

# Alcotest 7110 Calibration Record

**Equipment**

Alcotest 7110 MKIII-C  
Location: GLEN ROCK POLICE  
Serial No.: ARXD-0001  
Calibration File No.: 00628  
Calib. Date: 10/17/2017  
Calib. No.: 00031  
Certification File No.: 00626  
Cert. Date: 10/16/2017  
Cert. No.: 00024  
Linearity File No.: 00627  
Lin. Date: 10/16/2017  
Lin. No.: 00024  
Solution File No.: 00624  
Soln. Date: 09/21/2017  
Soln. No.: 00140  
Sequential File No.: 00628  
File Date: 10/17/2017

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 16270  
Model No.: CU-34  
Serial No.: DDZJ-0090  
Expires: 10/10/2018  
Bottle No.: 0941

**Coordinator**

Last Name: KOZIEL

First Name: BARTLOMIEJ

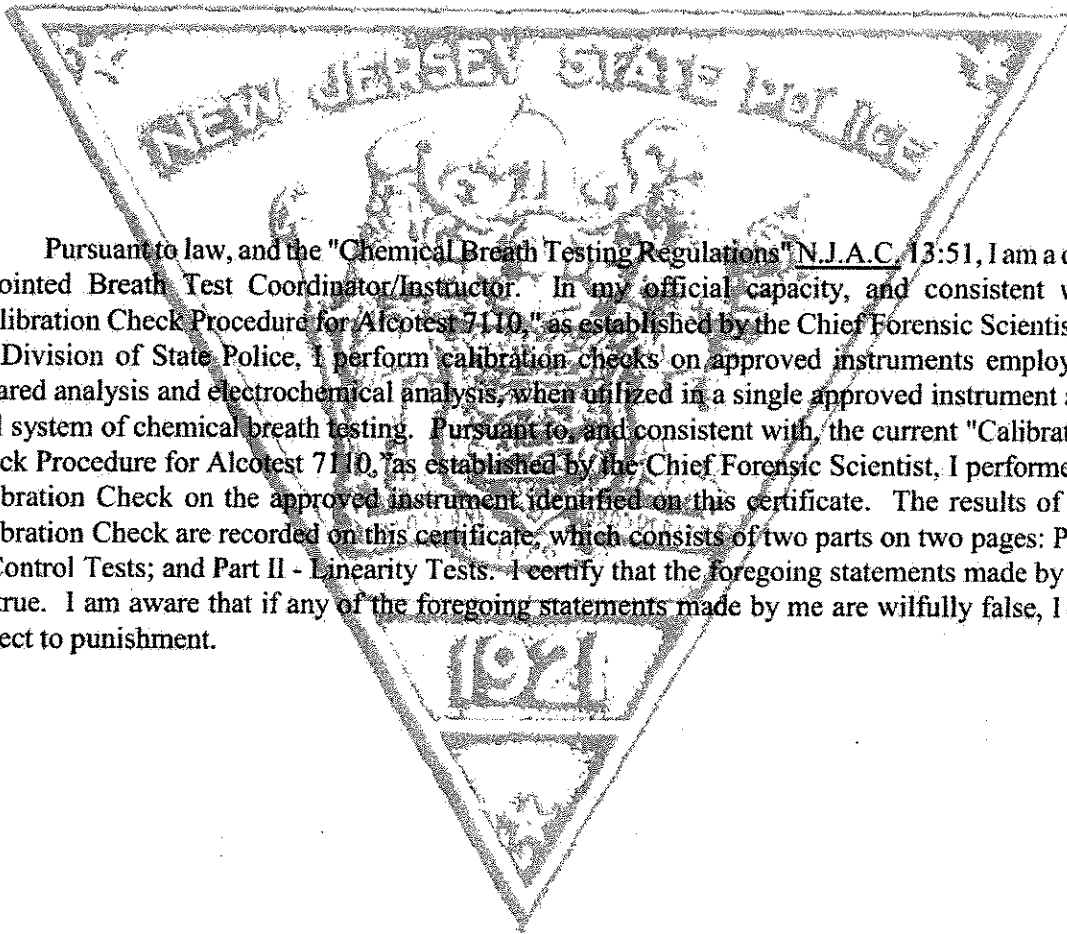
MI:

Signature: \_\_\_\_\_

 # 7041

Badge No.: 7041

Date: 10/17/2017

\*Black Key Temperature Probe Serial.....# DDUJ P2-003 (BK)\*Digital NIST Temperature Measuring System Serial.....# 170297888 (BK)

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARXD-0001
Location:	GLEN ROCK POLICE		
Calibration File No.:	00628	Calib. Date:	10/17/2017
Certification File No.:	00629	Calib. No.:	00031
Linearity File No.:	00627	Cert. Date:	10/17/2017
Solution File No.:	00624	Lin. Date:	10/16/2017
Sequential File No.:	00629	Lin. No.:	00024
		Soln. Date:	09/21/2017
		Soln. No.:	00140
		File Date:	10/17/2017
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDZJ-0090
Solution Control Lot:	16270	Expires:	10/10/2018
		Bottle No.:	0941

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:16D		
Control 1 EC	0.099%	13:17D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17D		
Control 2 EC	0.099%	13:18D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:19D		
Control 3 EC	0.098%	13:19D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:20D		

All tests within acceptable tolerance.

### Coordinator

Last Name: KOZIEL

First Name: BARTŁOMIEJ

MI:

Signature: \_\_\_\_\_

*T. P. B. Koziel # 7041*

Badge No.: 7041

Date: 10/17/2017

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.: ARXD-0001  
Location: GLEN ROCK POLICE  
Calibration File No.: 00628 Calib. Date: 10/17/2017 Calib. No.: 00031  
Certification File No.: 00629 Cert. Date: 10/17/2017 Cert. No.: 00025  
Linearity File No.: 00630 Lin. Date: 10/17/2017 Lin. No.: 00025  
Solution File No.: 00624 Soln. Date: 09/21/2017 Soln. No.: 00140  
Sequential File No.: 00630 File Date: 10/17/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0196  
Control Solution %: 0.040% Expires: 09/19/2018  
Solution Control Lot: 16230 Bottle No.: 0190

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0205  
Control Solution %: 0.080% Expires: 09/27/2018  
Solution Control Lot: 16250 Bottle No.: 0598

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0011  
Control Solution %: 0.160% Expires: 10/03/2018  
Solution Control Lot: 16260 Bottle No.: 1207

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:30D		
Control 1 EC	0.042%	13:31D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:31D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32D		
Control 2 EC	0.041%	13:33D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 3 EC	0.083%	13:35D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	13:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		
Control 4 EC	0.081%	13:37D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:37D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39D		
Control 5 EC	0.162%	13:39D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	13:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:41D		
Control 6 EC	0.161%	13:41D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:43D		

All tests within acceptable tolerance.

### Coordinator

Last Name: KOZIEL

First Name: BARTLOMIEJ

MI:

Signature: \_\_\_\_\_

*T. II B. Koziel # 7041*

Badge No.: 7041

Date: 10/17/2017

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARXD-0001
Location:	GLEN ROCK POLICE	
Calibration File No.:	00628	Calib. Date: 10/17/2017
Certification File No.:	00629	Calib. No.: 00031
Linearity File No.:	00630	Cert. Date: 10/17/2017
Solution File No.:	00631	Cert. No.: 00025
Sequential File No.:	00631	Lin. Date: 10/17/2017
		Lin. No.: 00025
		Soln. Date: 10/17/2017
		Soln. No.: 00141
		File Date: 10/17/2017
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDZJ-0090
Solution Control Lot:	17110	Expires: 03/20/2019
		Bottle No.: 0380

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:49D		
Control 1 EC	0.103%	14:49D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:50D		
Control 2 EC	0.101%	14:51D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	14:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		
Control 3 EC	0.101%	14:52D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		

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: DDUN P2-368 (BK)

**Changed By:**

Last Name: KOZIEL

First Name: BARTLOMIEJ

MI:

Signature: *T. II. B. Rozel # 7041*

Badge No.: 7041

Date: 10/17/2017

**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:

7-27-15

SERIAL NUMBER:

ARXD-0001

Dräger Safety Diagnostics, Inc.

BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-8483336

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: 170297888      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: 4/22/17      Due Date: 4/22/19  
Test Conditions: 23.9°C      61.0 %RH      1012 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.		25.000	24.999	Y	24.950	25.050	0.010	>4:1
°C		N.A.		49.998	50.000	Y	49.948	50.048	0.010	>4:1
°C		N.A.		99.998	100.003	Y	99.948	100.048	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-01805-2008-AQ-HOU-RVA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

**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:

DDWES3-0196

Certification Date:

9-26-17

Technician:

BC

Re-Certification Due Date:

9-26-18

**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:

DDWES3-0205

Certification Date:

9-26-17

Technician:

BC

Re-Certification Due Date:

9-26-18

**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:  
DDRES3-0011

Certification Date: 9-26-17 Technician: BC Re-Certification Due Date: 9-26-18

**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: DDUSP2-003 Certification Date: 9-8-17 Next Certification Due: 9-8-18

Probe Value: 98 Dräger, 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:

DDZJ-0090

Certification Date

6-12-17

Technician

72

Re-Certification Due Date

6-12-18

# 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

DDUNP2-368

Certification date:

6-12-17

Next Certification due:

6-12-18

Probe Value

102

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

72



State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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(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.

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

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

[Signature]
Notary
JOHN R LEAVER
ID # 2207138
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017



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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

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

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 19, 2018.

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

[Handwritten signature of Ali M. Alaouic]

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

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

[Handwritten signature of Mary Elizabeth McLaughlin]

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



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COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 27, 2018.

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

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

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

[Signature]
Notary

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



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CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 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. 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 of Ali M. Alaoui]

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

Sworn to and subscribed before me this 17 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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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: 03/29/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17110

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 0.1231 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 20, 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 30th day of March, 2017.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

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



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

**Bartlomiej P. Koziel**  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 1421A  
 OF THE LAWS OF 1966 IN THE OPERATION OF THE Aicotech 7110 MKIII-C

A METHOD TO DETERMINE IN DRUG TESTING  
 GIVEN UNDER MY HAND AT THE CITY OF NEW JERSEY DATE 28th DAY OF July

TO THE SHERIFF AND  
  
 SUPERINTENDENT  
 NEW JERSEY STATE POLICE

  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>7-15-13</u>	<u>M.C.P.A.</u>	<u>R. P.</u>
2. <u>9-16-15</u>	<u>BERLEN C.P.A.</u>	<u>[Signature]</u>
3. <u>9-12-17</u>	<u>BERLEN C.P.A.</u>	<u>[Signature]</u>
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 2038 (Rev. 03/10)

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

**Bartłomiej Koziel**  
**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 147 OF  
 THE LAWS OF 1946 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C**  
 A METHOD TO DETERMINE INTOXICATION  
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS **16th** DAY OF **December**

TWO THOUSAND AND **Sixteen**

*[Signature]*  
 SUPERINTENDENT  
 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. 2888 (Rev. 07/16)