

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0069
Location: MARLBORO TWP. POLICE
Calibration File No.: 00577 Calib. Date: 10/07/2015 Calib. No.: 00029
Certification File No.: 00573 Cert. Date: 09/10/2015 Cert. No.: 00019
Linearity File No.: 00574 Lin. Date: 09/10/2015 Lin. No.: 00023
Solution File No.: 00576 Soln. Date: 09/21/2015 Soln. No.: 00129
Sequential File No.: 00577 File Date: 10/07/2015

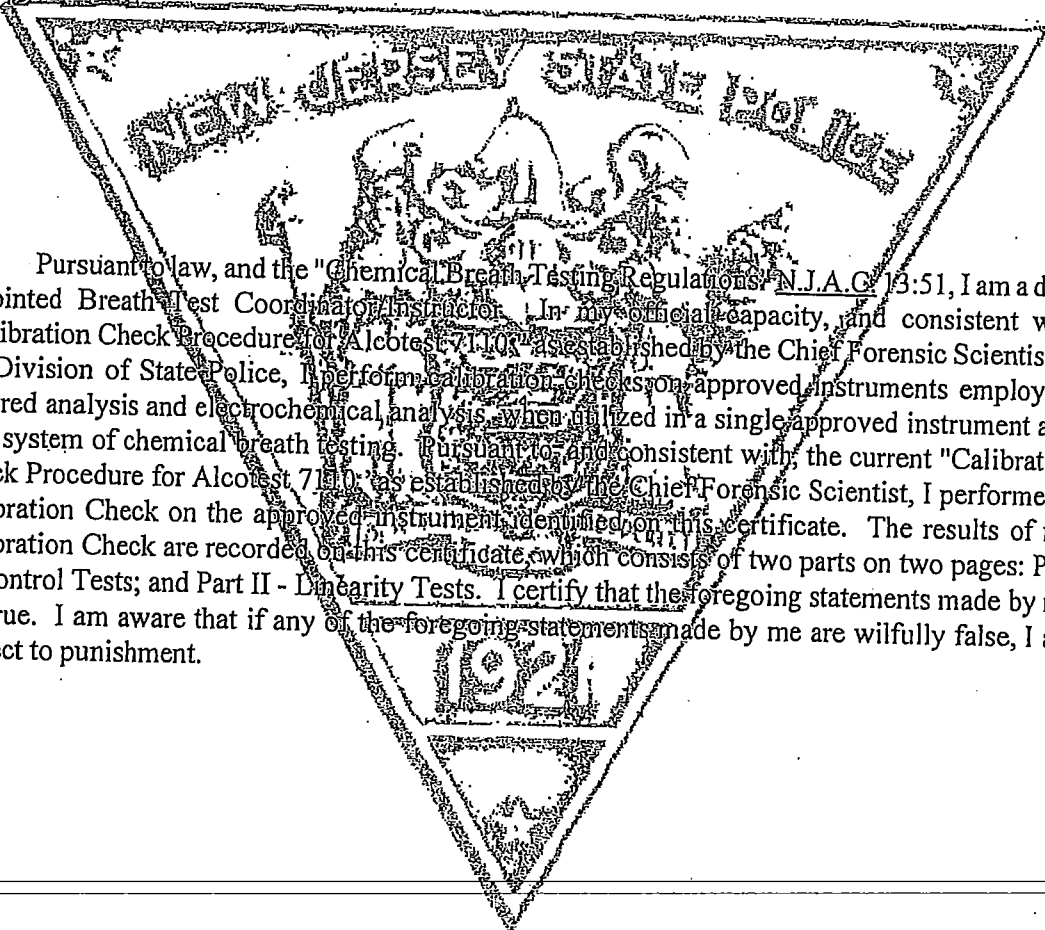
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0162
Control Solution %: 0.100% Expires: 08/17/2017
Solution Control Lot: 15H143 Bottle No.: 0318

Coordinator

Last Name: DENNIS First Name: MARC MI: W.
Signature: Sgt. P. Dennis #5925 Badge No.: 5925
Date: 10/07/2015

*Black Key Temperature Probe Serial.....# DDEE P2-016 (4D)

*Digital NIST Temperature Measuring System Serial.....# 130754749 (12)



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.: ARXA-0069
Location: MARLBORO TWP. POLICE
Calibration File No.: 00577 Calib. Date: 10/07/2015 Calib. No.: 00029
Certification File No.: 00578 Cert. Date: 10/07/2015 Cert. No.: 00020
Linearity File No.: 00574 Lin. Date: 09/10/2015 Lin. No.: 00023
Solution File No.: 00576 Soln. Date: 09/21/2015 Soln. No.: 00129
Sequential File No.: 00578 File Date: 10/07/2015

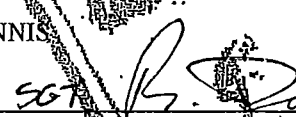
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0162
Control Solution %: 0.100% Expires: 08/17/2017
Solution Control Lot: 15H143 Bottle No.: 0318

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:39D		
Control 1 EC	0.099%	11:39D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:39D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:40D		
Control 2 EC	0.099%	11:41D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:41D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:41D		
Control 3 EC	0.100%	11:42D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:42D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:42D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

Signature: 

Test Name: MARC

Badge No.: 5925

Date: 10/07/2015

MI: W.

