

Alcotest 7110 Calibration Record

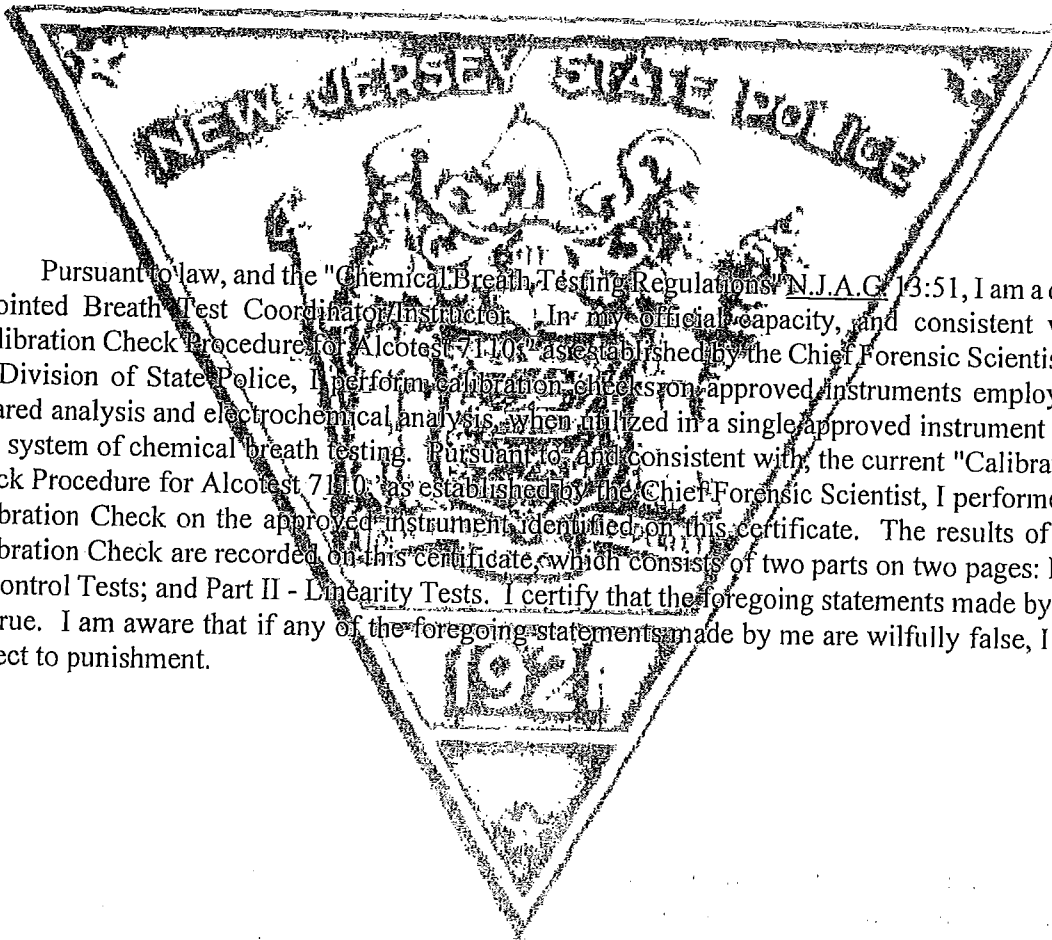
Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0069
Location: MARLBORO TWP. POLICE
Calibration File No.: 00512 Calib. Date: 10/09/2014 Calib. No.: 00024
Certification File No.: 00482 Cert. Date: 04/10/2014 Cert. No.: 00015
Linearity File No.: 00483 Lin. Date: 04/10/2014 Lin. No.: 00018
Solution File No.: 00510 Soln. Date: 10/05/2014 Soln. No.: 00115
Sequential File No.: 00512 File Date: 10/09/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0162
Control Solution %: 0.100% Expires: 09/17/2015
Solution Control Lot: 131122 Bottle No.: 0732

Coordinator

Last Name: DENNIS First Name: MARC MI: W.
Signature: SGT. [Signature] #5925 Badge No.: 5925
Date: 10/09/2014

*Black Key Temperature Probe Serial.....# DDXK P2-323 (AD)
*Digital NIST Temperature Measuring System Serial.....# 130 754 749 (AD)



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.

