

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Serial No.: ARXA-0037
Location: WALL TOWNSHIP POLICE
Calibration File No.: 01363 Calib. Date: 09/08/2015 Calib. No.: 00026
Certification File No.: 01260 Cert. Date: 03/25/2015 Cert. No.: 00017
Linearity File No.: 01261 Lin. Date: 03/25/2015 Lin. No.: 00017
Solution File No.: 01362 Soln. Date: 09/06/2015 Soln. No.: 00222
Sequential File No.: 01363 File Date: 09/08/2015

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAB-0014
Control Solution %: 0.100% Expires: 09/23/2015
Solution Control Lot: 131123 Bottle No.: 0728

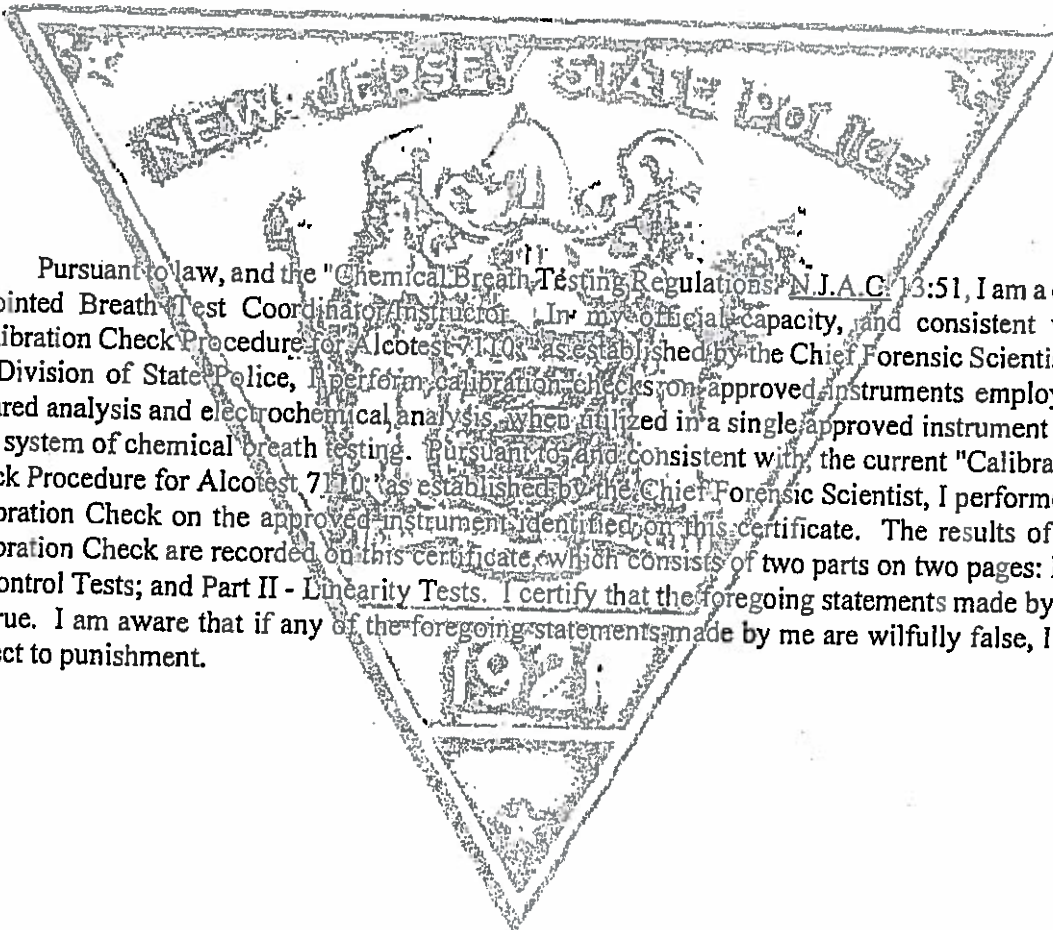
Coordinator

Last Name: DENNIS First Name: MARC MI: W.

