

# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: MARLBORO TWP. POLICE  
Serial No.: ARXA-0069  
Calibration File No.: 00657 Calib. Date: 02/02/2017 Calib. No.: 00034  
Certification File No.: 00634 Cert. Date: 09/22/2016 Cert. No.: 00024  
Linearity File No.: 00635 Lin. Date: 09/22/2016 Lin. No.: 00028  
Solution File No.: 00656 Soln. Date: 01/23/2017 Soln. No.: 00152  
Sequential File No.: 00657 File Date: 02/02/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0162  
Control Solution %: 0.100% Expires: 09/07/2018  
Solution Control Lot: 16220 Bottle No.: 1279

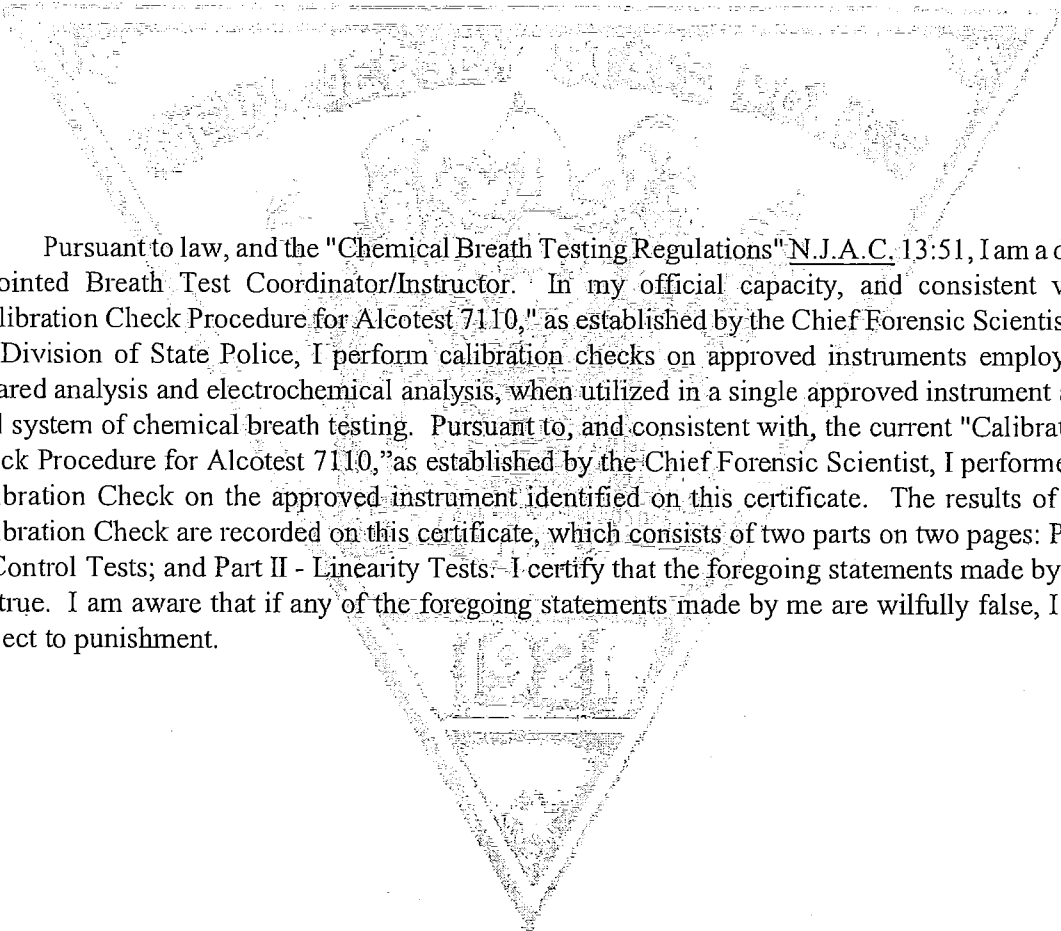
## Coordinator

Last Name: KLIMIK First Name: DAVID MI: W  
Signature: David Klimik #7040 Badge No.: 7040  
Date: 02/02/2017

\*Black Key Temperature Probe Serial.....# DDUJ92-003 (DK)

\*Digital NIST Temperature Measuring System Serial.....# 150649679 (DK)

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.: ARXA-0069  
Location: MARLBORO TWP. POLICE  
Calibration File No.: 00657 Calib. Date: 02/02/2017 Calib. No.: 00034  
Certification File No.: 00658 Cert. Date: 02/02/2017 Cert. No.: 00025  
Linearity File No.: 00635 Lin. Date: 09/22/2016 Lin. No.: 00028  
Solution File No.: 00656 Soln. Date: 01/23/2017 Soln. No.: 00152  
Sequential File No.: 00658 File Date: 02/02/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0162  
Control Solution %: 0.100% Expires: 09/07/2018  
Solution Control Lot: 16220 Bottle No.: 1279

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:29S		
Control 1 EC	0.100%	09:30S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:30S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:31S		
Control 2 EC	0.099%	09:31S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:31S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:32S		
Control 3 EC	0.100%	09:33S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34S		

All tests within acceptable tolerance.

### Coordinator

Last Name: KLIMIK

First Name: DAVID

MI: W

Badge No.: 7040

Signature: *David D. Klimik* 5-7040

Date: 02/02/2017

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE		
Calibration File No.:	00657	Calib. Date:	02/02/2017
Certification File No.:	00658	Cert. Date:	02/02/2017
Linearity File No.:	00659	Lin. Date:	02/02/2017
Solution File No.:	00656	Soln. Date:	01/23/2017
Sequential File No.:	00659	File Date:	02/02/2017
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.:	0653
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.:	0916
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.:	0062

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:41S		
Control 1 EC	0.042%	09:42S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:43S		
Control 2 EC	0.042%	09:44S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:44S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:45S		
Control 3 EC	0.084%	09:46S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.082%	09:46S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:47S		
Control 4 EC	0.083%	09:48S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	09:48S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:49S		
Control 5 EC	0.163%	09:50S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.163%	09:50S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:51S		
Control 6 EC	0.164%	09:52S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	09:52S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:54S		

All tests within acceptable tolerance.

**Coordinator**

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature:  # 7040

Badge No.: 7040

Date: 02/02/2017

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXA-0069
Location:	MARLBORO TWP. POLICE		
Calibration File No.:	00657	Calib. Date:	02/02/2017
Certification File No.:	00658	Cert. No.:	00034
Linearity File No.:	00659	Cert. Date:	02/02/2017
Solution File No.:	00660	Lin. No.:	00029
Sequential File No.:	00660	Soln. Date:	02/02/2017
		Soln. No.:	00153
		File Date:	02/02/2017
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXC S3-0162
Solution Control Lot:	16330	Expires:	10/28/2018
		Bottle No.:	0395

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:00S		
Control 1 EC	0.102%	11:01S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	11:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02S		
Control 2 EC	0.101%	11:02S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:03S		
Control 3 EC	0.101%	11:04S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	11:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:05S		

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: DDUJP2-066 (PK)

**Changed By:**

Last Name: KLIMIK

First Name: DAVID

MI: W

Signature:  #7040

Badge No.: 7040

Date: 02/02/2017



**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:

DDRK 53-0005

Certification Date

8-17-16

Technician

BC

Re-Certification Due Date

8-17-17



**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:

DDRF 53-0007

Certification Date

8-17-16

Technician

BC

Re-Certification Due Date

8-17-17



**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:

DDCN - 0054

Certification Date

8-10-16

Technician

BC

Re-Certification Due Date

8-10-17

# 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

DDUSP2-003

Certification date:

8-8-16

Next Certification due:

8-8-17

Probe Value

98

Dräger Safety Diagnostics, Inc.  
Technical Service Department

BC



Calibration  
Certificate No. 1760.01

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



Cert. No.: 4000-7019769

**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: 150649679      Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01376		
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	0.001	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	99.998	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= $\pm(\text{Max-Min})/2$ ; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Justice*  
Aaron Justice, 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. 1760.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. OERT-01805-2008-AQ-HOU-RVA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
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DIVISION OF STATE POLICE  
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Governor

CHRISTOPHER S. PORRINO  
Attorney General

KIM GUADAGNO  
Lt. Governor

COLONEL JOSEPH J. PUNZOS  
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: Diagen 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. 17:51-4.3, of approved breath test instruments (N.J.A.C. 17:51-3.5) 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.

ALBERT ALJANTS, 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 # 2082190  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires Dec. 24, 2016



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State of New Jersey

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Governor

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Lt. Governor

CHRISTOPHER S. PARRINO
Attorney General

COLONEL JOSEPH R. FUINCHI
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. 17:27-4.3, of approved breath test instruments (N.J.A.C. 17:27-2.5) 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.

[Signature]
All M. Alroufy Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27th day of September, 2016.

[Signature]
Notary:
MARY ELIZABETH MCLAUGHLIN
ID # 2052100
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018.



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State of New Jersey

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Lt. Governor

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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 0.0999 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/04/2016

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 0.0965 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. 13:51-4.3) 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 by 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.

Catharine Alonzo, 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, 2019



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Lt. Governor

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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: Draeger Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 17:27-4.3, of approved breath test instruments (N.J.A.C. 17:27-3.5) 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. Alaoui, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

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

Notary  
**JOHN H LEAVER**  
ID: # 2207138  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
My Commission Expires: Dec. 14, 2017



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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: 11/16/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16330

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 0.1207 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 28, 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.

[Signature]
Ali M. Alaouie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 17th day of November, 2016.

[Signature]
Notary

MARY ELIZABETH MCLAUGHLIN

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



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ORIGINAL COURSE DATES

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

S.P. 2030 (Rev. 04/13)

DEPARTMENT OF  
**Traffic and Public Safety**  
 Office is at 100 State Street  
 Trenton, NJ 08646  
 David W. Kimark  
 Breath Test Coordinator/Instructor  
 IS QUALIFIED AND COMPETENT TO TEST AND OPERATE AND ADHERE TO CHAPTER 16 OF  
 THE LAWS OF NEW JERSEY RELATION TO THE  
 A MEMBER OF THE NEW JERSEY BREATH TEST INSTRUCTORS ASSOCIATION  
 BY THE BOARD OF BREATH TEST INSTRUCTORS AND THE BOARD OF BREATH TEST INSTRUCTORS  
 DATE: July  
 FIFTEEN  
 SUPERVISOR  
 ATTORNEY GENERAL  
 NEW JERSEY STATE POLICE

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

DATE	Refresher Course PLACE	INSTRUCTOR
01/23/2013	Ocean Co. P.A.	Stanley
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2030 (Rev. 04/13)

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 BY THE BOARD OF BREATH TEST INSTRUCTORS AND THE BOARD OF BREATH TEST INSTRUCTORS  
 DATE: June  
 FIFTEEN  
 SUPERVISOR  
 ATTORNEY GENERAL  
 NEW JERSEY STATE POLICE

**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:

9-21-15

SERIAL NUMBER:

ARXA-0069

Dräger 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)

**Draeger Safety Diagnostics, Inc.**

Model: ALCOTEST® CU34

Model: MARK IIA

Other: \_\_\_\_\_

Serial Number:

DDXCS3-0162

Certification Date

8-10-16

Technician

BC

Re-Certification Due Date

8-10-17

# 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

DDUS P2-066

Certification date:

8-8-16

Next Certification due:

8-8-17

Probe Value

101

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

BC