OCT 14 2014

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment

Alcotest 7110 MKIII-C
MARLBORO TWP. POLICE
Serial No.: ARXA-0069

Calibration File No.:	00512	Calib. Date:	10/09/2014	Calib. No.:	00024
Certification File No.:	00513	Cert. Date:	10/09/2014	Cert. No.:	00016
Linearity File No.:	00483	Lin. Date:	04/10/2014	Lin. No.:	00018
Solution File No.:	00510	Soln. Date:	10/05/2014	Soln. No.:	00115
Sequential File No.:	00513	File Date:	10/09/2014		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXC S3-0162
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	13I122			Bottle No.:	0732

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:47D		
Control 1 EC	0.099%	15:48D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	15:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:48D		
Control 2 EC	0.099%	15:49D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	15:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:50D		
Control 3 EC	0.099%	15:50D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:51D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

SGT.

Badge No.: 5925

Date: 10/09/2014

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.: 00512 Calib. Date: 10/09/2014 Calib. No.: 00024
Certification File No.: 00513 Cert. Date: 10/09/2014 Cert. No.: 00016
Linearity File No.: 00515 Lin. Date: 10/09/2014 Lin. No.: 00020
Solution File No.: 00510 Soln. Date: 10/05/2014 Soln. No.: 00115
Sequential File No.: 00515 File Date: 10/09/2014

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.: 0026

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.: 0070

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.: 0925

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	16:22D		
Control 1 EC	0.039%	16:23D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	16:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:24D		
Control 2 EC	0.038%	16:25D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	16:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:27D		
Control 3 EC	0.080%	16:27D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	16:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:30D		
Control 4 EC	0.080%	16:30D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	16:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:32D		
Control 5 EC	0.155%	16:32D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	16:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:35D		
Control 6 EC	0.158%	16:36D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	16:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:37D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

SGT. [Signature] # 5925

Badge No.: 5925

Date: 10/09/2014

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE		
Calibration File No.:	00512	Calib. Date:	10/09/2014
Certification File No.:	00513	Cert. Date:	10/09/2014
Linearity File No.:	00515	Lin. Date:	10/09/2014
Solution File No.:	00516	Soln. Date:	10/09/2014
Sequential File No.:	00516	File Date:	10/09/2014
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.:	1233

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	17:43D		
Control 1 EC	0.100%	17:43D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	17:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:44D		
Control 2 EC	0.100%	17:45D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	17:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:45D		
Control 3 EC	0.100%	17:46D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	17:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:46D		

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 (4)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: SGT. [Signature] #5925

Badge No.: 5925

Date: 10/09/2014



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:

DDXDS3-0186

Certification Date

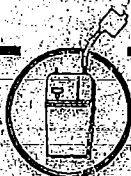
Technician

Re-Certification Due Date

9-22-14

BC

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:

DDXDS3-0188

Certification Date

Technician

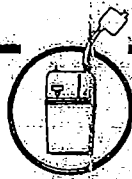
Re-Certification Due Date

9-22-14

BC

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:

DDXDS3-091

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 P2-323

Certification date:

9-19-14

Next Certification due:

9-19-15

Probe Value

104

Draeger 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: 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	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-08 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	99.961	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 "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

Arion Justice
Arion 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@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-RvA.
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: 10/23/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13I122

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 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 September 17, 2015.

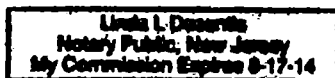
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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.

[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 28th day of October, 2013.

[Handwritten signature of Linda L. DePantis]
Notary



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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 0.0484 to 0.0489 grams per 100 milliliters of solution.

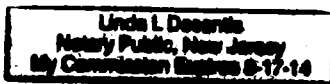
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

Notary



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 Governor

KIM GUADAGNO
 Lt. Governor

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: Draeger 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 0.0959 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. Alaouie, 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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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.

