

**NEW JERSEY STATE POLICE**  
Alcohol Drug Testing Unit

**SGT. KEVIN W. ALCOTT #6704**

Hamilton Technology Complex  
Suite #400  
1200 Negrón Drive  
Hamilton, NJ 08691

Tel#: (609) 218-3345  
Email: [Lpp6704@gw.njsp.org](mailto:Lpp6704@gw.njsp.org)

# Alcotest 7110 Calibration Record

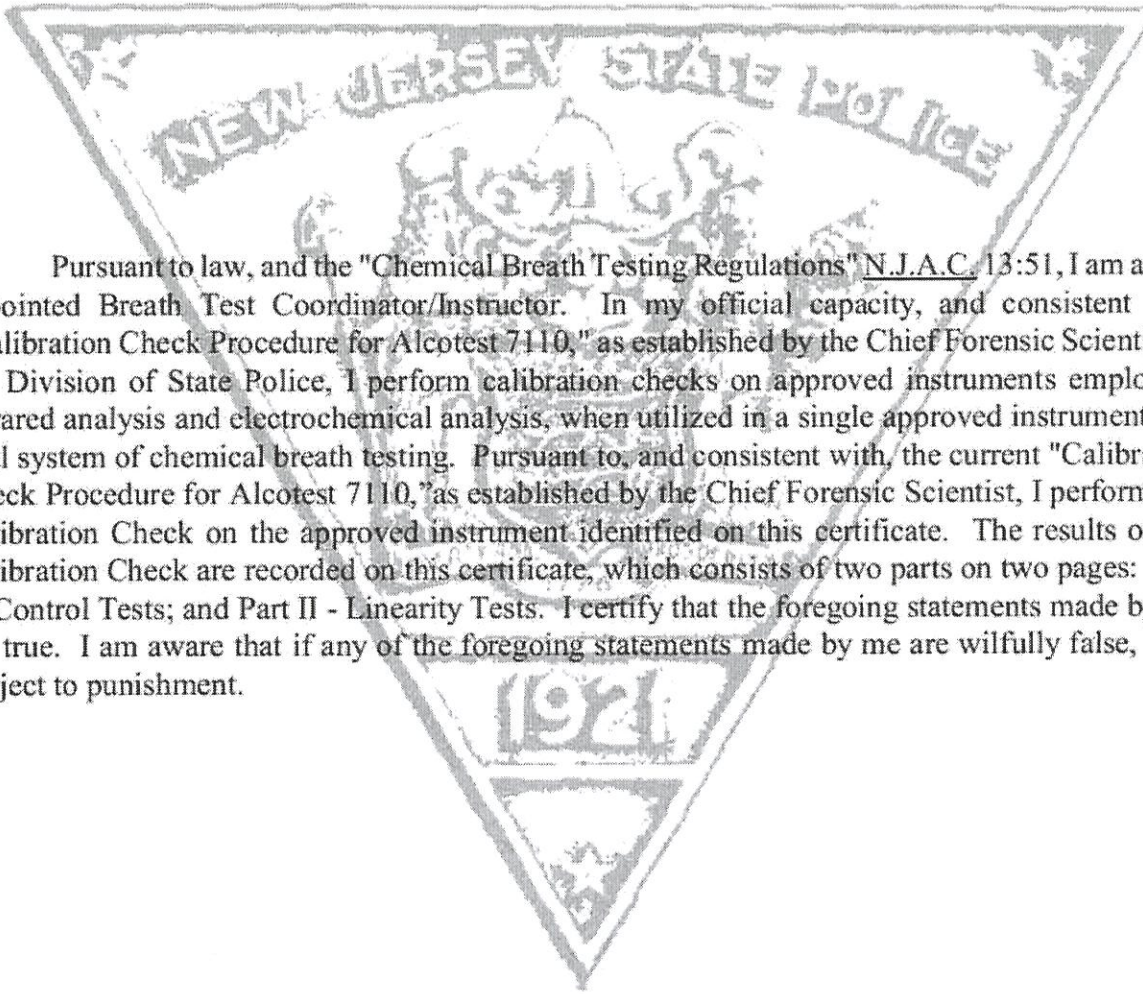
## Equipment

Alcotest 7110 MKIII-C	Serial No.: ARZL-0146
Location: WALL TOWNSHIP POLICE	
Calibration File No.: 01528	Calib. Date: 11/16/2018
Certification File No.: 01454	Calib. No.: 00030
Linearity File No.: 01455	Cert. Date: 06/15/2018
Solution File No.: 01527	Cert. No.: 00025
Sequential File No.: 01528	Lin. Date: 06/15/2018
	Lin. No.: 00025
	Soln. Date: 11/05/2018
	Soln. No.: 00286
	File Date: 11/16/2018
Calibrating Unit: WET	Model No.: CU-34
Control Solution %: 0.100%	Serial No.: DDXB S3-113
Solution Control Lot: 17230	Expires: 08/07/2019
	Bottle No.: 0023

## Coordinator

Last Name: ALCOTT First Name: KEVIN MI: W.  
Signature: Sgt. K. W. Q #6704 Badge No.: 6704  
Date: 11/16/2018

\*Black Key Temperature Probe Serial.....# ΔWA PZ - 024 (KA)  
\*Digital NIST Temperature Measuring System Serial.....# 170 428 368 (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  
Location: WALL TOWNSHIP POLICE  
Serial No.: ARZL-0146  
Calibration File No.: 01528 Calib. Date: 11/16/2018 Calib. No.: 00030  
Certification File No.: 01529 Cert. Date: 11/16/2018 Cert. No.: 00026  
Linearity File No.: 01455 Lin. Date: 06/15/2018 Lin. No.: 00025  
Solution File No.: 01527 Soln. Date: 11/05/2018 Soln. No.: 00286  
Sequential File No.: 01529 File Date: 11/16/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXB S3-113  
Control Solution %: 0.100% Expires: 08/07/2019  
Solution Control Lot: 17230 Bottle No.: 0023

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:29S		
Control 1 EC	0.098%	08:30S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	08:30S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:31S		
Control 2 EC	0.099%	08:31S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:31S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:32S		
Control 3 EC	0.097%	08:33S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:33S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:33S		

All tests within acceptable tolerance.

**Coordinator**

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Sgt. K. W. [Signature] #6704

Badge No.: 6704

Date: 11/16/2018

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARZL-0146
Location:	WALL TOWNSHIP POLICE	
Calibration File No.:	01528	Calib. Date: 11/16/2018
Certification File No.:	01529	Cert. No.: 00030
Linearity File No.:	01530	Cert. No.: 00026
Solution File No.:	01527	Lin. No.: 00026
Sequential File No.:	01530	Soln. No.: 00286
		File Date: 11/16/2018

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDAE-0017
Control Solution %:	0.040%		Expires: 08/10/2019
Solution Control Lot:	17240		Bottle No.: 1315

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDAE-0021
Control Solution %:	0.080%		Expires: 08/15/2019
Solution Control Lot:	17250		Bottle No.: 0575

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDAE-0024
Control Solution %:	0.160%		Expires: 08/21/2019
Solution Control Lot:	17260		Bottle No.: 1427

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:50S		
Control 1 EC	0.041%	08:50S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	08:50S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:52S		
Control 2 EC	0.040%	08:53S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	08:53S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:54S		
Control 3 EC	0.079%	08:55S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	08:55S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56S		
Control 4 EC	0.080%	08:57S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	08:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:58S		
Control 5 EC	0.160%	08:59S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	08:59S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:01S		
Control 6 EC	0.158%	09:01S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:01S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:03S		

All tests within acceptable tolerance.

### Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Sgt. K W. #6704

Badge No.: 6704

Date: 11/16/2018

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARZL-0146
Location:	WALL TOWNSHIP POLICE		
Calibration File No.:	01528	Calib. Date:	11/16/2018
Certification File No.:	01529	Cert. Date:	11/16/2018
Linearity File No.:	01530	Lin. Date:	11/16/2018
Solution File No.:	01531	Soln. Date:	11/16/2018
Sequential File No.:	01531	File Date:	11/16/2018
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXB S3-113
Solution Control Lot:	18150	Expires:	05/10/2020
		Bottle No.:	0384

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:12S		
Control 1 EC	0.099%	10:13S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:14S		
Control 2 EC	0.099%	10:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:15S		
Control 3 EC	0.098%	10:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16S		

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: AAWJ PZ-284 (KA)

### Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Sgt. K. W. #6704

Badge No.: 6704

Date: 11/16/2018



# 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)  
Dräger, Inc.

- ☒ Model: ALCOTEST CU34  
☐ Model: MARK IIA  
☐ Other: \_\_\_\_\_

Serial Number:

DDAE-0017

Certification Date:

7-23-18

Technician:

BS

Re-Certification Due Date:

7-23-19



# 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)  
Dräger, Inc.

- ☒ Model: ALCOTEST CU34  
☐ Model: MARK IIA  
☐ Other: \_\_\_\_\_

Serial Number:

DDAE-0021

Certification Date:

7-13-18

Technician:

BS

Re-Certification Due Date:

7-13-19

**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

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDAE-0024

Certification Date:

7-13-18

Technician:

BS

Re-Certification Due Date:

7-13-19

**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 P2-024

Certification Date:

7-12-18

Next Certification Due:

7-12-19

Probe Value:

100

Draeger, Inc.

BS



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



Cert. No.: 4000-8609168

### 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: 170428368      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: 23.5°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	0.001	Y	-0.048	0.052	0.010	>4.1
°C		N.A.		25.003	25.000	Y	24.953	25.053	0.010	>4.1
°C		N.A.		50.002	50.001	Y	49.952	50.052	0.010	>4.1
°C		N.A.		100.001	99.998	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*  
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 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

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*

KIM GUADAGNO  
*Lt. Governor*

CHRISTOPHER S. PORRINO  
*Attorney General*

COLONEL JOSEPH R. FUENTES  
*Superintendent*

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

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 08/24/2017

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 17230

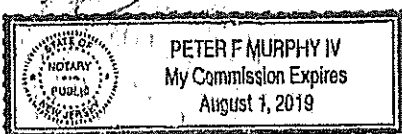
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1216 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 07, 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 24 day of August, 2017.

  
Notary

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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:** Draeger Safety, Inc.

**ANALYSIS DATE:** 08/29/2017

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 17240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0483 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 10, 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 30<sup>th</sup> day of August, 2017.

Notary

**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190

NOTARY PUBLIC

STATE OF NEW JERSEY

My Commission Expires Dec. 24, 2018



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*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.

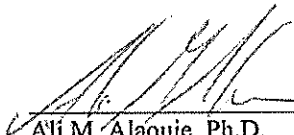
**ANALYSIS DATE:** 09/07/2017

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 17250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0963 to 0.0973 grams per 100 milliliters of solution.

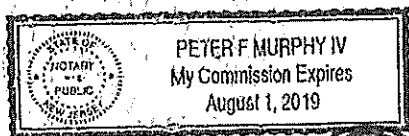
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 15, 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 11 day of September, 2017.

  
Notary



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*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:** Dräger Safety, Inc.

**ANALYSIS DATE:** 09/12/2017

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 17260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1937 to 0.1957 grams per 100 milliliters of solution.

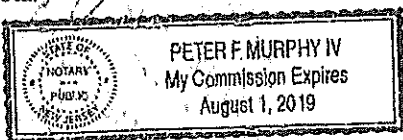
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 21, 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 13 day of September, 2017.

Notary



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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: 05/24/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18150

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1239 grams per 100 milliliters of solution.

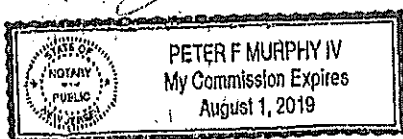
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is May 10, 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 29<sup>th</sup> day of May, 2018.

Notary



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Printed on Recycled Paper and Recyclable



DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

**Kevin W. Alcott**

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN BREATH TESTS PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1966 IN THE OPERATION OF THE  
A METHOD TO DETERMINE INTOXICATION  
BEYOND UNDER MY HAND AT TRENTON, NEW JERSEY, ON 21st DAY OF May

TWO THOUSAND AND Fifteen

*[Signature]*  
SUPPORTING OFFICER  
NEW JERSEY STATE POLICE

*[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. 293B (Rev. 08/13)

DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

**KEVIN W. ALCOTT**

NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN BREATH TESTS PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1966 IN THE OPERATION OF THE  
A METHOD TO DETERMINE INTOXICATION  
BEYOND UNDER MY HAND AT TRENTON, NEW JERSEY, ON 18th DAY OF APRIL

TWO THOUSAND AND EIGHT

*[Signature]*  
SUPPORTING OFFICER  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>8-25-10</u>	<u>BCPA</u>	<u>R. Tow</u>
2. <u>1-12-12</u>	<u>BEWEN COPA</u>	<u>C.P.</u>
3. <u>1-16-14</u>	<u>SAYREVILLE</u>	<u>R. Tow</u>
4. <u>1/21/16</u>	<u>Lakehurst</u>	<u>Adam Standley</u>
5. <u>1/16/18</u>	<u>LAKEHURST</u>	<u>Adam Standley</u>
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

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



**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:

9-2-16

SERIAL NUMBER:

ARZL-0146

Draeger Safety Diagnostics, Inc.

BC

  
**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

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDXB53-113

Certification Date:

9-28-18

Technician:

BS

Re-Certification Due Date:

9-29-19

  
**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:

DDWJ P2-284

Certification Date:

9-28-18

Next Certification Due:

9-28-19

Probe Value:

101

Draeger, Inc.

BS