Signature: SGT. M. Dennis #5925 Badge No.: 5925
Date: 09/08/2015

*Black Key Temperature Probe Serial.....# DDXX P2-376

*Digital NIST Temperature Measuring System Serial.....# 130754749



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-0037
Location:	WALL TOWNSHIP POLICE		
Calibration File No.:	01363	Calib. Date:	09/08/2015
Certification File No.:	01364	Cert. No.:	00026
Linearity File No.:	01261	Cert. Date:	09/08/2015
Solution File No.:	01362	Lin. Date:	03/25/2015
Sequential File No.:	01364	Lin. No.:	00017
		Soln. Date:	09/06/2015
		Soln. No.:	00222
		File Date:	09/08/2015
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDAB-0014
Solution Control Lot:	13I123	Expires:	09/23/2015
		Bottle No.:	0728

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:40D		
Control 1 EC	0.099%	13:40D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:41D		
Control 2 EC	0.099%	13:41D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:42D		
Control 3 EC	0.099%	13:43D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	13:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:43D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

Signature: _____

SGT. J. L. Dennis

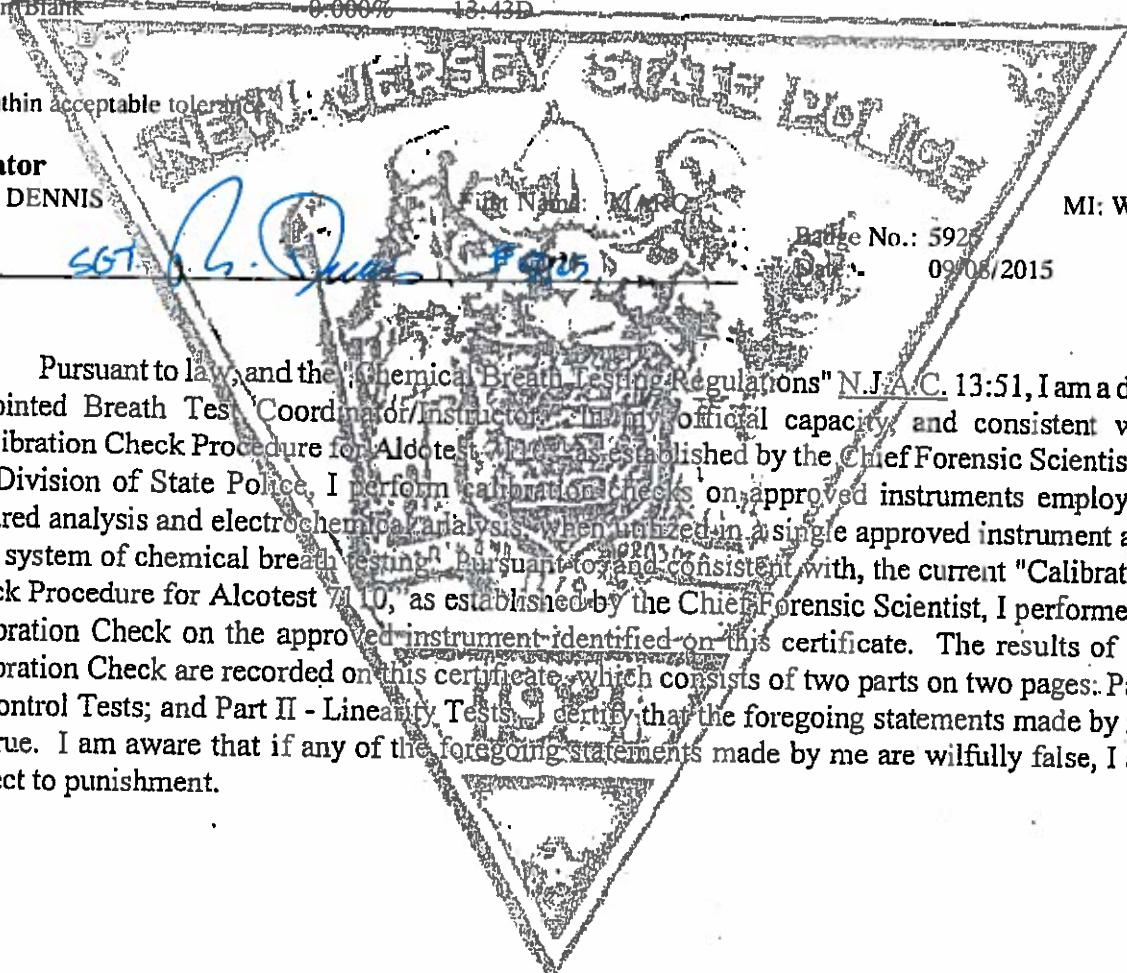
First Name: MARCO

Badge No.: 5925

Date: 09/08/2015

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-0037
Location: WALL TOWNSHIP POLICE
Calibration File No.: 01363 **Calib. Date:** 09/08/2015 **Calib. No.:** 00026
Certification File No.: 01364 **Cert. Date:** 09/08/2015 **Cert. No.:** 00018
Linearity File No.: 01365 **Lin. Date:** 09/08/2015 **Lin. No.:** 00018
Solution File No.: 01362 **Soln. Date:** 09/06/2015 **Soln. No.:** 00222
Sequential File No.: 01365 **File Date:** 09/08/2015

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0186
Control Solution %: 0.040% **Expires:** 09/13/2015
Solution Control Lot: 13I120 **Bottle No.:** 0817

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0188
Control Solution %: 0.080% **Expires:** 09/16/2015
Solution Control Lot: 13I121 **Bottle No.:** 0241

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDXD S3-0191
Control Solution %: 0.160% **Expires:** 08/05/2016
Solution Control Lot: 14H131 **Bottle No.:** 1287

