

# ALCOTEST CHECKLIST

Municipality: FLORENCE TWP. Alcotest Ser.#: ARTN-0053

County: BURLINGTON Date of Calibration: 07-28-2016

- 1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.
- 2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.  
Ser. #: DDUM 53-0222
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWJ P2-293
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 150 649 677
- 5.
  - A. Alcotest 7110 Calibration Record
  - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
  - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
  - D. **Alcotest Card** of operator/coordinator who performed tests.
  - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDHH P2-055
- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>15</u>	<u>H</u>	<u>141</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>15</u>	<u>H</u>	<u>142</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>15</u>	<u>H</u>	<u>143</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>15</u>	<u>H</u>	<u>144</u>
- 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
  - A. 0.04% used in Calibration/Linearity Testing. DDMK 53-0003
  - B. 0.08% used in Calibration/Linearity Testing. DDXD 53-0193
  - C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
  - D. 0.16% used in Calibration/Linearity Testing. DDCN-0052
- 8.
  - A. New Standard Solution Report following Calibration.
  - B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
  - C. Certificate of Analysis 0.10% solution for same.  
Lot #: 201603 L
  - D. Alcotest card of operator/coordinator who completed change.

07-29-2016



**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:

SERIAL NUMBER:

3/21/2011

ARTN-0053

Draeger Safety Diagnostics, Inc.

  
\_\_\_\_\_



**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:

DDUM53-0222

Certification Date

Technician

Re-Certification Due Date

1-20-16

BC

1-20-17

# 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

Certification date:

Next Certification due:

DDW1 Pa-293

1-20-16

1-20-17

Probe Value

104

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

BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-7019767

**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: 150649677 Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15-A0P2S-20-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	S202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	S257	11/19/16	6-CV9Y0-1-1

**Certificate Information:**

Technician: 68 Procedure: CAL-06 Cal Date: 8/31/15 Due Date: 8/31/17  
Test Conditions: 23.0°C 47.0 %RH 1017 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.000	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.000	25.001	Y	24.950	25.050	0.014	3.6:1
°C		N.A.		50.004	50.000	Y	49.954	50.054	0.014	3.6:1
°C		N.A.		100.002	99.999	Y	99.952	100.052	0.014	3.6:1

This instrument was calibrated using instruments traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Aaron Judice*  
Aaron Judice, Technical Manager

**Maintaining Accuracy:**

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

**Recalibration:**

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2008-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

# Alcotest 7110 Calibration Record

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
<b>Location:</b>	FLORENCE TOWNSHIP P.D.	<b>Calib. No.:</b>	00029
<b>Calibration File No.:</b>	00866	<b>Cert. Date:</b>	03/08/2016
<b>Certification File No.:</b>	00846	<b>Lin. Date:</b>	03/08/2016
<b>Linearity File No.:</b>	00847	<b>Soln. Date:</b>	07/15/2016
<b>Solution File No.:</b>	00863	<b>File Date:</b>	07/28/2016
<b>Sequential File No.:</b>	00866		
<b>Calibrating Unit:</b>	WET	<b>Model No.:</b>	CU-34
<b>Control Solution %:</b>	0.100%	<b>Serial No.:</b>	DDUM S3-0222
<b>Solution Control Lot:</b>	15H143	<b>Expires:</b>	08/17/2017
		<b>Bottle No.:</b>	1290

## Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

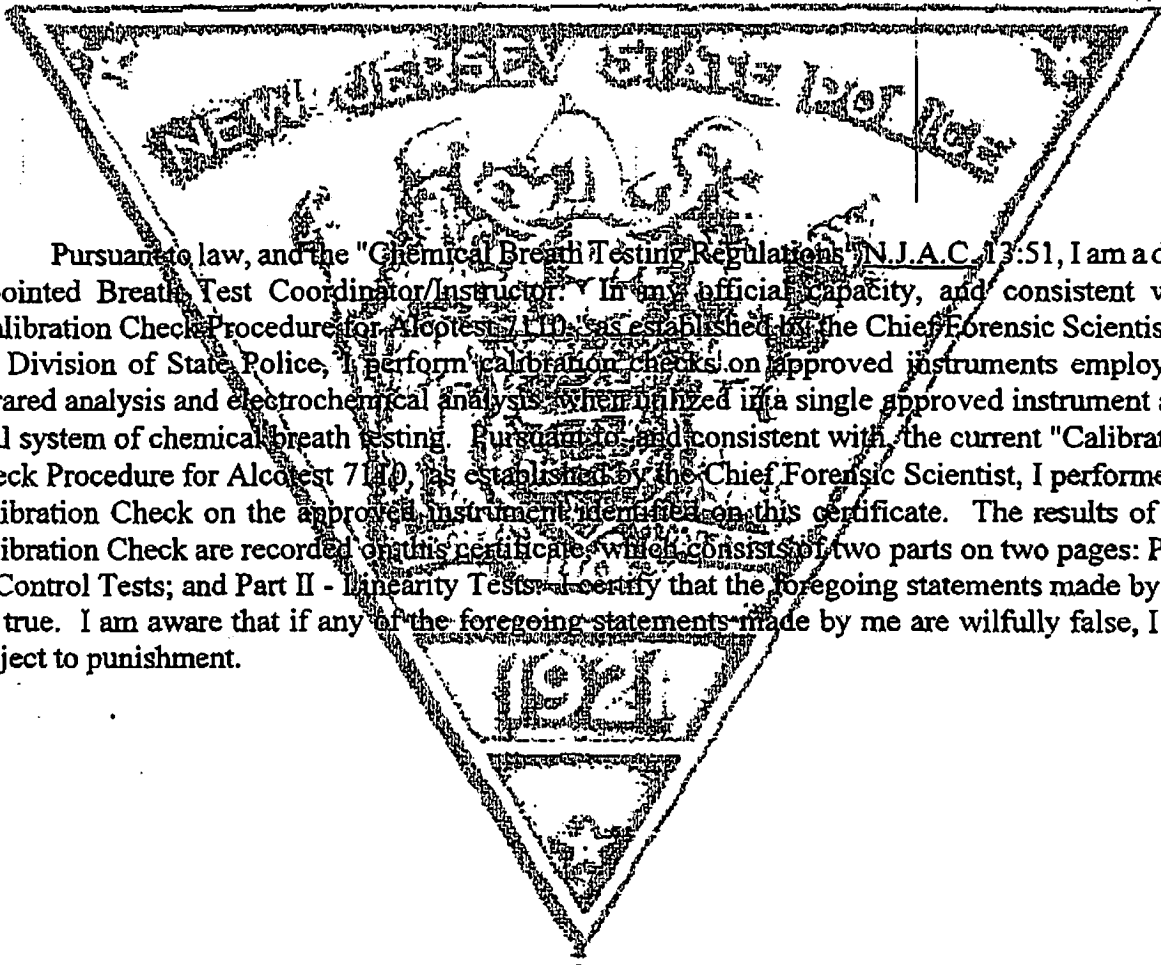
Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 07/28/2016

\*Black Key Temperature Probe Serial.....# DDHHP2-055 (MA)

\*Digital NIST Temperature Measuring System Serial.....# 150649677 (MA)



Pursuant to law, and the "Chemical Breath Testing Regulations," N.J.A.C. 17:27, 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.: ARTN-0053  
**Location:** FLORENCE TOWNSHIP P.D.  
**Calibration File No.:** 00866 **Calib. Date:** 07/28/2016 **Calib. No.:** 00029  
**Certification File No.:** 00867 **Cert. Date:** 07/28/2016 **Cert. No.:** 00022  
**Linearity File No.:** 00847 **Lin. Date:** 03/08/2016 **Lin. No.:** 00021  
**Solution File No.:** 00863 **Soln. Date:** 07/15/2016 **Soln. No.:** 00184  
**Sequential File No.:** 00867 **File Date:** 07/28/2016

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDUM S3-0222  
**Control Solution %:** 0.100% **Expires:** 08/17/2017  
**Solution Control Lot:** 15H143 **Bottle No.:** 1290

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:41D		
Control 1 EC	0.100%	10:41D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:42D		
Control 2 EC	0.099%	10:43D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:43D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43D		
Control 3 EC	0.099%	10:44D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:44D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: *Sgt Michelle Goncalves*

Badge No.: 6040

Date: 07/28/2016

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Inspector. In the 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 which are 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.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	00866	Calib. No.: 00029
Certification File No.:	00867	Cert. No.: 00022
Linearity File No.:	00868	Lin. No.: 00022
Solution File No.:	00863	Soln. No.: 00184
Sequential File No.:	00868	File Date: 07/28/2016
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDMK S3-0003
Solution Control Lot:	15H141	Expires: 08/11/2017
		Bottle No.: 0589
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDXD S3-0193
Solution Control Lot:	15H142	Expires: 08/13/2017
		Bottle No.: 0850
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDCN-0052
Solution Control Lot:	15H144	Expires: 08/19/2017
		Bottle No.: 1255

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:56D		
Control 1 EC	0.040%	10:57D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	10:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:58D		
Control 2 EC	0.040%	10:59D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	10:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:00D		
Control 3 EC	0.080%	11:01D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	11:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02D		
Control 4 EC	0.080%	11:03D	34.1°C	*** TEST PASSED ***
Control 4 IR	0.079%	11:03D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:04D		
Control 5 EC	0.157%	11:05D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	11:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:06D		
Control 6 EC	0.157%	11:07D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	11:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:08D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: *Sgt. Michelle Goncalves #6040*

Badge No.: 6040

Date: 07/28/2016

DEPARTMENT OF  
**Traffic and Public Safety**  
Office of the Secretary of State

Michelle J. Gonçalves  
New Jersey State Police

QUALIFIED AND COMPLETED TO COMPLETE COURSE AND IS ELIGIBLE TO GRANT A CERTIFICATE OF MERIT IN CONNECTION WITH THE COURSE. THE COURSE WAS TAUGHT BY AN INSTRUCTOR WHO IS A MEMBER OF THE BOARD OF INSTRUCTORS OF THE NEW JERSEY STATE POLICE. COURSE NUMBER: 7110 MKII-C

THE COURSE WAS COMPLETED ON 15th DAY OF December

*[Signature]*  
SUPERVISOR  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-8-13	GCPA	Jim Lewis
2. 9/17/15	GCPA	Chris Steiner
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2538 (Rev. 03/10)

DEPARTMENT OF  
**Traffic and Public Safety**  
Office of the Secretary of State

Michelle J. Gonçalves  
New Jersey State Police

QUALIFIED AND COMPLETED TO COMPLETE COURSE AND IS ELIGIBLE TO GRANT A CERTIFICATE OF MERIT IN CONNECTION WITH THE COURSE. THE COURSE WAS TAUGHT BY AN INSTRUCTOR WHO IS A MEMBER OF THE BOARD OF INSTRUCTORS OF THE NEW JERSEY STATE POLICE. COURSE NUMBER: 7110 MKII-C

THE COURSE WAS COMPLETED ON 23rd DAY OF March

*[Signature]*  
SUPERVISOR  
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. 2538 (Rev. 03/10)





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

KIM GUADAGNO  
 Lt. Governor

JOHN J. HOFFMAN  
 Acting 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: 9/10/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H141

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0487 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 11, 2017.

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

Sworn to and subscribed before me this 11<sup>th</sup> day of September, 2015.

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



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CHRIS CHRISTIE  
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 Acting Attorney General

KIM GUADAGNO  
 Lt. Governor

COLONEL JOSEPH R. PUENTES  
 Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

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

MANUFACTURER: Dräger Safety, Inc.

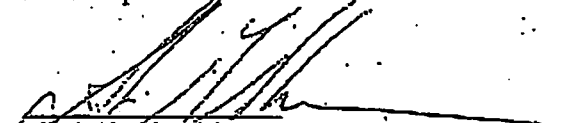
ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H142

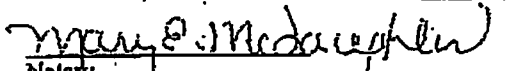
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0967 grams per 100 milliliters of solution.

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 13, 2017.

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.

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

Sworn to and subscribed before me this 18<sup>th</sup> day of September, 2015.

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



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 Governor

KIM GUADAGNO  
 Lt. Governor

JOHN J. HOFFMAN  
 Acting 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: Dräger Safety, Inc.

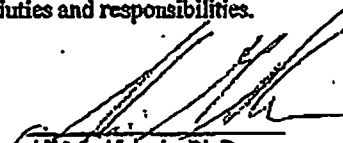
ANALYSIS DATE: 09/14/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H143.

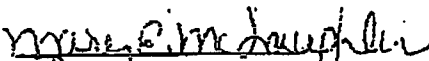
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1226 grams per 100 milliliters of solution.

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 17, 2017.

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 16<sup>th</sup> day of September, 2015.

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



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CHRIS CHRISTIE  
 Governor

KIM GUADAGNO  
 Lt. Governor

JOHN J. HOFFMAN  
 Acting 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: Draeger Safety, Inc.

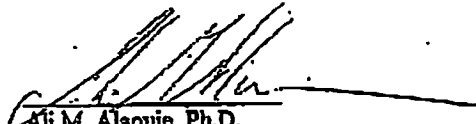
ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H144

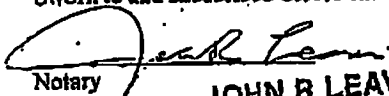
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1952 grams per 100 milliliters of solution.

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 19, 2017.

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 18 day of September, 2015.

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



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**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:

DDMK53-0003

Certification Date

Technician

Re-Certification Due Date

10-30-15

72

10-30-16



**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.  
(P.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDCN-0052

Certification Date

Technician

Re-Certification Due Date

10-30-15

72

10-30-16



**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:

DDX153 - 0193

Certification Date

9-22-15

Technician

72

Re-Certification Due Date

9-22-16

# 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

DDHHP2055

Certification date:

10-30-15

Next Certification due:

10-30-16

Probe Value

104

Dräger Safety Diagnostics, Inc.  
Technical Service Department

PC

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
<b>Location:</b>	FLORENCE TOWNSHIP P.D.	<b>Calib. No.:</b>	00029
<b>Calibration File No.:</b>	00866	<b>Cert. Date:</b>	07/28/2016
<b>Certification File No.:</b>	00867	<b>Lin. Date:</b>	07/28/2016
<b>Linearity File No.:</b>	00868	<b>Soln. Date:</b>	07/28/2016
<b>Solution File No.:</b>	00869	<b>File Date:</b>	07/28/2016
<b>Sequential File No.:</b>	00869		
<b>Calibrating Unit:</b>	WET	<b>Model No.:</b>	CU-34
<b>Control Solution %:</b>	0.100%	<b>Serial No.:</b>	DDUM S3-0222
<b>Solution Control Lot:</b>	201603L	<b>Expires:</b>	03/22/2018
		<b>Bottle No.:</b>	0448

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:14D		
Control 1 EC	0.100%	12:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:15D		
Control 2 EC	0.099%	12:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	12:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:17D		
Control 3 EC	0.099%	12:17D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	12:17D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:18D		

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: DDWJPa-293 (NA)

**Changed By:**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 07/28/2016



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

ROBERT T. LOUGY
Acting 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: 04/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 201603L

Representative samples of the above referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1222 to 0.1232 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 22, 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]

Ah M. Alsoufi, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 14 day of April, 2016.

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



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