Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARXB-0076
Location:	SPRING LAKE POLICE				
Calibration File No.:	00203	Calib. Date:	07/21/2014	Calib. No.:	00015
Certification File No.:	00185	Cert. Date:	01/10/2014	Cert. No.:	00012
Linearity File No.:	00186	Lin. Date:	01/10/2014	Lin. No.:	00012
Solution File No.:	00202	Soln. Date:	07/11/2014	Soln. No.:	00090
Sequential File No.:	00203	File Date:	07/21/2014		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDYB S3-0002
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	13I122			Bottle No.:	0890

Coordinator

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

Signature: SGT. M. Dennis #5925 Badge No.: 5925

Date: 07/21/2014

*Black Key Temperature Probe Serial.....# DDXK P2-323 (MD)

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

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.:	ARXB-0076
Location:	SPRING LAKE POLICE				
Calibration File No.:	00203	Calib. Date:	07/21/2014	Calib. No.:	00015
Certification File No.:	00204	Cert. Date:	07/21/2014	Cert. No.:	00013
Linearity File No.:	00186	Lin. Date:	01/10/2014	Lin. No.:	00012
Solution File No.:	00202	Soln. Date:	07/11/2014	Soln. No.:	00090
Sequential File No.:	00204	File Date:	07/21/2014		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDYB S3-0002
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	13I122			Bottle No.:	0890

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:51D		
Control 1 EC	0.099%	14:51D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	14:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		
Control 2 EC	0.099%	14:53D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.097%	14:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		
Control 3 EC	0.098%	14:54D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	14:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:54D		

All tests within acceptable tolerance.

Coordinator

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

Badge No.: 5925

Signature: SGT. M. Dennis #5925 Date: 07/21/2014

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.: ARXB-0076
Location: SPRING LAKE POLICE

Calibration File No.:	00203	Calib. Date:	07/21/2014	Calib. No.:	00015
Certification File No.:	00204	Cert. Date:	07/21/2014	Cert. No.:	00013
Linearity File No.:	00205	Lin. Date:	07/21/2014	Lin. No.:	00013
Solution File No.:	00202	Soln. Date:	07/11/2014	Soln. No.:	00090
Sequential File No.:	00205	File Date:	07/21/2014		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0186
Control Solution %:	0.040%			Expires:	08/24/2014
Solution Control Lot:	12H104			Bottle No.:	0882

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0188
Control Solution %:	0.080%			Expires:	08/27/2014
Solution Control Lot:	12H105			Bottle No.:	0656

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0191
Control Solution %:	0.160%			Expires:	09/10/2014
Solution Control Lot:	12I106			Bottle No.:	0134

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:08D		
Control 1 EC	0.039%	15:08D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.038%	15:08D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:10D		
Control 2 EC	0.039%	15:10D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	15:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:11D		
Control 3 EC	0.078%	15:12D	33.8°C	*** TEST PASSED ***
Control 3 IR	0.078%	15:12D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:13D		
Control 4 EC	0.077%	15:14D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.077%	15:14D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:15D		
Control 5 EC	0.153%	15:16D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.155%	15:16D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:18D		
Control 6 EC	0.154%	15:18D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	15:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:20D		

All tests within acceptable tolerance.

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

Signature: SGT. [signature] #5925 Badge No.: 5925
Date: 07/21/2014

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARXB-0076
Location:	SPRING LAKE POLICE				
Calibration File No.:	00203	Calib. Date:	07/21/2014	Calib. No.:	00015
Certification File No.:	00204	Cert. Date:	07/21/2014	Cert. No.:	00013
Linearity File No.:	00205	Lin. Date:	07/21/2014	Lin. No.:	00013
Solution File No.:	00206	Soln. Date:	07/21/2014	Soln. No.:	00091
Sequential File No.:	00206	File Date:	07/21/2014		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDYB S3-0002
Control Solution %:	0.100%			Expires:	06/17/2015
Solution Control Lot:	13F114			Bottle No.:	0704

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:25D		
Control 1 EC	0.100%	16:26D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	16:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:26D		
Control 2 EC	0.100%	16:27D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:27D		
Control 3 EC	0.100%	16:28D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:29D		

All tests within acceptable tolerance.