Notary
MARY ELIZABETH MCLAUGHLIN

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



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 DEPARTMENT OF LAW AND PUBLIC SAFETY
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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: Draeger Safety, Inc.

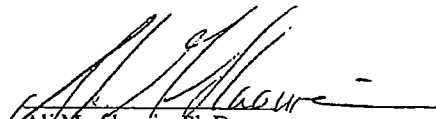
ANALYSIS DATE: 12/09/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13K125

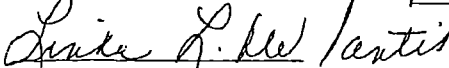
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1222 grams per 100 milliliters of solution.

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.


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

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


 Notary

Ursula I. Desantis
 Notary Public, New Jersey
 My Commission Expires 8-17-14



"An Internationally Accredited Agency"

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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:

4-3-14

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)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDXC S3-0162

Certification Date

Technician

Re-Certification Due Date

02/10/14

SY

02/10/15

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

Certification date:

Next Certification due:

DDUS P2-0166

02-10-14

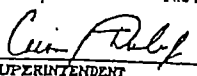

02-10-15

Probe Value

103

Draeger Safety Diagnostics, Inc.
Technical Service Department

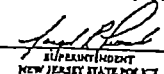

SY

DEPARTMENT OF
Motor and Public Safety
 This is to certify that
Marc Wof Dennis
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT SCIENTIFIC ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1944 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.

 SUPERINTENDENT
 NEW JERSEY STATE POLICE

 ATTORNEY GENERAL
 STATE OF NEW JERSEY

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

1.	DATE	PLACE	INSTRUCTOR
	<u>11/10/99</u>	<u>O.C.P.A.</u>	<u>Cambria</u>
2.	<u>11-14-04</u>	<u>ACTC</u>	<u>Ken Thompson</u>
3.	<u>7-17-07</u>	<u>ACTC</u>	<u>John Potter</u>
4.	<u>10-6-05</u>	<u>ACTC</u>	<u>John Potter</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 Wof Dennis
 New Jersey State Police
 IS QUALIFIED AND COMPETENT TO CONDUCT SCIENTIFIC ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1944 IN THE OPERATION OF THE 110 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

 SUPERINTENDENT
 NEW JERSEY STATE POLICE

 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005
 Refresher Course

1.	DATE	PLACE	INSTRUCTOR
	<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. Potter</u>
4.	<u>11/19/13</u>	<u>S.I.C.E.S.T.A.</u>	<u>C. Potter</u>
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 CHEMICAL ANALYSES PURSUANT TO CHAPTER 143 OF
 THE LAWS OF 1966 IN THE OPERATION OF THE Breath Test Coordinator/Instructor
 A METHOD TO DETERMINE INTOXICATION.

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

Joseph P. ...
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

Lawrence ...
 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)

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE		
Calibration File No.:	00512	Calib. Date:	10/09/2014
Certification File No.:	00513	Cert. Date:	10/09/2014
Linearity File No.:	00515	Lin. Date:	10/09/2014
Solution File No.:	00533	Soln. Date:	02/02/2015
Sequential File No.:	00533	File Date:	02/02/2015
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXC S3-0164
Solution Control Lot:	13K125	Expires:	11/12/2015
		Bottle No.:	1238

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:16S		
Control 1 EC	0.100%	13:17S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:17S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:18S		
Control 2 EC	0.100%	13:18S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:19S		
Control 3 EC	0.100%	13:20S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:20S		

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 P2-080 (15)

Changed By:

Last Name: DENNIS

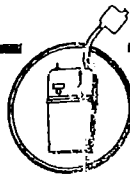
First Name: MARC

MI: W.

Signature: SGT. R. Dennis #5925

Badge No.: 5925

Date: 02/02/2015



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. 243 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDXCS3-0164

Certification Date

11-21-14

Technician

BC

Re-Certification Due Date

11-21-15

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

DDUSP2-080

Certification date:

11-21-14

Next Certification due:

11-21-15

Probe Value

103

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC