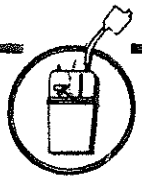

Dräger

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: DDZE-0030

Certification Date	Technician	Re-Certification Due Date
04-07-14	SY	04-07-15

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:
DDWJ P2-167	04-07-14	04-07-15

Probe Value: 102

Draeger Safety Diagnostics, Inc.
Technical Service Department

SY

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARWM-0027
Location:	LITTLE FALLS TOWNSHIP				
Calibration File No.:	00316	Calib. Date:	10/02/2014	Calib. No.:	00011
Certification File No.:	00276	Cert. Date:	04/02/2014	Cert. No.:	00008
Linearity File No.:	00277	Lin. Date:	04/02/2014	Lin. No.:	00008
Solution File No.:	00314	Soln. Date:	09/05/2014	Soln. No.:	00061
Sequential File No.:	00316	File Date:	10/02/2014		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDZE-0030
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	13J122			Bottle No.:	0069

Coordinator

Last Name: SUROWIEC First Name: JOHN MI: -

Signature: Type I #6429 Badge No.: 6429

Date: 10/02/2014

*Black Key Temperature Probe Serial.....# DDLH P1 - 0079 (JS)

*Digital NIST Temperature Measuring System Serial.....# 130 602 279 (JS)

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.:	ARWM-0027
Location:	LITTLE FALLS TOWNSHIP				
Calibration File No.:	00316	Calib. Date:	10/02/2014	Calib. No.:	00011
Certification File No.:	00317	Cert. Date:	10/02/2014	Cert. No.:	00009
Linearity File No.:	00277	Lin. Date:	04/02/2014	Lin. No.:	00008
Solution File No.:	00314	Soln. Date:	09/05/2014	Soln. No.:	00061
Sequential File No.:	00317	File Date:	10/02/2014		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDZE-0030
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	131122			Bottle No.:	0069

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:15D		
Control 1 EC	0.099%	13:16D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:16D		
Control 2 EC	0.099%	13:17D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:18D		
Control 3 EC	0.099%	13:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:19D		

All tests within acceptable tolerance.

Coordinator

Last Name: SUROWIEC First Name: JOHN MI: -

Signature: TPR I #6429 Badge No.: 6429

Date: 10/02/2014

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.:	ARWM-0027
Location:	LITTLE FALLS TOWNSHIP				
Calibration File No.:	00316	Calib. Date:	10/02/2014	Calib. No.:	00011
Certification File No.:	00317	Cert. Date:	10/02/2014	Cert. No.:	00009
Linearity File No.:	00318	Lin. Date:	10/02/2014	Lin. No.:	00009
Solution File No.:	00314	Soln. Date:	09/05/2014	Soln. No.:	00061
Sequential File No.:	00318	File Date:	10/02/2014		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDAE-0021
Control Solution %:	0.040%			Expires:	09/13/2015
Solution Control Lot:	13I120			Bottle No.:	0351
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDRF S3-0009
Control Solution %:	0.080%			Expires:	09/16/2015
Solution Control Lot:	13I121			Bottle No.:	0740
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDRK S3-0005
Control Solution %:	0.160%			Expires:	08/05/2016
Solution Control Lot:	14H131			Bottle No.:	0738

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:43D		
Control 1 EC	0.041%	13:43D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:45D		
Control 2 EC	0.041%	13:45D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:47D		
Control 3 EC	0.081%	13:47D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	13:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:49D		
Control 4 EC	0.080%	13:49D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:51D		
Control 5 EC	0.160%	13:51D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	13:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:53D		
Control 6 EC	0.160%	13:54D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:55D		

All tests within acceptable tolerance.

Coordinator

Last Name: SUROWIEC First Name: JOHN MI: -

Signature: Tpr I [signature] #6429 Badge No.: 6429

Date: 10/02/2014

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C		Serial No.: ARWM-0027
Location:	LITTLE FALLS TOWNSHIP		
Calibration File No.:	00316	Calib. Date: 10/02/2014	Calib. No.: 00011
Certification File No.:	00317	Cert. Date: 10/02/2014	Cert. No.: 00009
Linearity File No.:	00318	Lin. Date: 10/02/2014	Lin. No.: 00009
Solution File No.:	00319	Soln. Date: 10/02/2014	Soln. No.: 00062
Sequential File No.:	00319	File Date: 10/02/2014	
Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDZE-0030
Control Solution %:	0.100%		Expires: 01/06/2016
Solution Control Lot:	14A126		Bottle No.: 0750

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:02D		
Control 1 EC	0.101%	15:02D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:02D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:03D		
Control 2 EC	0.099%	15:04D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	15:04D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:04D		
Control 3 EC	0.100%	15:05D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	15:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:06D		

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: DDWJ P2-167 (JS)

Changed By:

Last Name: SUROWIEC First Name: JOHN MI: -

Signature: TPR I [signature] #6429 Badge No.: 6429

Date: 10/02/2014

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: 6-2-2011

SERIAL NUMBER: ARWM-8027

Dräger Safety Diagnostics, Inc.

Calibration
Certificate No. 1750.01

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

Cert. No.: 4000-5427023

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: 130602279 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	11/09/13	1000327261
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: 10/08/13 **Cal Due: 10/08/15**

Test Conditions: 24.0°C 37.0 %RH 1017 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	-0.051	0.049	0.013	3.8:1
°C		N.A.		25.001	25.001	Y	24.951	25.051	0.023	2.2:1
°C		N.A.		50.003	50.001	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.998	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 Rex 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).

Traceable® is a registered trademark of Control Company

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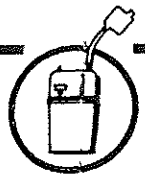

Dräger

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: DDRK S3-0005

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: DDRF S3-0009

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.

Ø Model: ALCOTEST® CU34
○ Model: MARK IIA
○ Other: _____

Serial Number: DDAE-0021

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:
DDLHP1-0079	1-21-14	1-21-15

Probe Value: 106

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

Dräger

CERTIFICATE OF ACCURACY

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

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDZE-0030

Certification Date	Technician	Re-Certification Due Date
04-07-14	SY	04-07-15

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:
DDWJ P2-167	04-07-14	04-07-15

Probe Value: 102

Draeger Safety Diagnostics, Inc.
Technical Service Department

SY

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. DeSantis
Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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
0.040 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: 13I120

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.

Linda L. DeSantis
Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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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
0.080 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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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
0.16 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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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:** 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. Alaouie, 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 8-17-16

DEPARTMENT OF

Law and Public Safety

This is to certify that

JOHN SUROWIEC III

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 MKIII-C** A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS **18th** DAY OF **APRIL** TWO THOUSAND AND **EIGHT**

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.	6-29-10	BERGEN CO. P.A.	
2.	2-8-12	BERGEN CO PA	
3.	1-23-14	SAYREVILLE PD	
4.			
5.			
6.			
7.			
8.			
9.			

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

DEPARTMENT OF

Law and Public Safety

This is to certify that

John Sunowiec # 6429

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSIS 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 29th DAY OF January TWO THOUSAND AND Ten

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. 03/10)

DEPARTMENT OF

Law and Public Safety

This is to certify that
JOHN SUROWIEC III
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 MKIII-C* A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS *18th* DAY OF *APRIL*
TWO THOUSAND AND *EIGHT*

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

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