

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: LAWRENCE TWP POLICE
Serial No.: ARWF-0359
Calibration File No.: 01199
Calib. Date: 05/15/2017
Calib. No.: 00027
Certification File No.: 01162
Cert. Date: 12/06/2016
Cert. No.: 00022
Linearity File No.: 01163
Lin. Date: 12/06/2016
Lin. No.: 00022
Solution File No.: 01196
Soln. Date: 05/14/2017
Soln. No.: 00201
Sequential File No.: 01199
File Date: 05/15/2017

Calibrating Unit: WET
Model No.: CU-34
Serial No.: DDWJ S3-0355
Control Solution %: 0.100%
Expires: 09/07/2018
Solution Control Lot: 16220
Bottle No.: 1305

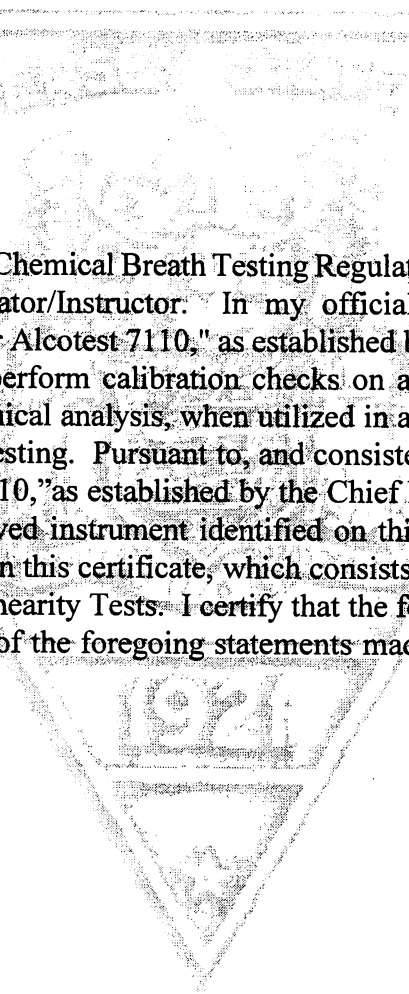
Coordinator

Last Name: GONCALVES
First Name: MICHELLE
MI: L
Signature: Sgt. Michelle Goncalves # 6040
Badge No.: 6040
Date: 05/15/2017

*Black Key Temperature Probe Serial.....# DDUNP2-237 (ua)

*Digital NIST Temperature Measuring System Serial.....# 150734146 (ua)

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
Location: LAWRENCE TWP POLICE
Serial No.: ARWF-0359
Calibration File No.: 01199 Calib. Date: 05/15/2017 Calib. No.: 00027
Certification File No.: 01200 Cert. Date: 05/15/2017 Cert. No.: 00023
Linearity File No.: 01163 Lin. Date: 12/06/2016 Lin. No.: 00022
Solution File No.: 01196 Soln. Date: 05/14/2017 Soln. No.: 00201
Sequential File No.: 01200 File Date: 05/15/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0355
Control Solution %: 0.100% Expires: 09/07/2018
Solution Control Lot: 16220 Bottle No.: 1305

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:42D		
Control 1 EC	0.098%	12:43D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:44D		
Control 2 EC	0.099%	12:44D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:45D		
Control 3 EC	0.099%	12:46D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:46D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature:

Sgt Michelle Goncalves #6040

Badge No.: 6040

Date: 05/15/2017

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.: ARWF-0359
Location: LAWRENCE TWP POLICE
Calibration File No.: 01199 Calib. Date: 05/15/2017 Calib. No.: 00027
Certification File No.: 01200 Cert. Date: 05/15/2017 Cert. No.: 00023
Linearity File No.: 01201 Lin. Date: 05/15/2017 Lin. No.: 00023
Solution File No.: 01196 Soln. Date: 05/14/2017 Soln. No.: 00201
Sequential File No.: 01201 File Date: 05/15/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0012
Control Solution %: 0.040% Expires: 09/19/2018
Solution Control Lot: 16230 Bottle No.: 0815

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0015
Control Solution %: 0.080% Expires: 09/27/2018
Solution Control Lot: 16250 Bottle No.: 1140

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0025
Control Solution %: 0.160% Expires: 10/03/2018
Solution Control Lot: 16260 Bottle No.: 0265

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:08D		
Control 1 EC	0.042%	13:09D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:09D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 2 EC	0.040%	13:11D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		
Control 3 EC	0.080%	13:13D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15D		
Control 4 EC	0.080%	13:15D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17D		
Control 5 EC	0.161%	13:17D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	13:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:19D		
Control 6 EC	0.159%	13:20D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	13:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:21D		

All tests within acceptable tolerance.

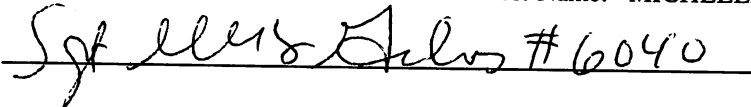
Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature:



Badge No.: 6040

Date: 05/15/2017

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWF-0359
Location:	LAWRENCE TWP POLICE		
Calibration File No.:	01199	Calib. Date:	05/15/2017
Certification File No.:	01200	Cert. No.:	00027
Linearity File No.:	01201	Lin. Date:	05/15/2017
Solution File No.:	01202	Cert. No.:	00023
Sequential File No.:	01202	Lin. No.:	00023
		Soln. No.:	00202
		File Date:	05/15/2017

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWJ S3-0355
Control Solution %:	0.100%			Expires:	09/07/2018
Solution Control Lot:	201609A			Bottle No.:	1464

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:32D		
Control 1 EC	0.101%	14:33D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:33D		
Control 2 EC	0.100%	14:34D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:35D		
Control 3 EC	0.100%	14:35D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:36D		

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: DDWAP2 - 213 ME

Changed By:

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 05/15/2017



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:

DDWJ53-0355

Certification Date

Technician

Re-Certification Due Date

11-01-16

LAG

11-01-17

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:

DDWAPL-213

11-03-16

11-03-17

Probe Value

103

Draeger Safety Diagnostics, Inc.
Technical Service Department

LAG

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:

3-16-15

SERIAL NUMBER:

ARWF-0359

Dräger Safety Diagnostics, Inc.

