

ALCOTEST CHECKLIST

Municipality: EVESHAM Alcotest Ser. #: ARUL - 0061

County: BURLINGTON Date of Calibration: 12-11-2014

- ✓ 1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.
- ✓ 2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.
Ser. #: DDUN 53 - 0311
- ✓ 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDUJ P2 - 110
- ✓ 4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 130 602 271
- ✓ 5.
 - ✓ A. Alcotest 7110 Calibration Record
 - ✓ B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
 - ✓ C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
 - ✓ D. **Alcotest Card** of operator/coordinator who performed tests.
 - ✓ E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
Ser. #: DDUN P2 - 231
- ✓ 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

✓ A.	0.04% Solution.	<u>13</u>	<u>I</u>	<u>120</u>
✓ B.	0.08% Solution.	<u>13</u>	<u>I</u>	<u>121</u>
✓ C.	0.10% Solution.	<u>13</u>	<u>I</u>	<u>122</u>
✓ D.	0.16% Solution.	<u>14</u>	<u>H</u>	<u>131</u>
- ✓ 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
 - ✓ A. 0.04% used in Calibration/Linearity Testing. DDMK 53 - 0003
 - ✓ B. 0.08% used in Calibration/Linearity Testing. DDAE - 0022
 - ✓ C. 0.10% used in Calibration/Linearity Testing.
[Same as CU34 unit on instrument.]
 - ✓ D. 0.16% used in Calibration/Linearity Testing. DDCN - 0052
- ✓ 8.
 - ✓ A. New Standard Solution Report following Calibration.
 - ✓ B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
 - ✓ C. Certificate of Analysis 0.10% solution for same.
Lot #: 13 C 111
 - ✓ D. Alcotest card of operator/coordinator who completed change.

12-21-2014



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:

DDUN 53-0311

Certification Date

8-5-14

Technician

BC

Re-Certification Due Date

8-5-15

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

DDUN P2-110

Certification date:

8-5-14

Next Certification due:

8-5-15

Probe Value

102

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



Calibration
Certificate No. 175L01

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



Cert. No.: 4000-5427014

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: 61220-801 S/N: 130602271 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-B4829-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B4829-1-1
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	B15388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	83812004

Certificate Information:

Technician: 68 Procedure: CAL-08 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	0.000	Y	-0.051	0.049	0.013	3.8:1
°C		N.A.		25.001	25.000	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	99.994	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/YYYY

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Aaron J. Jones
Aaron J. Jones, 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-01808-2008-AQ-HQU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: EVESHAM TOWNSHIP P.D. Serial No.: ARUL-0061
Calibration File No.: 01456 Calib. Date: 12/11/2014 Calib. No.: 00021
Certification File No.: 01403 Cert. Date: 08/20/2014 Cert. No.: 00017
Linearity File No.: 01404 Lin. Date: 08/20/2014 Lin. No.: 00017
Solution File No.: 01442 Soln. Date: 11/29/2014 Soln. No.: 00162
Sequential File No.: 01456 File Date: 12/11/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUN S3-0311
Control Solution %: 0.100% Expires: 09/17/2015
Solution Control Lot: 13I122 Bottle No.: 0556

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L
Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040
Date: 12/11/2014

*Black Key Temperature Probe Serial.....# DDUNP2-231 (MGV)
*Digital NIST Temperature Measuring System Serial.....# 130602271 (MGV)

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.: ARUL-0061
Location: EVESHAM TOWNSHIP P.D.
Calibration File No.: 01456 Calib. Date: 12/11/2014 Calib. No.: 00021
Certification File No.: 01457 Cert. Date: 12/11/2014 Cert. No.: 00018
Linearity File No.: 01404 Lin. Date: 08/20/2014 Lin. No.: 00017
Solution File No.: 01442 Soln. Date: 11/29/2014 Soln. No.: 00162
Sequential File No.: 01457 File Date: 12/11/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUN S3-0311
Control Solution %: 0.100% Expires: 09/17/2015
Solution Control Lot: 131122 Bottle No.: 0556

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:47S		
Control 1 EC	0.100%	12:48S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:48S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:49S		
Control 2 EC	0.097%	12:49S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:50S		
Control 3 EC	0.098%	12:51S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:51S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:52S		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature:

Sgt. Lucy Adams #6040

Badge No.: 6040

Date: 12/11/2014

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.: ARUL-0061
Location: EVESHAM TOWNSHIP P.D.
Calibration File No.: 01456 **Calib. Date:** 12/11/2014 **Calib. No.:** 00021
Certification File No.: 01457 **Cert. Date:** 12/11/2014 **Cert. No.:** 00018
Linearity File No.: 01458 **Lin. Date:** 12/11/2014 **Lin. No.:** 00018
Solution File No.: 01442 **Soln. Date:** 11/29/2014 **Soln. No.:** 00162
Sequential File No.: 01458 **File Date:** 12/11/2014

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDMK S3-0003
Control Solution %: 0.040% **Expires:** 09/13/2015
Solution Control Lot: 13I120 **Bottle No.:** 0160

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDAE-0022
Control Solution %: 0.080% **Expires:** 09/16/2015
Solution Control Lot: 13I121 **Bottle No.:** 0691

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDCN-0052
Control Solution %: 0.160% **Expires:** 08/05/2016
Solution Control Lot: 14H131 **Bottle No.:** 1309

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:13S		
Control 1 EC	0.042%	13:13S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15S		
Control 2 EC	0.041%	13:16S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17S		
Control 3 EC	0.082%	13:18S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:19S		
Control 4 EC	0.079%	13:20S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:21S		
Control 5 EC	0.159%	13:22S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.157%	13:22S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:24S		
Control 6 EC	0.156%	13:24S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.156%	13:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26S		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Johns #6040

Badge No.: 6040

Date: 12/11/2014

DEPARTMENT OF
Police and Public Safety
 Division for Quality Control

Michelle J. Gonçalves
 New Jersey State Police

7118 MKII-C
 December

TWO THIRTEEN HOURS

[Signature]
 SUPERVISOR
 NEW JERSEY STATE POLICE

[Signature]
 ATTEST: SERGEANT
 NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
12-3-13	GCPA	Wm Lora
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2028 (Rev. 03/13)

DEPARTMENT OF
Police and Public Safety
 Division for Quality Control

Michelle Gonçalves
 New Jersey State Police

7118 MKII-C
 March

TWELVE HOURS

[Signature]
 SUPERVISOR
 NEW JERSEY STATE POLICE

[Signature]
 ATTEST: SERGEANT
 NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR

S.P. 2028 (Rev. 03/13)



CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lieutenant Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CRIMINAL JUSTICE
PO Box 085
TRENTON, NJ 08625-0085
TELEPHONE: (609) 984-6500

JEFFREY S. CHIESA
Attorney General

STEPHEN J. TAYLOR
Director

March 23, 2012

Col. Joseph R. Fuentes, Superintendent
Division of State Police
Division Headquarters
P.O. Box 7068
West Trenton, New Jersey 08628

Re: Breath Test Coordinator/Instructor, Certification -
Detective I Michelle L. Goncalves #6040

Dear Col. Fuentes:

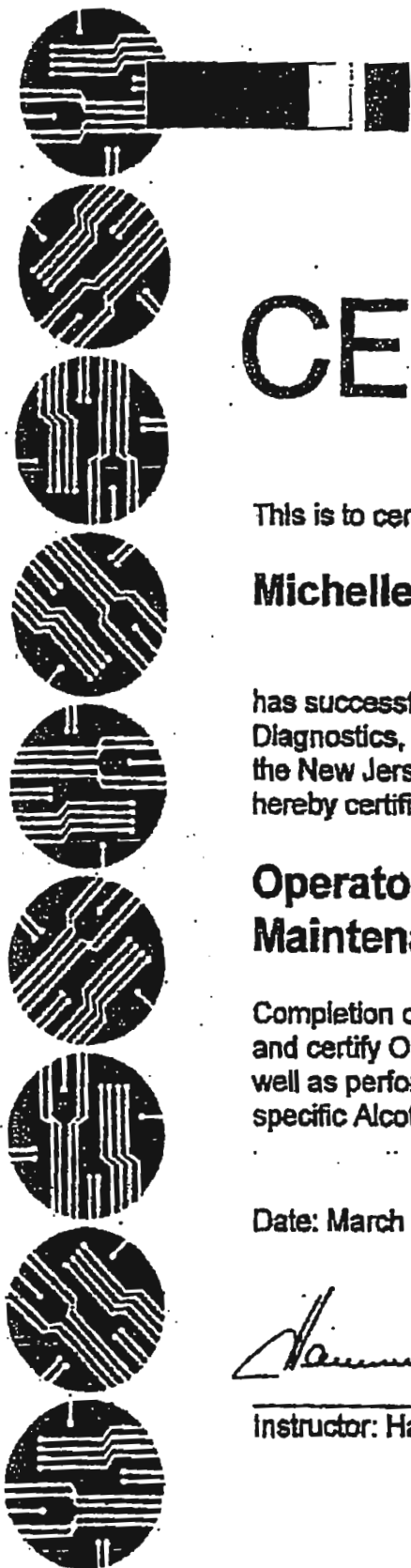
Pursuant to the provisions of *N.J.A.C.* 13:51-2.1 (b) and (c), as adopted and promulgated under the provisions of *N.J.S.A.* 39:4-50.3, 39:3-10.25 and 12:7-56, I hereby approve Detective I Michelle L. Goncalves #6040, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Jeffrey S. Chiesa
Attorney General

- c. Detective I Michelle L. Goncalves, Alcohol/Drug Test Unit, Division of State Police
DSFC Patrick Guilfooy, Unit Head, Alcohol/Drug Test Unit, Division of State Police





CERTIFICATE

This is to certify that

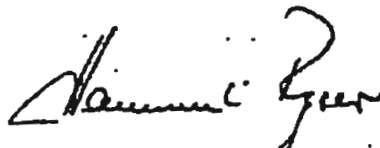
Michelle Goncalves

has successfully completed the two day Draeger Safety
Diagnostics, Inc. Alcohol Coordinator Training Course on
the New Jersey specific Alcotest® 7110 MKIII-C and is
hereby certified as a qualified

**Operator Trainer and
Maintenance Technician**

Completion of this course qualifies this individual to train
and certify Operators in the proper use and operation as
well as perform Preventive Maintenance on the New Jersey
specific Alcotest® 7110 MKIII-C.

Date: March 14, 2012



Instructor: Hansueli Ryser

Dräger



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

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

Linda L. W. Panteis
 Notary



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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. Alaouic, 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
0.10 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. Alaoui, Ph.D.
 Research Scientist
 NJSP Office of Forensic Sciences

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

Linda L. DePanti
 Notary



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KIM GUADAGNO
 Lt. Governor

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.

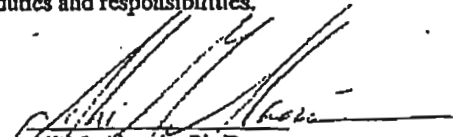
ANALYSIS DATE: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

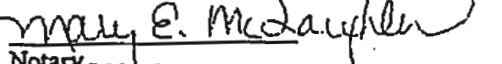
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 grams per 100 milliliters of solution.

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 14th day of August, 2014.


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



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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:

DDMK53-0003

Certification Date

9-19-14

Technician

BC

Re-Certification Due Date

9-19-15



Dräger

CERTIFICATE OF ACCURACY

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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:

DDCN-0052

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:

DDAE-0022

Certification Date

8-28-14

Technician

BC

Re-Certification Due Date

8-28-15

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

DDUNP2-231

Certification date:

9-19-14

Next Certification due:

9-19-15

Probe Value

107

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARUL-0061
Location:	EVESHAM TOWNSHIP P.D.	
Calibration File No.:	01456	Calib. Date: 12/11/2014
Certification File No.:	01457	Cert. No.: 00021
Linearity File No.:	01458	Cert. Date: 12/11/2014
Solution File No.:	01459	Lin. No.: 00018
Sequential File No.:	01459	Soln. No.: 00163
		File Date: 12/11/2014
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUN S3-0311
Solution Control Lot:	13C111	Expires: 03/12/2015
		Bottle No.: 0991

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:41S		
Control 1 EC	0.101%	14:42S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:42S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:43S		
Control 2 EC	0.099%	14:43S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:43S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:44S		
Control 3 EC	0.099%	14:45S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:45S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:46S		

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: DDUJPA2-110 MGW

Changed By:

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 12/11/2014



State of New Jersey
OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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Governor

KIM GUADAGNO
Lt. Governor

JEFFREY S. CHIESA
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: 4/4/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13C111

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1225 to 0.1232 grams per 100 milliliters of solution.

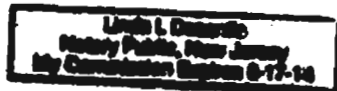
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Sworn to and subscribed before me this 9th day of April, 2013.

Joseph R. Fuentes
Notary



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