

# ALCOTEST CHECKLIST

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

County: BURLINGTON Date of Calibration: 10-13-2015

- 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 S3-0225
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWI P2-144
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 130 754 751
- 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. #: DDEE P2-099

- 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>14</u>	<u>H</u>	<u>131</u>

- 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
- 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 DDWE S3-0167
- B. 0.08% used in Calibration/Linearity Testing. DDAE-0022
- C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
- D. 0.16% used in Calibration/Linearity Testing. DDWF S3-0241
- 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 #: 14 D 129
  - D. Alcotest card of operator/coordinator who completed change.

**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

Dräger 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)

**Draeger Safety Diagnostics, Inc.**

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

Serial Number:

DDUMS3-0225

Certification Date

3-19-15

Technician

BC

Re-Certification Due Date

3-19-16

# 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).

**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

DDWSP2-144

Certification date:

3-18-15

Next Certification due:

3-18-16

Probe Value

104

**Draeger 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.: 4000-5574136

**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: 130754751      Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-178	A40240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B4829-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B4829-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388		
Digital Thermometer	B16815	8/12/14	1000341957
PRT Temperature Probe	02022	8/14/15	B3812004

**Certificate Information:**

Technician: 68      Procedure: CAL-06      Cal Date: 12/12/13      Cal Due: 12/12/15  
Test Conditions: 24.0°C      33.0 %RH      1033 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	0.002	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	24.998	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.001	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	Y	99.951	100.051	0.018	2.8:1

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 comparisons 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 Ranges; ±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:**

*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 4466 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

# Alcotest 7110 Calibration Record

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARTN-0053  
**Location:** FLORENCE TOWNSHIP P.D.  
**Calibration File No.:** 00818 **Calib. Date:** 10/13/2015 **Calib. No.:** 00027  
**Certification File No.:** 00781 **Cert. Date:** 04/21/2015 **Cert. No.:** 00019  
**Linearity File No.:** 00782 **Lin. Date:** 04/21/2015 **Lin. No.:** 00019  
**Solution File No.:** 00814 **Soln. Date:** 09/16/2015 **Soln. No.:** 00171  
**Sequential File No.:** 00818 **File Date:** 10/13/2015

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDUM S3-0225  
**Control Solution %:** 0.100% **Expires:** 08/17/2017  
**Solution Control Lot:** 15H143 **Bottle No.:** 1124

## Coordinator

**Last Name:** GONCALVES **First Name:** MICHELLE **MI:** L  
**Signature:** Sgt. Michelle Goncalves #6040 **Badge No.:** 6040  
**Date:** 10/13/2015

\*Black Key Temperature Probe Serial.....# DDEEP2-099 (MA)  
\*Digital NIST Temperature Measuring System Serial.....# 130754751 (MA)

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 procedure on the 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.:** 00818 **Calib. Date:** 10/13/2015 **Calib. No.:** 00027  
**Certification File No.:** 00819 **Cert. Date:** 10/13/2015 **Cert. No.:** 00020  
**Linearity File No.:** 00782 **Lin. Date:** 04/21/2015 **Lin. No.:** 00019  
**Solution File No.:** 00814 **Soln. Date:** 09/16/2015 **Soln. No.:** 00171  
**Sequential File No.:** 00819 **File Date:** 10/13/2015

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDUM S3-0225  
**Control Solution %:** 0.100% **Expires:** 08/17/2017  
**Solution Control Lot:** 15H143 **Bottle No.:** 1124

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:14D		
Control 1 EC	0.099%	10:15D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:15D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16D		
Control 2 EC	0.099%	10:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:17D		
Control 3 EC	0.100%	10:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: *Sgt. Michelle Goncalves #6040*

Badge No.: 6040

Date: 10/13/2015

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.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	00818	Calib. Date: 10/13/2015
Certification File No.:	00819	Calib. No.: 00027
Linearity File No.:	00820	Cert. No.: 00020
Solution File No.:	00814	Lin. Date: 10/13/2015
Sequential File No.:	00820	Lin. No.: 00020
		Soln. No.: 00171
		File Date: 10/13/2015
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDWE S3-0167
Solution Control Lot:	15H141	Expires: 08/11/2017
		Bottle No.: 0544
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDAE-0022
Solution Control Lot:	15H142	Expires: 08/13/2017
		Bottle No.: 0917
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDWF S3-0241
Solution Control Lot:	14H131	Expires: 08/05/2016
		Bottle No.: 1124

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:30D		
Control 1 EC	0.042%	10:31D	34.1°C	*** TEST PASSED ***
Control 1 IR	0.039%	10:31D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:32D		
Control 2 EC	0.042%	10:33D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.041%	10:33D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:34D		
Control 3 EC	0.083%	10:35D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.082%	10:35D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:36D		
Control 4 EC	0.082%	10:37D	34.1°C	*** TEST PASSED ***
Control 4 IR	0.081%	10:37D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:38D		
Control 5 EC	0.163%	10:39D	34.1°C	*** TEST PASSED ***
Control 5 IR	0.160%	10:39D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:40D		
Control 6 EC	0.163%	10:41D	34.1°C	*** TEST PASSED ***
Control 6 IR	0.161%	10:41D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43D		
Control 5 EC	0.163%	10:39D	34.1°C	*** TEST PASSED ***
Control 5 IR	0.160%	10:39D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:40D		
Control 6 EC	0.163%	10:41D	34.1°C	*** TEST PASSED ***
Control 6 IR	0.161%	10:41D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:43D		

All tests within acceptable tolerance.

**Coordinator**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 10/13/2015

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

Michelle L. Gonçalves  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION AND REEXAMINATION TO CHAPTER 14 OF  
THE LAWS OF THE STATE OF NEW JERSEY PURSUANT TO CHAPTER 14 OF  
THE LAWS OF THE STATE OF NEW JERSEY AND TO REEXAMINE TO RECLASSIFICATION  
A METHOD TO DETERMINE QUALIFICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 15th DAY OF December

TWO THOUSAND AND EIGHT

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-3-13	GCPA	Wm Lora
2. 9/17/15	GCEA	Adam C. Ors
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 02/10)

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

Michelle Gonçalves  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CLASSIFICATION AND REEXAMINATION TO CHAPTER 14 OF  
THE LAWS OF THE STATE OF NEW JERSEY PURSUANT TO CHAPTER 14 OF  
THE LAWS OF THE STATE OF NEW JERSEY AND TO REEXAMINE TO RECLASSIFICATION  
A METHOD TO DETERMINE QUALIFICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF March

TWO THOUSAND AND Twelve

*[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. 2938 (Rev. 02/10)





**CHRIS CHRISTIE**  
Governor

**KIM GUADAGNO**  
Lieutenant Governor

**State of New Jersey**  
OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF CRIMINAL JUSTICE  
PO BOX 025  
TRENTON, NJ 08625-0025  
TELEPHONE: (609) 984-6300

**JEFFREY S. CHIESA**  
Attorney General

**STEPHEN J. TAYLOR**  
Director

March 23, 2012

Col. Joseph R. Fuentes, Superintendent  
Division of State Police  
Division Headquarters  
P.O. Box 7068  
West Trenton, New Jersey 08628

Re: **Breath Test Coordinator/Instructor, Certification -  
Detective I Michelle L. Goncalves #6040**

Dear Col. Fuentes:

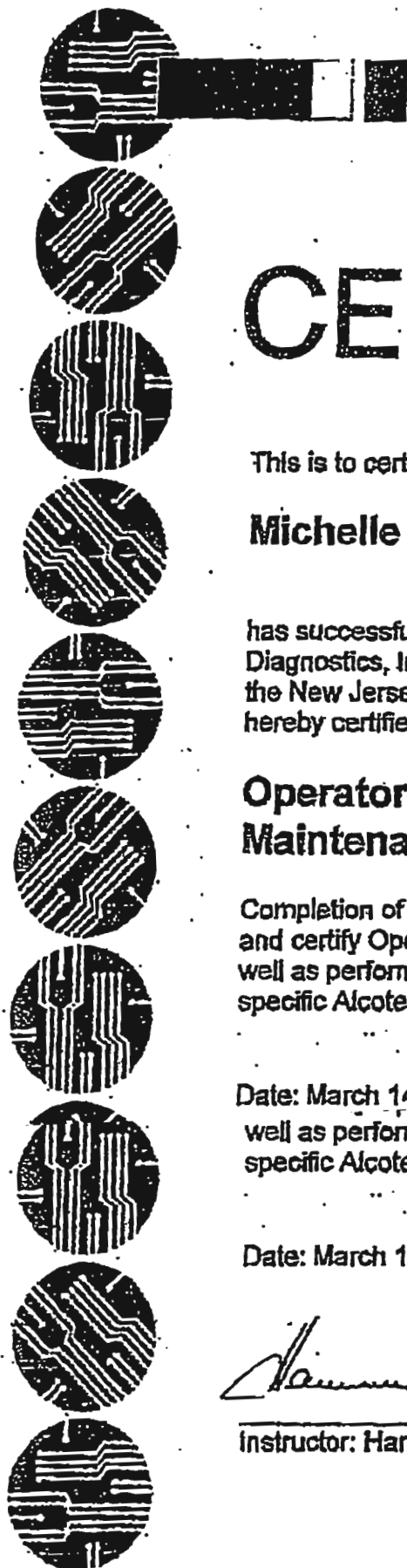
Pursuant to the provisions of *N.J.A.C. 13:51-2.1 (b) and (c)*, as adopted and promulgated under the provisions of *N.J.S.A. 39:4-50.3, 39:3-10.25 and 12:7-56*, I hereby approve Detective I Michelle L. Goncalves #6040, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Jeffrey S. Chiesa  
Attorney General

Jeffrey S. Chiesa  
Attorney General

- c. **Detective I Michelle L. Goncalves, Alcohol/Drug Test Unit, Division of State Police  
DSFC Patrick Guilfooy, Unit Head, Alcohol/Drug Test Unit, Division of State Police**



# CERTIFICATE

This is to certify that

**Michelle Goncalves**

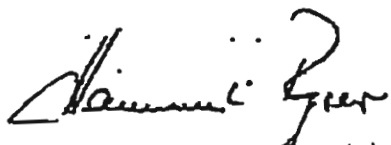
has successfully completed the two day Draeger Safety Diagnostics, Inc. Alcohol Coordinator Training Course on the New Jersey specific Alcotest® 7110 MKIII-C and is hereby certified as a qualified

## **Operator Trainer and Maintenance Technician**

Completion of this course qualifies this individual to train and certify Operators in the proper use and operation as well as perform Preventive Maintenance on the New Jersey specific Alcotest® 7110 MKIII-C.

Date: March 14, 2012 ... the proper use and operation as well as perform Preventive Maintenance on the New Jersey specific Alcotest® 7110 MKIII-C.

Date: March 14, 2012

  
\_\_\_\_\_  
Instructor: Hansueli Ryser

**Dräger**



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

JOHN J. HOFFMAN  
 Acting Attorney General

KIM GUADAGNO  
 Lt. Governor

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.

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

Ali 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



"An Internationally Accredited Agency"





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

JOHN J. HOFFMAN  
Acting Attorney General

KIM GUADAÑO  
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.

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

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.

Notary  
MARY ELIZABETH MCLAUGHLIN

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



"An Internationally Accredited Agency"





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. PUENTES  
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

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

Sworn to and subscribed before me this 15<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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 DIVISION OF STATE POLICE  
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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: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 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 5, 2016.

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

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

Sworn to and subscribed before me this 15<sup>th</sup> day of August, 2014.

Notary  
 MARY ELIZABETH MCLAUGHLIN

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





**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:

DDWES3-0167

Certification Date

8-20-15

Technician

JJ

Re-Certification Due Date

8-20-16

# 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.

## 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

DDEEP2-099

Certification date:

5-11-15

Next Certification due:

5-11-16

Probe Value

107

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

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:

DDAE - 0022

Certification Date

8-18-15

Technician

JD/BC

Re-Certification Due Date

8-18-16



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)

Draeger Safety Diagnostics, Inc.

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:

DDWFS3-0241

Certification Date

8-17-15

Technician

JD/SY

Re-Certification Due Date

8-17-16



# 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>Calibration File No.:</b>	00818	<b>Calib. Date:</b>	10/13/2015
<b>Certification File No.:</b>	00819	<b>Cert. No.:</b>	00027
<b>Linearity File No.:</b>	00820	<b>Cert. Date:</b>	10/13/2015
<b>Solution File No.:</b>	00821	<b>Lin. No.:</b>	00020
<b>Sequential File No.:</b>	00821	<b>Soln. Date:</b>	10/13/2015
		<b>Soln. No.:</b>	00172
		<b>File Date:</b>	10/13/2015

<b>Calibrating Unit:</b>	WET	<b>Model No.:</b>	CU-34	<b>Serial No.:</b>	DDUM S3-0225
<b>Control Solution %:</b>	0.100%			<b>Expires:</b>	04/29/2016
<b>Solution Control Lot:</b>	14D129			<b>Bottle No.:</b>	0494

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:49D		
Control 1 EC	0.103%	11:49D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	11:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:50D		
Control 2 EC	0.101%	11:51D	34.1°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:51D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:51D		
Control 3 EC	0.102%	11:52D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.102%	11:52D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:53D		

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: DDWJP2-144 MA

**Changed By:**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle #6040

Badge No.: 6040

Date: 10/13/2015

Last Name: GONCALVES

Signature: Sgt. Michelle #6040

Badge No.: 6040

Date: 10/13/2015



State of New Jersey  
OFFICE OF THE ATTORNEY GENERAL

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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**  
**0.10 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: 5/06/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14D129

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1208 to 0.1217 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 April 29, 2016.

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

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

Sworn to and subscribed before me this 7<sup>th</sup> day of May, 2014.

Joseph R. Fuentes  
Notary