PC



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New Jersey is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



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

MARY ELIZABETH MCLAUGHLIN

Notary

Sworn to and subscribed before me this 15th day of September, 2016.

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

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.

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 07, 2018.

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1227 to 0.1239 grams per 100 milliliters of solution.

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 201609A

MANUFACTURER: Draeger Safety, Inc.
ANALYSIS DATE: 09/14/2016

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.

**CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

LL Governor

CHRISTOPHER S. POKRINO

Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent



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

Cert. No.: 4000-7111002



Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: WVR International, LLC, Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087

Instrument Identification:

Model: 61220-601 S/N: 150734146 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375	4/02/16	15-AOP2S-40-1
Thermistor Module	128		
Temperature Probe	A17118	3/03/16	1000371058
Temperature Calibration Bath TC-179	A4S240	3/03/16	1000371058
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15-AOP2S-20-1
Temperature Calibration Bath TC-231	A79341	11/04/15	1000365407
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444	11/04/15	1000365407
Thermistor Module	A27129	11/19/16	6-CV9Y0-1-1
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 10/02/15 Due Date: 10/02/17
 Test Conditions: 23.1°C 46.0%RH 1016 mBar

Calibration Data: (New Instrument)

Units)	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.			24.999	25.001	Y	24.949	25.049	0.014	3.6:1
°C	N.A.			50.000	50.001	Y	49.950	50.050	0.014	3.6:1
°C	N.A.			100.002	100.000	Y	99.952	100.052	0.014	3.6:1

This instrument was calibrated using instruments traceable to National Institute of Standards and Technology. 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-FVA. International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

DEPARTMENT OF
Traffic and Public Safety
Office for the Secretary of State

Michelle B. Gonçalves
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT GENERAL BREATH ALCOHOL TESTS PURSUANT TO CHAPTER 142 OF

THE LAWS OF THE STATE OF NEW JERSEY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 142 OF

A METHOD TO DETERMINE INTOXICATION BY BREATH TEST 7110 MKIII-C

GIVEN UNDER MY HAND AND SEAL AT TRENTON, NEW JERSEY, this 15th DAY OF December

TWO THOUSAND AND ELEVEN

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

DEPARTMENT OF
Traffic and Public Safety
Office for the Secretary of State

Michelle B. Gonçalves
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT GENERAL BREATH ALCOHOL TESTS PURSUANT TO CHAPTER 142 OF

THE LAWS OF THE STATE OF NEW JERSEY IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 142 OF

A METHOD TO DETERMINE INTOXICATION BY BREATH TEST Coordinator/Instructor

GIVEN UNDER MY HAND AND SEAL AT TRENTON, NEW JERSEY, this 23rd DAY OF March

TWO THOUSAND AND TWELVE

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-3-13	GC PA	Wm Lewis
2. 9/17/15	GC PA	Adam Stamba
3. 3/8/17	LAKEHURST	Adam Stamba
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 03/10)

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 02/12)



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:

DDRKS3-0012

Certification Date

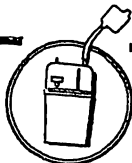
09-28-16

Technician

1220

Re-Certification Due Date

09-28-17



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:

DDRKS3-0015

Certification Date

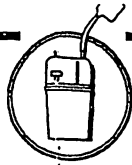
9-28-16

Technician

72

Re-Certification Due Date

9-28-17



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:

DDRKS3-0025

Certification Date

9-29-16

Technician

72

Re-Certification Due Date

9-29-17

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

DDUNP2-237

Certification date:

9-30-16

Next Certification due:

9-30-17

Probe Value

105

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



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) 682-2000

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE
Governor

KIM GUADAÑO
Lt. Governor

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.

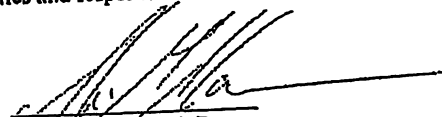
MANUFACTURER: Dräger Safety, Inc. ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

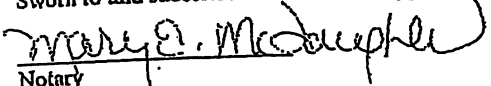
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 grams per 100 milliliters of solution.

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 07, 2018.

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. Ajaouie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20th day of September, 2016.


Notary

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



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New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable





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

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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: Dräger Safety, Inc.

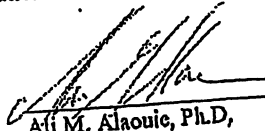
ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

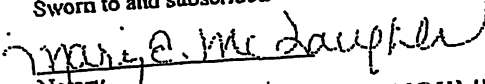
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

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 19, 2018.

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.


Adi M. Alaoui, Ph.D,
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28th day of September, 2016.


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



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COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 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 27, 2018.

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 5th day of October, 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
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: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 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 October 3, 2018.

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 17 day of October, 2016.

Notary

JOHN R LEAVER
ID # 2207138
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STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017



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