

Probe Value

102

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that

Marc W. Dennis
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION AND TAKE PURSUANT TO CHAPTER 142 OF
 THE LAWS OF 1946 IN THE OPERATION OF THE **Breath Test Coordinator/Instructor**
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY

TWO THOUSAND AND

Eight

5th DAY OF November

[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. 2938 (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 BREATHALYZER TESTS PURSUANT TO CHAPTER 147 OF THE LAWS OF 1964 IN THE OPERATION OF THE 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>[Signature]</u>
3. <u>1-17-03</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>OCPI</u>	<u>C Potter</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

SP-2938 (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 OPERATIONAL BREATHALYZER TESTS PURSUANT TO CHAPTER 147 OF THE LAWS OF 1964 IN THE OPERATION OF THE ALCOHOL TEST 7110 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>[Signature]</u>
3. <u>2-10-11</u>	<u>SAYREVILLE PA</u>	<u>A. In</u>
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

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