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.: ARXA-0069
Location: MARLBORO TWP. POLICE
Calibration File No.: 00577 Calib. Date: 10/07/2015 Calib. No.: 00029
Certification File No.: 00578 Cert. Date: 10/07/2015 Cert. No.: 00020
Linearity File No.: 00579 Lin. Date: 10/07/2015 Lin. No.: 00024
Solution File No.: 00576 Soln. Date: 09/21/2015 Soln. No.: 00129
Sequential File No.: 00579 File Date: 10/07/2015

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0017
Control Solution %: 0.040% Expires: 08/11/2017
Solution Control Lot: 15H141 Bottle No.: 1070

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0215
Control Solution %: 0.080% Expires: 08/13/2017
Solution Control Lot: 15H142 Bottle No.: 1073

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0223
Control Solution %: 0.160% Expires: 08/05/2016
Solution Control Lot: 14H131 Bottle No.: 0871

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:19D		
Control 1 EC	0.040%	12:19D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.040%	12:19D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:21D		
Control 2 EC	0.040%	12:21D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.038%	12:21D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:23D		
Control 3 EC	0.076%	12:23D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.077%	12:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:25D		
Control 4 EC	0.076%	12:25D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	12:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:27D		
Control 5 EC	0.154%	12:27D	33.8°C	*** TEST PASSED ***
Control 5 IR	0.155%	12:27D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:29D		
Control 6 EC	0.155%	12:30D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.154%	12:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:31D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

SGT. P. Dennis # 5925

Badge No.: 5925

Date: 10/07/2015

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE	Calib. No.:	00029
Calibration File No.:	00577	Calib. Date:	10/07/2015
Certification File No.:	00578	Cert. Date:	10/07/2015
Linearity File No.:	00579	Lin. Date:	10/07/2015
Solution File No.:	00581	Soln. Date:	10/07/2015
Sequential File No.:	00581	File Date:	10/07/2015
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXC S3-0162
Solution Control Lot:	13K125	Expires:	11/12/2015
		Bottle No.:	1250

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:39D		
Control 1 EC	0.100%	13:40D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:40D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:40D		
Control 2 EC	0.100%	13:41D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:41D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:42D		
Control 3 EC	0.100%	13:42D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:42D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:43D		

All tests within acceptable tolerance.

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

Temperature Probe Serial Number: DDUJ P2-066

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: SGT P. Dennis #5925

Badge No.: 5925

Date: 10/07/2015



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

DDEEP2-016

Certification date:

5-11-15

Next Certification due:

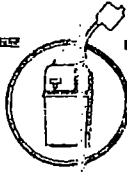
5-11-16

Probe Value

108

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



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. 24 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDPK S3 - 0017

Certification Date

8-17-15

Technician

JJ/SY

Re-Certification Due Date

8-17-16



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:

DDWFS3 - 0215

Certification Date

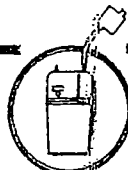
8-18-15

Technician

JD/BC

Re-Certification Due Date

8-18-16



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:

DDWFS3 - 0223

Certification Date

8-17-15

Technician

JD/SY

Re-Certification Due Date

8-17-16



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



Calibration
Certificate No. 1750.01

Cert. No.: 4000-5574134

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: 130754749 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B48Z9-30-1
Temperature Calibration Bath TC-231	A78341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-216	A73332		
Thermistor Module	A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388		
Digital Thermometer	B16815	01/12/14	1000341967
PRT Temperature Probe	02022	6/14/15	B3812004

Certificate Information:

Technician: GB Procedure: CAL-06 Cal Date: 12/12/13 Cal Due: 12/12/15
Test Conditions: 24.0°C 33.0 %RH 1033 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	25.001	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.000	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	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/YYYY

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Aaron Judice
Aaron Judice, 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 Rox 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-1104-RWA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MLA).



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

JOHN J. HOFFMAN
 Acting 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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc.

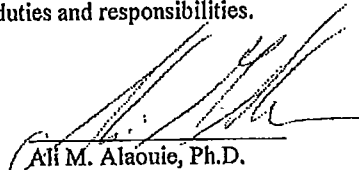
ANALYSIS DATE: 09/14/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H143

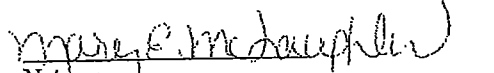
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1226 grams per 100 milliliters of solution.

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 17, 2017.

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 18th day of September, 2015.


MARY ELIZABETH MCLAUGHLIN
 ID # 2052190
 NOTARY PUBLIC
 STATE OF NEW JERSEY
 My Commission Expires Dec. 24, 2018



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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.

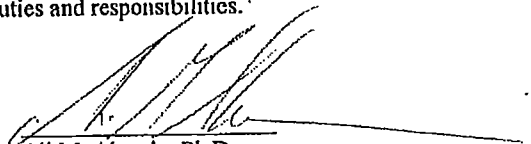
ANALYSIS DATE: 9/10/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H141

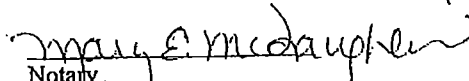
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0487 grams per 100 milliliters of solution.

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 11, 2017.

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 11th day of September, 2015.


 Notary
MARY ELIZABETH MCLAUGHLIN
 ID # 2052190
 NOTARY PUBLIC
 STATE OF NEW JERSEY
 My Commission Expires Dec. 24, 2018



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Lt. Governor

JOHN J. HOFFMAN
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 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H142

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0967 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 13, 2017.

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.

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

Sworn to and subscribed before me this 15th day of September, 2015.

[Signature]
Notary
MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
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KIM GUADAGNO
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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.

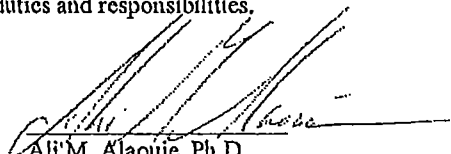
ANALYSIS DATE: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

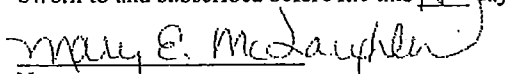
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 grams per 100 milliliters of solution.

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 5, 2016.

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 18th day of August, 2014.


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OFFICE OF THE ATTORNEY GENERAL

CHRIS CHRISTIE
Governor

DEPARTMENT OF LAW AND PUBLIC SAFETY
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JOHN J. HOFFMAN
Acting 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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

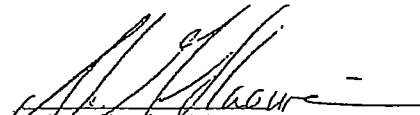
ANALYSIS DATE: 12/09/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13K125

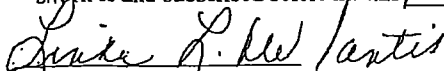
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1222 grams per 100 milliliters of solution.

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 November 12, 2015.

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.


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

Sworn to and subscribed before me this 10th day of December, 2013.


Notary

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



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Printed on Recycled Paper and Recyclable



Dräger

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:

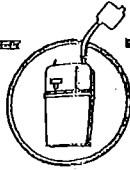
9-21-15

SERIAL NUMBER:

ARXA-0069

Draeger Safety Diagnostics, Inc.

BC



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)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

Other: _____

Serial Number:

DDXCS3-0162

Certification Date

9-22-15

Technician

JJ

Re-Certification Due Date

9-22-16

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

DDUJTP2-0666

Certification date:

9-22-15

Next Certification due:

9-22-16

Probe Value

104

Dräger Safety Diagnostics, Inc.
Technical Service Department

JJ

DEPARTMENT OF
Motor and Public Safety
 This is to certify that
Marc Van Dennois
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT SUCH COURSE AND IS FURNISHING TO CHAPTER 140 OF THE LAWS OF 1946 IN THE OPERATION OF THE Breathalyzer
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, 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 8/18 - 8/22/97
 Refresher Course

DATE	PLACE	INSTRUCTOR
1. <u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambrila</u>
2. <u>11-14-01</u>	<u>ACTC</u>	<u>[Signature]</u>
3. <u>7-17-03</u>	<u>ACTC</u>	<u>[Signature]</u>
4. <u>10-6-05</u>	<u>ACTC</u>	<u>[Signature]</u>
5. <u>11-14-07</u>	<u>OCPA</u>	<u>C. Potter</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

 SP-293B (Rev. 4/00)

DEPARTMENT OF
Motor and Public Safety
 This is to certify that
Marc Van Dennois
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT SUCH COURSE AND IS FURNISHING TO CHAPTER 140 OF THE LAWS OF 1946 IN THE OPERATION OF THE ALCOHOL TEST 7110 MK III-C
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, 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

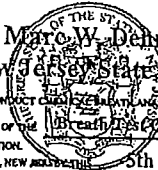
DATE	PLACE	INSTRUCTOR
1. <u>12-19-07</u>	<u>Ocean Co. PA</u>	<u>Potter</u>
2. <u>3/12/09</u>	<u>MORRIS CO. PA</u>	<u>[Signature]</u>
3. <u>2-10-11</u>	<u>SAYREVILLE PD</u>	<u>[Signature]</u>
4. <u>11/19/13</u>	<u>S.C.E.S.T.A.</u>	<u>[Signature]</u>
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

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

DEPARTMENT OF
Motor and Public Safety

This is to certify that

Marco W. Dennis
 New Jersey State Police



IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH AND BAC TESTS PURSUANT TO CHAPTER 143 OF THE LAWS OF 1944 IN THE OPERATION OF THE BREATH TEST AS A METHOD TO DETERMINE INTOXICATION. GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THE

08th 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)