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

Temperature Probe Serial Number: DDXA P2-117 (MA)

Changed By:

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

Signature: SGT. [signature] #5925 Badge No.: 5925

Date: 07/21/2014

Dräger

CERTIFICATE OF ACCURACY

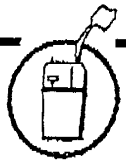
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDXD53-0186

Certification Date	Technician	Re-Certification Due Date
1-22-14	BC	1-22-15



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: DDXD53-0188

Certification Date	Technician	Re-Certification Due Date
1-23-14	BC	1-23-15

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: DDXD53-0191

Certification Date	Technician	Re-Certification Due Date
1-23-14	BC	1-23-15

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:
DDXKP2-323	1-21-14	1-21-15

Probe Value: 104

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

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

ACCREDITED

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	126	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 33.0 %RH 1033 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	25.001	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.000	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	Y	99.951	100.051	0.018	2.8:1

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Aaron Judice, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rox Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2006-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. DeDantis
Notary

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

State of New Jersey
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Governor

KIM GUADAGNO
Lt. Governor

JEFFREY S. CHIESA
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 9/26/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H104

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

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

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

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

Linda L. DeSantis
Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 6-17-14

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Lt. Governor

JEFFREY S. CHIESA
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 9/27/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H105

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 27, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

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

Notary

Linda L Desantis
Notary Public, New Jersey
My Commission Expires 6-17-14

State of New Jersey
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Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12I106

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

This lot of breath alcohol simulator solution may be utilized as a known 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 10, 2014.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

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

Notary

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

State of New Jersey
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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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:** 7/15/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13F114

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 0.1220 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 June 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 18th day of July, 2013.

Linda L. Desantis
Notary

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

Dräger

Alcotest® 7110 MKIII-C

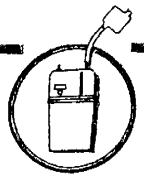
CERTIFICATE OF ACCURACY

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: 7-15-14

SERIAL NUMBER: ARXB-0076

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: DDYBS3-0002

Certification Date	Technician	Re-Certification Due Date
6-27-14	BC	6-27-15

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:
DDXAP2-1117	6-26-14	6-26-15

Probe Value: 101

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

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 142 OF THE LAWS OF 1966 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

	DATE	PLACE	INSTRUCTOR
1.	11/10/99	O.C.P.A.	Cambria
2.	11-14-01	ACTC	
3.	7-17-03	ACTC	
4.	10-6-05	ACTC	
5.	11-14-07	OCPA	C Potter
6.			
7.			
8.			
9.			

SP-293B (Rev. 4/00)

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 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 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

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 12/1/2005

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.	12-19-07	Ocean Co. PA	Potter
2.	3/12/09	MORRIS CO. PA	M. Russo
3.	2-10-11	SAYREVILLE PD	A Tu
4.	11/19/13	S.C.E.S.T.A.	
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 142 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

SUPERINTENDENT
NEW JERSEY STATE POLICE

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.:	ARXB-0076
Location:	SPRING LAKE POLICE				
Calibration File No.:	00221	Calib. Date:	01/21/2015	Calib. No.:	00016
Certification File No.:	00222	Cert. Date:	01/21/2015	Cert. No.:	00014
Linearity File No.:	00223	Lin. Date:	01/21/2015	Lin. No.:	00014
Solution File No.:	00231	Soln. Date:	03/25/2015	Soln. No.:	00102
Sequential File No.:	00231	File Date:	03/25/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDYB S3-0001
Control Solution %:	0.100%			Expires:	12/31/2016
Solution Control Lot:	14L135			Bottle No.:	0780

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:16S	12:16 D MD	
Control 1 EC	0.099%	11:17S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:17S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:18S		
Control 2 EC	0.099%	11:18S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:19S		
Control 3 EC	0.099%	11:20S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:21S	12:21 D MD	

All tests within acceptable tolerance.

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

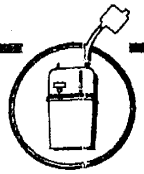
Temperature Probe Serial Number: DDXA P2-118 MD

Changed By:

Last Name: DENNIS First Name: MARC MI: W

Signature: SGT. M. Dennis #5925 Badge No.: 5925

Date: 03/25/2015



Dräger

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

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDYB53-0001

Certification Date	Technician	Re-Certification Due Date
1-29-15	BC	1-29-16

Dräger

ALCOTEST® 7110 TEMPERATURE PROBE

CERTIFICATE OF ACCURACY

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Serial Number Temp. Probe	Certification date:	Next Certification due:
DDXAP2-118	1-26-15	1-26-16

Probe Value: 104

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC