

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C	Serial No.: ARXA-0037
Location: WALL TOWNSHIP POLICE	
Calibration File No.: 01746	Calib. Date: 12/26/2017
Certification File No.: 01679	Calib. No.: 00034
Linearity File No.: 01680	Cert. Date: 07/21/2017
Solution File No.: 01745	Cert. No.: 00024
Sequential File No.: 01746	Lin. Date: 07/21/2017
	Lin. No.: 00024
	Soln. Date: 12/25/2017
	Soln. No.: 00309
	File Date: 12/26/2017

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXB S3-113
Control Solution %: 0.100%		Expires: 10/10/2018
Solution Control Lot: 16270		Bottle No.: 0935

## Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

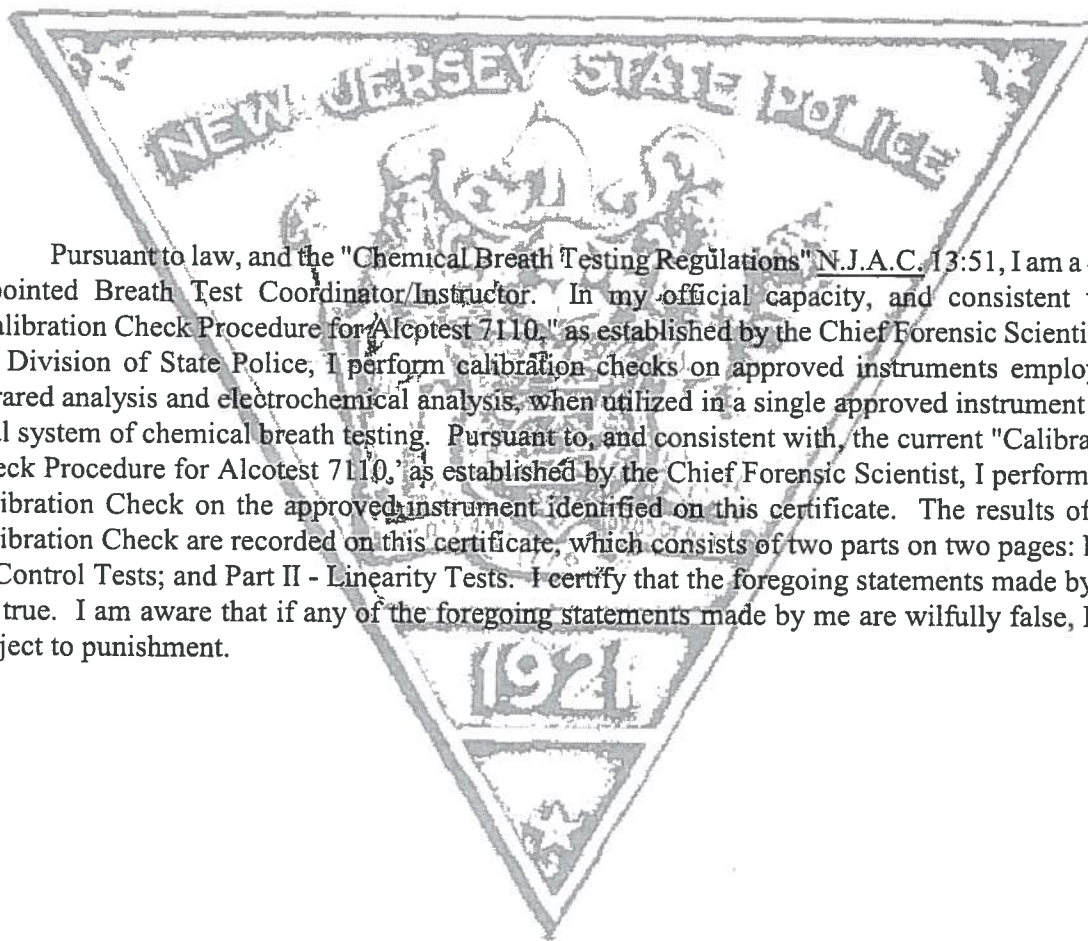
Signature: Tpa D. Kl #7040

Badge No.: 7040

Date: 12/26/2017

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

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



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.: ARXA-0037  
Calibration File No.: 01746  
Calib. Date: 12/26/2017  
Calib. No.: 00034  
Certification File No.: 01747  
Cert. Date: 12/26/2017  
Cert. No.: 00025  
Linearity File No.: 01680  
Lin. Date: 07/21/2017  
Lin. No.: 00024  
Solution File No.: 01745  
Soln. Date: 12/25/2017  
Soln. No.: 00309  
Sequential File No.: 01747  
File Date: 12/26/2017

Calibrating Unit: WET  
Model No.: CU-34  
Serial No.: DDXB S3-113  
Control Solution %: 0.100%  
Expires: 10/10/2018  
Solution Control Lot: 16270  
Bottle No.: 0935

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:37S		
Control 1 EC	0.100%	08:37S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:37S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:38S		
Control 2 EC	0.099%	08:39S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:39S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:40S		
Control 3 EC	0.099%	08:40S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:40S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:41S		

All tests within acceptable tolerance.

### Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: Tpn # D. KL

Badge No.: 7040

Date: 12/26/2017

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  
Location: WALL TOWNSHIP POLICE  
Serial No.: ARXA-0037  
Calibration File No.: 01746 Calib. Date: 12/26/2017 Calib. No.: 00034  
Certification File No.: 01747 Cert. Date: 12/26/2017 Cert. No.: 00025  
Linearity File No.: 01748 Lin. Date: 12/26/2017 Lin. No.: 00025  
Solution File No.: 01745 Soln. Date: 12/25/2017 Soln. No.: 00309  
Sequential File No.: 01748 File Date: 12/26/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0005  
Control Solution %: 0.040% Expires: 09/19/2018  
Solution Control Lot: 16230 Bottle No.: 0713

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0009  
Control Solution %: 0.080% Expires: 09/27/2018  
Solution Control Lot: 16250 Bottle No.: 0275

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCN-0054  
Control Solution %: 0.160% Expires: 10/03/2018  
Solution Control Lot: 16260 Bottle No.: 0101

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:48S		
Control 1 EC	0.042%	08:48S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.041%	08:48S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:50S		
Control 2 EC	0.040%	08:50S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	08:50S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:52S		
Control 3 EC	0.081%	08:52S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	08:52S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:54S		
Control 4 EC	0.081%	08:55S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.081%	08:55S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56S		
Control 5 EC	0.162%	08:57S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.160%	08:57S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:58S		
Control 6 EC	0.156%	08:59S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.161%	08:59S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:00S		

All tests within acceptable tolerance.

### Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: Ten II D. Klimik #7048

Badge No.: 7040

Date: 12/26/2017

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARXA-0037  
**Location:** WALL TOWNSHIP POLICE  
**Calibration File No.:** 01746 **Calib. Date:** 12/26/2017 **Calib. No.:** 00034  
**Certification File No.:** 01747 **Cert. Date:** 12/26/2017 **Cert. No.:** 00025  
**Linearity File No.:** 01748 **Lin. Date:** 12/26/2017 **Lin. No.:** 00025  
**Solution File No.:** 01749 **Soln. Date:** 12/26/2017 **Soln. No.:** 00310  
**Sequential File No.:** 01749 **File Date:** 12/26/2017

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDXB S3-113  
**Control Solution %:** 0.100% **Expires:** 09/14/2019  
**Solution Control Lot:** 17290 **Bottle No.:** 0313

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:07S		
Control 1 EC	0.101%	10:08S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:08S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:09S		
Control 2 EC	0.100%	10:09S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:09S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:10S		
Control 3 EC	0.098%	10:11S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:11S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:12S		

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: DDWJ P2- 284 OK

### Changed By:

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature: Tp n II D. KL 7040

Badge No.: 7040

Date: 12/26/2017

**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:

DDRKS3-0005

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

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDRES3-0009

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)  
Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDCN-0054

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

Dräger, 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: 23.5°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	0.000	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*  
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

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: 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. Alaoui, 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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Attorney General

COLONEL JOSEPH R. PUNTERO  
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.

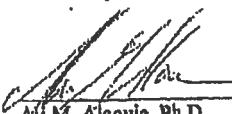
ANALYSIS DATE: 09/27/2016

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

Sworn to and subscribed before me this 28<sup>th</sup> 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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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.

All M. Alacule, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5<sup>th</sup> day of October, 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2062180  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2018



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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: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 3, 2018.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Ali M. Alaouia, 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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*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:** 09/21/2017

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 17290

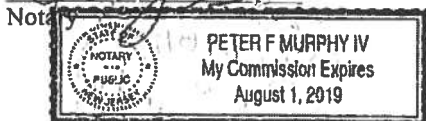
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1220 grams per 100 milliliters of solution.

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 22<sup>nd</sup> day of September, 2017.



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

**David W. Klimik**  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH TESTS IN ACCORDANCE WITH CHAPTER 10 OF  
THE LAWS OF THE STATE OF NEW JERSEY PURSUANT TO CHAPTER 10 OF  
A METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 15th DAY OF July  
TWO THOUSAND AND Fifteen

*[Signature]*  
TRENCE M. HUGHES  
NEW JERSEY STATE POLICE

*[Signature]*  
ACTING ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1-19-17	LAKEHURST	Wm. Loos
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2838 (Rev. 08/13)

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

**David W. Klimik**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH TESTS IN ACCORDANCE WITH CHAPTER 10 OF  
THE LAWS OF THE STATE OF NEW JERSEY PURSUANT TO CHAPTER 10 OF  
A METHOD TO DETERMINE INTOXICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this 15th DAY OF June  
TWO THOUSAND AND Fifteen

*[Signature]*  
TRENCE M. HUGHES  
NEW JERSEY STATE POLICE

*[Signature]*  
ACTING ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

DATE	Refresher Course PLACE	INSTRUCTOR
1. 01/23/2015	Ocean Co. P.A.	Stanks
2. 1-19-17	LAKEHURST	Wm. Loos
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2838 (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 48884 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:

9-1-16

SERIAL NUMBER:

ARXA-0037

Dräger 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)

Dräger, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ Other: \_\_\_\_\_

Serial Number:

DDXB53-113

Certification Date:

10-5-17

Technician:

BC

Re-Certification Due Date:

10-5-18

**Dräger**

**Alcotest 7110 Temperature Probe**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:

DDWSP2-284

Certification Date:

10-5-17

Next Certification Due:

10-5-18

Probe Value:

100

Dräger, Inc.

BC