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:04D		
Control 1 EC	0.040%	14:04D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	14:04D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:06D		
Control 2 EC	0.040%	14:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	14:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:08D		
Control 3 EC	0.080%	14:08D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	14:08D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:10D		
Control 4 EC	0.079%	14:11D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	14:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:12D		
Control 5 EC	0.153%	14:13D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	14:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:14D		
Control 6 EC	0.154%	14:15D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	14:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:17D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: SGT.  #5925

Badge No.: 5925

Date: 09/08/2015

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0037
Location:	WALL TOWNSHIP POLICE	
Calibration File No.:	01363	Calib. Date: 09/08/2015
Certification File No.:	01364	Calib. No.: 00026
Linearity File No.:	01365	Cert. Date: 09/08/2015
Solution File No.:	01366	Cert. No.: 00018
Sequential File No.:	01366	Lin. Date: 09/08/2015
		Lin. No.: 00018
		Soln. No.: 00223
		File Date: 09/08/2015

Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDAB-0014
Solution Control Lot:	14H132	Expires: 08/22/2016
		Bottle No.: 0055

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:23D		
Control 1 EC	0.100%	15:23D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:23D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:24D		
Control 2 EC	0.100%	15:24D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	15:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:25D		
Control 3 EC	0.099%	15:26D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	15:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:26D		

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: DDXK P2-369

Changed By:

Last Name: DENNIS

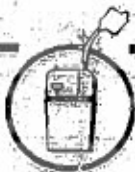
First Name: MARC

MI: W.

Signature: SGT. [Handwritten Signature] #5925

Badge No.: 5925

Date: 09/08/2015



Dräger

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249-12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDXDS3-0186

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15



Dräger

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

(F.R. Vol. 59 No. 249-12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDXDS3-0188

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15



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:

DDXDS3-0191

Certification Date

9-19-14

Technician

BC

Re-Certification Due Date

9-19-15

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

DDXK P2-376

Certification date:

9-2-14

Next Certification due:

9-2-15

Probe Value

106

Dräger Safety Diagnostics, Inc.
Technical Service Department

BC



Calibration
Certificate No. 1750.01

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



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: G1220-601 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	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-218	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	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 12/12/13 Cal Due: 12/12/15
Test Conditions: 24.0°C 53.0%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	3.9:1
°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	49.950	50.053	0.014	3.6:1
°C		N/A		100.001	99.999	Y	99.961	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 9001:2008 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; Data=MM/DD/YY

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Adam Justice
Adam Justice, 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@control.com www.control.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-AC-HOU-SVA.
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

KIM GUADAGNO
Lt. Governor

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/24/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13I123

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1186 to 0.1192 grams per 100 milliliters of solution.

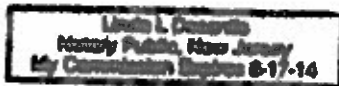
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 23, 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.

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

Sworn to and subscribed before me this 28th day of October, 2013.

Sandra L. W. Fautis
Notary



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JOHN J. HOFFMAN
 Acting Attorney General

COLONEL JOSEPH R. FUENTES
 Superintendent

CERTIFICATION OF ANALYSIS
0.040 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: 10/25/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131120

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0184 to 0.0489 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 September 13, 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.

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

Sworn to and subscribed before me this 28th day of October, 2013.

Linda L. Desantis
 Notary



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JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.080 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: 10/31/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131121

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0952 to 0.0971 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 September 16, 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.

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

Sworn to and subscribed before me this 1st day of November, 2013.

Mary E. McLaughlin
 Notary

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



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

Sworn to and subscribed before me this 14th day of August, 2014.

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
0.10 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: 9/11/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H132

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1220 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 22, 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 15th day of September, 2014.

Notary

LINDA L DESANTIS
ID # 2228599
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires August 17, 2019



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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:

4-23-14

SERIAL NUMBER:

ARXA-0037

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)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDAB - 0014

Certification Date

8-18-15

Technician

JJ

Re-Certification Due Date

8-18-16

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

DDXKP2-369

Certification date:

8-20-15

Next Certification due:

8-20-16

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

JJ

DEPARTMENT OF
Motor and Public Safety
This is to certify that
Marc W. Dennis
New Jersey State Police
IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL ANALYSES PURSUANT TO CHAPTER 146 OF THE LAWS OF 1944 IN THE OPERATION OF THE Alco 7110 MK III-C Breathalyzer
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 26th DAY OF Sept.
TWO THOUSAND AND 01

C. P. Kelly
SUPERINTENDENT
NEW JERSEY STATE POLICE

John P. ...
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>Camelia</u>
2. <u>11-14-01</u>	<u>ACTC</u>	<u>Mr. Johnson</u>
3. <u>7-17-03</u>	<u>ACTC</u>	<u>Mr. Potter</u>
4. <u>10-6-05</u>	<u>ACTC</u>	<u>Mr. ...</u>
5. <u>11-14-07</u>	<u>OCPA</u>	<u>C. Potter</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

SP-2938 (Rev. 4/00)

DEPARTMENT OF
Motor and Public Safety
This is to certify that
Marc W. Dennis
New Jersey State Police
IS QUALIFIED AND COMPETENT TO CONDUCT OPERATIONAL ANALYSES PURSUANT TO CHAPTER 146 OF THE LAWS OF 1944 IN THE OPERATION OF THE ALCO 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>M. Potter</u>
3. <u>2-10-11</u>	<u>SAYREVILLE PD</u>	<u>A. ...</u>
4. <u>11/19/13</u>	<u>S.I.C.E.S.T.A.</u>	<u>[Signature]</u>
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 CLASSIFICATION TESTS PURSUANT TO CHAPTER 143 OF THE LAWS OF 1964 IN THE OPERATION OF A METHOD TO DETERMINE INTOXICATION.

Coordinator/Instructor

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THE 5th DAY OF November TWO THOUSAND AND Eight

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2838 (Rev. 07/07)