

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD	
Calibration File No.:	01927	Calib. Date: 01/22/2018
Certification File No.:	01880	Cert. Date: 08/23/2017
Linearity File No.:	01881	Lin. Date: 08/23/2017
Solution File No.:	01923	Soln. Date: 01/12/2018
Sequential File No.:	01927	File Date: 01/22/2018
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUF S3-0064
Solution Control Lot:	16270	Expires: 10/10/2018
		Bottle No.: 0362

Coordinator

Last Name: KLIMIK	First Name: DAVID	MI: W
Signature: <u>David Klimek #7040</u>	Badge No.: 7040	Date: 01/22/2018

*Black Key Temperature Probe Serial.....# DDWAP2-016 (PK)

*Digital NIST Temperature Measuring System Serial.....# 170428367 (PK)

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.: ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD	
Calibration File No.:	01927	Calib. Date: 01/22/2018
Certification File No.:	01928	Cert. Date: 01/22/2018
Linearity File No.:	01881	Lin. Date: 08/23/2017
Solution File No.:	01923	Soln. Date: 01/12/2018
Sequential File No.:	01928	File Date: 01/22/2018
Calibrating Unit:	WET	
Control Solution %:	0.100%	Model No.: CU-34
Solution Control Lot:	16270	Serial No.: DDUF S3-0064 Expires: 10/10/2018 Bottle No.: 0362

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:47S		
Control 1 EC	0.100%	08:47S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:48S		
Control 2 EC	0.098%	08:49S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:50S		
Control 3 EC	0.099%	08:50S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:50S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:51S		

All tests within acceptable tolerance

Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: TPN I D. Klimik 7040

Badge No.: 7040

Date: 01/22/2018

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.: ARTL-0005		
Location:	PLAINSBORO TOWNSHIP PD			
Calibration File No.:	01927	Calib. Date: 01/22/2018		
Certification File No.:	01928	Cert. Date: 01/22/2018		
Linearity File No.:	01929	Lin. Date: 01/22/2018		
Solution File No.:	01923	Soln. Date: 01/12/2018		
Sequential File No.:	01929	File Date: 01/22/2018		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.040%	Serial No.: DDRK S3-0005		
Solution Control Lot:	16230	Expires: 09/19/2018 Bottle No.: 0274		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.080%	Serial No.: DDRF S3-0009		
Solution Control Lot:	16250	Expires: 09/27/2018 Bottle No.: 0339		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.160%	Serial No.: DDCN-0054		
Solution Control Lot:	16260	Expires: 10/03/2018 Bottle No.: 0387		
Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:58S		
Control 1 EC	0.043%	08:58S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	08:58S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:00S		
Control 2 EC	0.042%	09:01S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.038%	09:01S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:02S		
Control 3 EC	0.082%	09:03S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	09:03S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:04S		
Control 4 EC	0.081%	09:05S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	09:05S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:06S		
Control 5 EC	0.162%	09:07S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	09:07S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09S		
Control 6 EC	0.160%	09:09S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.154%	09:09S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:11S		

All tests within acceptable tolerance.

Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: Tyr I D. Kl #7040

Badge No.: 7040

Date: 01/22/2018

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD		
Calibration File No.:	01927	Calib. Date:	01/22/2018
Certification File No.:	01928	Cert. Date:	01/22/2018
Linearity File No.:	01929	Lin. Date:	01/22/2018
Solution File No.:	01930	Soln. Date:	01/22/2018
Sequential File No.:	01930	File Date:	01/22/2018
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%		Serial No.: DDUF S3-0064
Solution Control Lot:	17290		Expires: 09/14/2019
			Bottle No.: 0332

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:16S		
Control 1 EC	0.101%	10:17S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18S		
Control 2 EC	0.099%	10:18S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:18S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:19S		
Control 3 EC	0.100%	10:20S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:20S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:21S		

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: DDSF p2-0396 (OK)

Changed By:

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: DAVID KLIMIK #7040

Badge No.: 7040

Date: 01/22/2018

Dräger

Simulator

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, Inc.

Model: ALCOTEST CU34

Serial Number:

Model: MARK IIA

DDRKS3-0005

Other: _____

Certification Date:

9-11-17

Technician:

BC

Re-Certification Due Date:

9-11-18

Dräger

Simulator

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, Inc.

Model: ALCOTEST CU34

Serial Number:

Model: MARK IIA

DDRF53-0009

Other: _____

Certification Date:

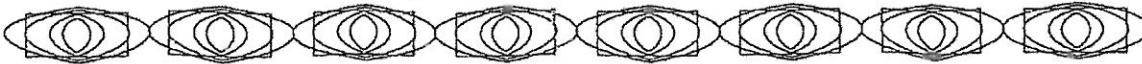
9-11-17

Technician:

BC

Re-Certification Due Date:

9-11-18



Dräger

Simulator

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, Inc.

Model: ALCOTEST CU34

Serial Number:

Model: MARK IIA

DDCN-0054

Other: _____

Certification Date:

9-11-17

Technician:

BC

Re-Certification Due Date:

9-11-18



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's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDWA P2-016

Certification Date:

9-8-17

Next Certification Due:

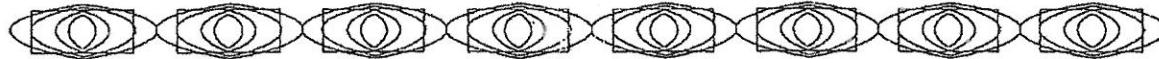
9-8-18

Probe Value:

105

Draeger, Inc.

BC





Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-8609167

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: 170428367 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/06/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5202	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5356	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	5357	1/06/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

Certificate Information:

Technician: 104

Procedure: CAL-06

Cal Date: 6/08/17

Due Date: 6/08/19

Test Conditions: 23.6°C 50.0%RH 1014 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.002	0.000	Y	-0.048	0.052	0.010	>4:1
°C		N.A.		25.003	25.001	Y	24.953	25.053	0.010	>4:1
°C		N.A.		50.002	50.000	Y	49.952	50.052	0.010	>4:1
°C		N.A.		100.001	100.002	Y	99.951	100.051	0.010	>4:1

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 Judge, 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 12554 Galveston RD Suite B230 Webster TX USA 77598
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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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. PORINO
Attorney General

COLONEL JOSEPH R. PUNNETT
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: Dräger Safety, Inc.

ANALYSIS DATE: 10/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 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 October 10, 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. Alaoule, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

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

Notary

JOHN R. LEAVER

ID # 2207138

NOTARY PUBLIC

STATE OF NEW JERSEY

My Commission Expires Dec. 14, 2017



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State of New Jersey

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Governor

KIM GUADAGNO
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CHRISTOPHER S. PORRINO
Attorney General
COLONEL JOSEPH R. PIBBLETS
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.

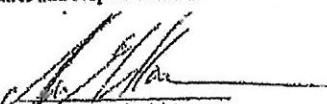
ANALYSIS DATE: 09/27/2016

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.


Ali M. Alavie, Ph.D.,
Research Scientist
NJSO Office of Forensic Sciences

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

Notary

MARY ELIZABETH MC LAUGHLIN
ID # 2062190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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State of New Jersey

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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. Fuentes
Superintendent

**CERTIFICATION OF ANALYSIS
0.08 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. Alaaule, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of October, 2016.

Mary E. McLaughlin
Notary

MARY ELIZABETH MC LAUGHLIN
ID # 2082180
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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State of New Jersey

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CHRISTOPHER S. PORRINO
Attorney General
COLONEL JOSEPH R. FURNITUS
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: Drager Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

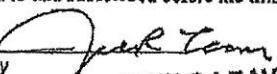
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 grams per 100 milliliters of solution.

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.


All M. Alaoui, 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
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

POST OFFICE BOX 7068

WEST TRENTON, NJ 08628-0068

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CHRISTOPHER S. PORRINO

Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

CHRIS CHRISTIE

Governor

KIM GUADAGNO

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: Draeger Safety, Inc.

ANALYSIS DATE: 09/21/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 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 September 14, 2019.

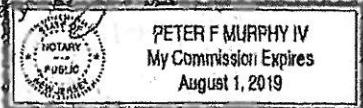
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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 22nd day of September, 2017.

Notary

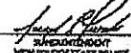


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DEPARTMENT OF
Health and Public Safety
State is to certify that

David W. Klimik
Breath Test Coordinator/Instructor
IS QUALIFIED AND COMMITTED TO CONDUCT BREATH TESTS PURSUANT TO CHAPTER 10 OF
THE LAWS OF NEW JERSEY IN THE OPERATION OF THE Alcotest 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TEGONON, NEW JERSEY, ON 23rd DAY OF July
TWO THOUSAND AND Fourteen 2014

SUPERINTENDENT
NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES

DATE	Refresher Course	PLACE	INSTRUCTOR
1. <u>1-19-17</u>	<u>LAKENHURST</u>	<u>LM</u>	
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			

S.P. 2308 (Rev. 08/13)

DEPARTMENT OF
Health and Public Safety
State is to certify that

David W. Klimik
New Jersey State Police
IS QUALIFIED AND COMMITTED TO CONDUCT BREATH TESTS PURSUANT TO CHAPTER 10 OF
THE LAWS OF NEW JERSEY IN THE OPERATION OF THE Alcotest 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TEGONON, NEW JERSEY, ON 1st DAY OF June
TWO THOUSAND AND Fifteen 2015

SUPERINTENDENT
NEW JERSEY STATE POLICE

ORIGINAL COURSE DATES 04/05/2010 - 04/08/2010

DATE	Refresher Course	PLACE	INSTRUCTOR
1. <u>01/23/2015</u>	<u>OCEAN CO. P.A.</u>	<u>Stanks</u>	
2. <u>1-19-17</u>	<u>LAKENHURST</u>	<u>LM</u>	
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			

S.P. 2308 (Rev. 08/13)

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 53 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:

1-17-17

SERIAL NUMBER:

ARUL-0054

Draeger Safety Diagnostics, Inc.

BC



Simulator

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, Inc.

Model: ALCOTEST CU34
 Model: MARK IIA
 Other: _____

Serial Number:

DDUFS3-0064

Certification Date:

11-6-17

Technician:

BC

Re-Certification Due Date:

11-6-18

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's specifications. 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:

DDSFPA-0396 11-6-17 11-6-18

Probe Value:

10.3

Draeger, Inc. 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) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

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: 01/24/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17420

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1230 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 December 11, 2019.

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 25th day of January, 2018.
MARY E. McLaughlin
Notary

MARY ELIZABETH MC LAUGHLIN

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



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY

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PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

GURBIR S. GREWAL

Attorney General

PATRICK J. CALLAHAN

Colonel

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.

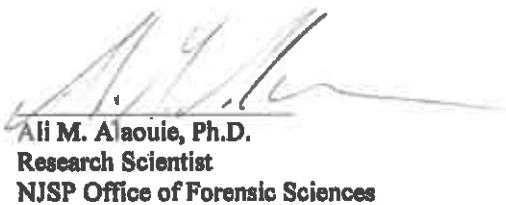
ANALYSIS DATE: 02/14/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18050

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1229 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 31, 2020.

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 15th day of February, 2018.

Mary Elizabeth McLaughlin
Notary

MARY ELIZABETH MC LAUGHLIN

ID # 2052190

NOTARY PUBLIC

STATE OF NEW JERSEY

My Commission Expires Dec. 24, 2018



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY

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PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

GURBIR S. GREWAL

Attorney General

PATRICK J. CALLAHAN

Colonel

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: 04/04/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1215 to 0.1228 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 13, 2020.

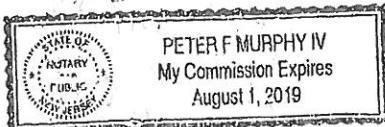
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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 April, 2018.

Notary



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