

Alcotest 7110 Calibration Record

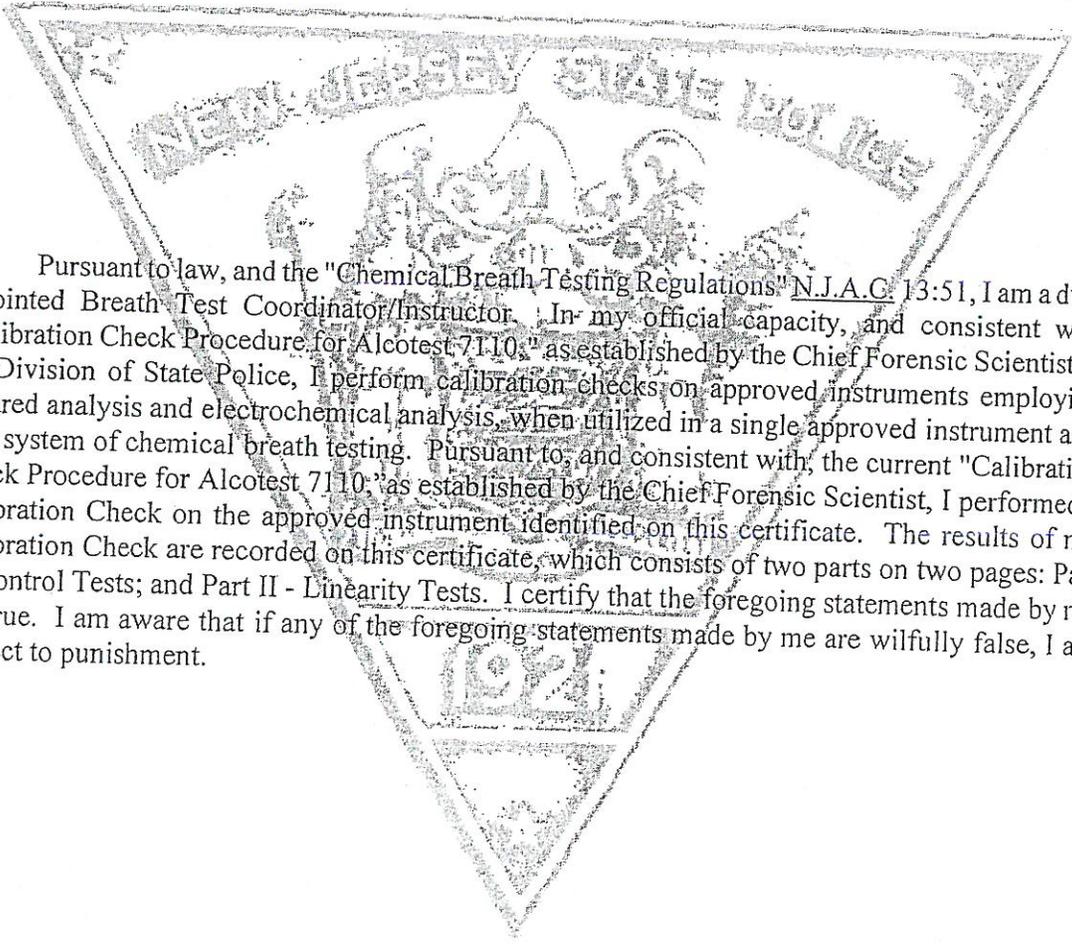
Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0056
Location: LONG BRANCH POLICE DEPT
Calibration File No.: 00473 Calib. Date: 10/24/2014 Calib. No.: 00019
Certification File No.: 00438 Cert. Date: 05/01/2014 Cert. No.: 00013
Linearity File No.: 00439 Lin. Date: 05/01/2014 Lin. No.: 00013
Solution File No.: 00471 Soln. Date: 10/12/2014 Soln. No.: 00095
Sequential File No.: 00473 File Date: 10/24/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXN S3-0217
Control Solution %: 0.100% Expires: 09/17/2015
Solution Control Lot: 131122 Bottle No.: 0425

Coordinator

Last Name: DENNIS First Name: MARC MI: W.
Signature: SGT. [Signature] #5925 Badge No.: 5925
Date: 10/24/2014

*Black Key Temperature Probe Serial.....# DDXK P2-323 (10)
*Digital NIST Temperature Measuring System Serial.....# 130754749 (10)



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-0056
Location: LONG BRANCH POLICE DEPT
Calibration File No.: 00473 Calib. Date: 10/24/2014 Calib. No.: 00019
Certification File No.: 00474 Cert. Date: 10/24/2014 Cert. No.: 00014
Linearity File No.: 00439 Lin. Date: 05/01/2014 Lin. No.: 00013
Solution File No.: 00471 Soln. Date: 10/12/2014 Soln. No.: 00095
Sequential File No.: 00474 File Date: 10/24/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXN S3-0217
Control Solution %: 0.100% Expires: 09/17/2015
Solution Control Lot: 131122 Bottle No.: 0425

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:26D		
Control 1 EC	0.098%	14:27D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:28D		
Control 2 EC	0.098%	14:29D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:29D		
Control 3 EC	0.098%	14:30D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.097%	14:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:31D		

All tests within acceptable tolerance.

Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Badge No.: 5925

Date: 10/24/2014

Signature: SGT [Signature] #5925

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-0056
Location: LONG BRANCH POLICE DEPT
Calibration File No.: 00473 Calib. Date: 10/24/2014 Calib. No.: 00019
Certification File No.: 00474 Cert. Date: 10/24/2014 Cert. No.: 00014
Linearity File No.: 00475 Lin. Date: 10/24/2014 Lin. No.: 00014
Solution File No.: 00471 Soln. Date: 10/12/2014 Soln. No.: 00095
Sequential File No.: 00475 File Date: 10/24/2014

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.: 0045

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.: 0068

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.: 0917

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:45D		
Control 1 EC	0.040%	14:45D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	14:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:47D		
Control 2 EC	0.040%	14:48D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	14:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:49D		
Control 3 EC	0.079%	14:50D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	14:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		
Control 4 EC	0.079%	14:52D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	14:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:54D		
Control 5 EC	0.158%	14:55D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.157%	14:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:56D		
Control 6 EC	0.155%	14:57D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.156%	14:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:59D		

All tests within acceptable tolerance.

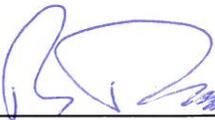
Coordinator

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: _____

SGT.  #5925

Badge No.: 5925

Date: 10/24/2014

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0056
Location:	LONG BRANCH POLICE DEPT		
Calibration File No.:	00473	Calib. Date:	10/24/2014
Certification File No.:	00474	Cert. Date:	10/24/2014
Linearity File No.:	00475	Lin. Date:	10/24/2014
Solution File No.:	00476	Soln. Date:	10/24/2014
Sequential File No.:	00476	File Date:	10/24/2014
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXN S3-0217
Solution Control Lot:	14A126	Expires:	01/06/2016
		Bottle No.:	0286

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:04D		
Control 1 EC	0.099%	16:05D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	16:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:05D		
Control 2 EC	0.099%	16:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:07D		
Control 3 EC	0.097%	16:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:08D		

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: DDXA P2-115 (110)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: SGT. [Signature] #5925

Badge No.: 5925

Date: 10/24/2014



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)

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)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDXDS3-0191

Certification Date	Technician	Re-Certification Due Date
<u>9-19-14</u>	<u>BC</u>	<u>9-19-15</u>

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:
<u>DDXKP2-323</u>	<u>9-19-14</u>	<u>9-19-15</u>

Probe Value	Draeger Safety Diagnostics, Inc.	
<u>104</u>	Technical Service Department	<u>BC</u>



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	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-276	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 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

Aaron Justice
Aaron 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-01805-2006-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: 131122

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.

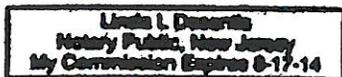
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

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

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

Linda L. DePantis
 Notary



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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 0.0484 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.

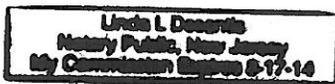
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment.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

[Handwritten signature of Ali M. Alaouie]

Ali M. Alaouie, 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. DeSantis]
Notary



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COLONEL JOSEPH R. FUENTES
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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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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 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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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: 2/18/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14A126

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1196 to 0.1208 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 January 6, 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 19th day of February, 2014.

Linda L. Desantis
 Notary

Linda L. Desantis
 Notary Public, New Jersey
 My Commission Expires 6-17-16



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Drägersafety

Alcotest[®] 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

SERIAL NUMBER:

01/28/2009

ARXA-0056

Draeger Safety Diagnostics, Inc.

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



Dräger

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDXN 33-0217

Certification Date

12-31-13

Technician

BC

Re-Certification Due Date

12-31-14

Dräger

ALCOTEST® 7110 TEMPERATURE PROBE

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe, within 12 months of the certification date below, or sooner, according to your State Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

DDXA P2-115

Certification date:

12-23-13

Next Certification due:

12-23-14

Probe Value

108

Draeger Safety Diagnostics, Inc.
Technical Service Department

51

DEPARTMENT OF
Traffic and Public Safety
This is to certify that
Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT DRUG AND ALCOHOL ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE Breathalyzer
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 26th DAY OF Sept.
TWO THOUSAND AND 01

C. P. Kelly
SUPERINTENDENT
NEW JERSEY STATE POLICE

John P. J.
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>11-14-01</u>	<u>ACTC</u>	<u>Mr. J. J. ...</u>
3.	<u>1-17-03</u>	<u>ACTC</u>	<u>...</u>
4.	<u>10-6-05</u>	<u>ACTC</u>	<u>...</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
Traffic and Public Safety
This is to certify that
Marc W. Dennis
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT DRUG AND ALCOHOL ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE ALCOHOL 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

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>[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
Law and Public Safety
 This is to certify that

Marc W. Dennis
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH 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 THIS

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. 293B (Rev. 07/07)

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0056
Location:	LONG BRANCH POLICE DEPT	
Calibration File No.:	00473	Calib. Date: 10/24/2014
Certification File No.:	00474	Calib. No.: 00019
Linearity File No.:	00475	Cert. Date: 10/24/2014
Solution File No.:	00487	Cert. No.: 00014
Sequential File No.:	00487	Lin. Date: 10/24/2014
		Lin. No.: 00014
		Soln. Date: 01/23/2015
		Soln. No.: 00098
		File Date: 01/23/2015

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXN S3-0216
Control Solution %: 0.100%		Expires: 01/06/2016
Solution Control Lot: 14A126		Bottle No.: 0290

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:27S		
Control 1 EC	0.101%	10:28S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:28S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:29S		
Control 2 EC	0.100%	10:29S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:30S		
Control 3 EC	0.100%	10:31S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:32S		

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: DDXA P2-114 (10)

Changed By:

Last Name: DENNIS

First Name: MARC

MI: W.

Signature: Sgt. P. J. Dennis #5925

Badge No.: 5925

Date: 01/23/2015



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:

DDXN 33-0216

Certification Date

1-14-15

Technician

BC

Re-Certification Due Date

1-14-16

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

DDXA P2-114

Certification date:

1-13-15

Next Certification due:

1-13-16

Probe Value

108

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC