

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01427 Calib. Date: 04/21/2017 Calib. No.: 00033
Certification File No.: 01349 Cert. Date: 10/28/2016 Cert. No.: 00023
Linearity File No.: 01350 Lin. Date: 10/28/2016 Lin. No.: 00023
Solution File No.: 01420 Soln. Date: 03/31/2017 Soln. No.: 00250
Sequential File No.: 01427 File Date: 04/21/2017

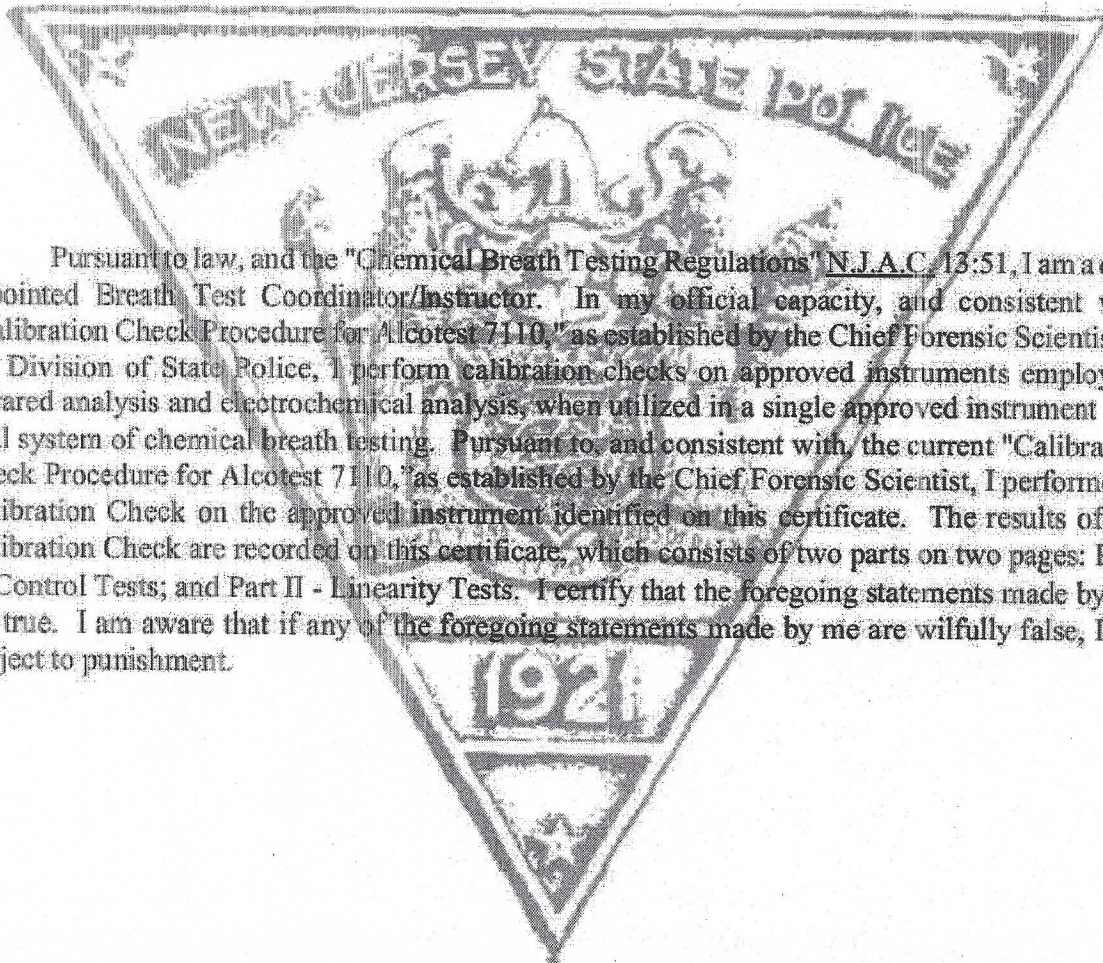
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0441
Control Solution %: 0.100% Expires: 09/07/2018
Solution Control Lot: 16220 Bottle No.: 0103

Coordinator

Last Name: ALCOTT First Name: KEVIN MI: W.
Signature: Kevin W. ALCOTT #6704 Badge No.: 6704
Date: 04/21/2017

*Black Key Temperature Probe Serial.....# ASXKP2-396 (KA)

*Digital NIST Temperature Measuring System Serial.....# 150 649 672 (KA)



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.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01427 Calib. Date: 04/21/2017 Calib. No.: 00033
Certification File No.: 01428 Cert. Date: 04/21/2017 Cert. No.: 00024
Linearity File No.: 01350 Lin. Date: 10/28/2016 Lin. No.: 00023
Solution File No.: 01420 Soln. Date: 03/31/2017 Soln. No.: 00250
Sequential File No.: 01428 File Date: 04/21/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0441
Control Solution %: 0.100% Expires: 09/07/2018
Solution Control Lot: 16220 Bottle No.: 0103

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:44D		
Control 1 EC	0.099%	08:45D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:46D		
Control 2 EC	0.098%	08:46D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:47D		
Control 3 EC	0.098%	08:48D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:49D		

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: 

Badge No.: 6704

Date: 04/21/2017

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.:** ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01427 **Calib. Date:** 04/21/2017 **Calib. No.:** 00033
Certification File No.: 01428 **Cert. Date:** 04/21/2017 **Cert. No.:** 00024
Linearity File No.: 01429 **Lin. Date:** 04/21/2017 **Lin. No.:** 00024
Solution File No.: 01420 **Soln. Date:** 03/31/2017 **Soln. No.:** 00250
Sequential File No.: 01429 **File Date:** 04/21/2017

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWE S3-0206
Control Solution %: 0.040% **Expires:** 09/19/2018
Solution Control Lot: 16230 **Bottle No.:** 0901

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWF S3-0218
Control Solution %: 0.080% **Expires:** 09/27/2018
Solution Control Lot: 16250 **Bottle No.:** 1060

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWJ S3-0334
Control Solution %: 0.160% **Expires:** 10/03/2018
Solution Control Lot: 16260 **Bottle No.:** 0591

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:05D		
Control 1 EC	0.041%	09:06D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	09:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:08D		
Control 2 EC	0.041%	09:08D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:10D		
Control 3 EC	0.081%	09:11D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	09:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:12D		
Control 4 EC	0.080%	09:13D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	09:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:15D		
Control 5 EC	0.159%	09:15D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	09:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:17D		
Control 6 EC	0.159%	09:18D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:19D		

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tr. I K W. #6704

Badge No.: 6704

Date: 04/21/2017

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWJ-0018
Location:	SEASIDE HEIGHTS POLICE	
Calibration File No.:	01427	Calib. Date: 04/21/2017
Certification File No.:	01428	Calib. No.: 00033
Linearity File No.:	01429	Cert. Date: 04/21/2017
Solution File No.:	01430	Cert. No.: 00024
Sequential File No.:	01430	Lin. Date: 04/21/2017
		Lin. No.: 00024
		Soln. Date: 04/21/2017
		Soln. No.: 00251
		File Date: 04/21/2017

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWL S3-0441
Control Solution %:	0.100%	Expires:	12/02/2018	Bottle No.:	1048
Solution Control Lot:	16390				

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:28D		
Control 1 EC	0.101%	10:28D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:29D		
Control 2 EC	0.100%	10:30D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:30D		
Control 3 EC	0.100%	10:31D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:32D		

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: AWJ PZ-064 KA

Changed By:

Last Name: ALCOTT

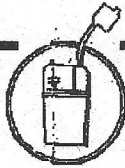
First Name: KEVIN

MI: W.

Signature: TP: I K W. G #6704

Badge No.: 6704

Date: 04/21/2017



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:

DDWFS3-0206

Certification Date

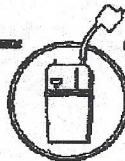
09-29-16

Technician

RAS

Re-Certification Due Date

09-29-17



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:

DDWFS3-0218

Certification Date

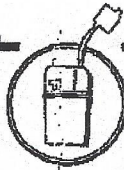
9-28-16

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)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

Other: _____

Serial Number:

DDW153-0334

Certification Date

09-27-16

Technician

[Signature]

Re-Certification Due Date

09-27-17

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

DDXKP2-396

Certification date:

9-27-16

Next Certification due:

9-27-17

Probe Value

104

Dräger Safety Diagnostics, Inc.
Technical Service Department

[Signature]



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



Cert. No.: 4000-7019762

Traceable® Certificate of Calibration for Digital Thermometer

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

Instrument Identification:

Model: 61220-601 S/N: 150649672 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15--A0P2S-20-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 8/31/15 Due Date: 8/31/17
Test Conditions: 23.0°C 47.0 %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	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.000	25.003	Y	24.950	25.050	0.014	3.6:1
°C		N.A.		50.004	50.000	Y	49.954	50.054	0.014	3.6:1
°C		N.A.		100.002	99.999	Y	99.952	100.052	0.014	3.6:1

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
Nicol Rodriguez, Quality Manager

Aaron Judice
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-01805-2008-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

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Governor

CHRISTOPHER S. PARRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. PUNTBUS
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.

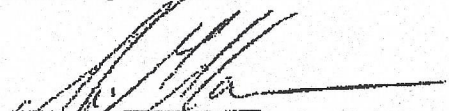
ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

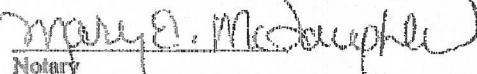
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 grams per 100 milliliters of solution.

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. 13:51-4.2, 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. Alnouis, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19th day of September, 2016.


Notary

MARY ELIZABETH MCLAUGHLIN
ID # 2052180
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Dräger Safety, Inc.

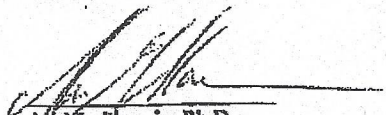
ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

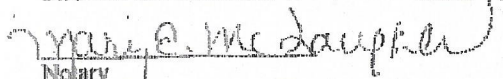
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

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.


Ali 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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Attorney General

COLONEL JOSEPH R. PUENTES
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 0.0265 to 0.0275 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.

[Handwritten signature]

Alli M. Alonzo, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

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

[Handwritten signature of Notary]

MARY ELIZABETH MCCLAUGHLIN

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



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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 0.1954 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 0.1954 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.

[Handwritten signature]

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

Sworn to and subscribed before me this 13 day of October, 2016.

Notary [Signature]
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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CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

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: 12/20/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16390

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1225 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 02, 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.

[Handwritten signature of Ali M. Alaoui]

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

Sworn to and subscribed before me this 21st day of December, 2016.

[Handwritten signature of Mary Elizabeth McLaughlin]

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



"An Internationally Accredited Agency"

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Printed on Recycled Paper and Recyclable



DEPARTMENT OF
Justice and Public Safety
 (Who is to certify that)

Kevin W. Alcott

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT SUCH TESTS AND PURSUANT TO CHAPTER 140 OF
 TITLE 17 OF 1990 TO THE EXTENT OF THE
 A BREATH TEST OPERATING INSTRUCTIONS
 IN THE UNDER MY HAND AT THE NEW JERSEY
 21st DAY OF May

THIS INSTRUMENT IS VALID FOR THE STATE OF NEW JERSEY

[Signature]
 DEPARTMENT OF
 JUSTICE AND PUBLIC SAFETY

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2008 (Rev. 08/13)

DEPARTMENT OF
Justice and Public Safety
 (Who is to certify that)

KEVIN W. ALCOTT

NEW JERSEY POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT SUCH TESTS AND PURSUANT TO CHAPTER 140 OF
 TITLE 17 OF 1990 TO THE EXTENT OF THE
 A BREATH TEST OPERATING INSTRUCTIONS
 IN THE UNDER MY HAND AT THE NEW JERSEY
 21st DAY OF APRIL

THIS INSTRUMENT IS VALID FOR THE STATE OF NEW JERSEY

[Signature]
 DEPARTMENT OF
 JUSTICE AND PUBLIC SAFETY

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
8-25-10	BCPA	R. J. [Signature]
1-12-12	PERUO (CPA)	C. J. [Signature]
1-16-14	SAYREVILLE	[Signature]
1/21/16	Lakehurst	[Signature]
5.		
6.		
7.		
8.		
9.		

S.P. 2008 (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 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:

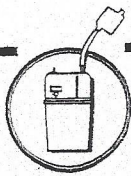
10-12-16

SERIAL NUMBER:

ARWJ-0018

Draeger Safety Diagnostics, Inc.

BC



Dräger

CERTIFICATE OF ACCURACY

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

Dräger Safety Diagnostics, Inc.

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

Serial Number:

DDWLS3-0441

Certification Date

02-28-17

Technician

72

Re-Certification Due Date

02-28-18

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

Serial Number Temp. Probe

DDWJP2-064

Certification date:

3-1-17

Next Certification due:

3-1-18

Probe Value

99

Dräger Safety Diagnostics, Inc.
Technical Service Department

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