

# ALCOTEST CHECKLIST

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

County: BURLINGTON Date of Calibration: 07-06-2017

- 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. #: DDWT P2-144
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 150 734 146
- 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. #: DDUN P2-237

- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - A. 0.04% Solution. 16 230
  - B. 0.08% Solution. 16 250
  - C. 0.10% Solution. 16 220
  - D. 0.16% Solution. 16 260

- 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. DDRK S3-0012
  - B. 0.08% used in Calibration/Linearity Testing. DDRK S3-0015
  - C. 0.10% used in Calibration/Linearity Testing.  
[Same as CU34 unit on instrument.]
  - D. 0.16% used in Calibration/Linearity Testing. DDRK S3-0025

- 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 #: 16150
  - 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 48864, 49 FR 48864 and 68 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:

1-10-17

SERIAL NUMBER:

ARTN-0053

Dräger Safety Diagnostics, Inc.

BC



**Dräger**

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

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

Serial Number:

DDWMS3-0225

Certification Date

11-21-16

Technician

Kag

Re-Certification Due Date

11-21-17

# 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

DDWJPL-144

Certification date:

11-21-16

Next Certification due:

11-21-17

Probe Value

99

Dräger Safety Diagnostics, Inc.  
Technical Service Department

Kag



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



Cert. No.: 4000-7111002

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 19387  
Instrument Identification:

Model: 61220-601      S/N: 150734146      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	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

Certificate Information:

Technician: 104      Procedure: CAL-06      Cal Date: 10/02/15      Due Date: 10/02/17  
Test Conditions: 23.1°C      46.0 %RH      1016 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.001	0.001	Y	-0.051	0.049	0.013	3.8:1
°C		N.A.		24.999	25.001	Y	24.949	25.049	0.014	3.6:1
°C		N.A.		50.000	50.001	Y	49.950	50.050	0.014	3.6:1
°C		N.A.		100.002	100.000	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-01825-2006-AC-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



# 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.:** 00924 **Calib. Date:** 07/06/2017 **Calib. No.:** 00034  
**Certification File No.:** 00925 **Cert. Date:** 07/06/2017 **Cert. No.:** 00026  
**Linearity File No.:** 00898 **Lin. Date:** 01/20/2017 **Lin. No.:** 00025  
**Solution File No.:** 00923 **Soln. Date:** 07/03/2017 **Soln. No.:** 00196  
**Sequential File No.:** 00925 **File Date:** 07/06/2017

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDUM S3-0225  
**Control Solution %:** 0.100% **Expires:** 09/07/2018  
**Solution Control Lot:** 16220 **Bottle No.:** 0696

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:45D		
Control 1 EC	0.100%	13:46D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:46D		
Control 2 EC	0.099%	13:47D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:48D		
Control 3 EC	0.099%	13:48D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:49D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 07/06/2017

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 MKJII-C Serial No.: ARTN-0053  
**Location:** FLORENCE TOWNSHIP P.D.  
**Calibration File No.:** 00924 **Calib. Date:** 07/06/2017 **Calib. No.:** 00034  
**Certification File No.:** 00925 **Cert. Date:** 07/06/2017 **Cert. No.:** 00026  
**Linearity File No.:** 00926 **Lin. Date:** 07/06/2017 **Lin. No.:** 00026  
**Solution File No.:** 00923 **Soln. Date:** 07/03/2017 **Soln. No.:** 00196  
**Sequential File No.:** 00926 **File Date:** 07/06/2017

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0012  
**Control Solution %:** 0.040% **Expires:** 09/19/2018  
**Solution Control Lot:** 16230 **Bottle No.:** 0687

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0015  
**Control Solution %:** 0.080% **Expires:** 09/27/2018  
**Solution Control Lot:** 16250 **Bottle No.:** 1260

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0025  
**Control Solution %:** 0.160% **Expires:** 10/03/2018  
**Solution Control Lot:** 16260 **Bottle No.:** 0805

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:01D		
Control 1 EC	0.042%	14:01D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	14:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:03D		
Control 2 EC	0.041%	14:03D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	14:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:05D		
Control 3 EC	0.082%	14:05D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	14:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:07D		
Control 4 EC	0.081%	14:07D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	14:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:09D		
Control 5 EC	0.162%	14:09D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.162%	14:09D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:11D		
Control 6 EC	0.160%	14:11D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.162%	14:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:13D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 07/06/2017

ORIGINAL COURSE DATES

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

S.P. 2838 (Rev. 03/10)

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

Michelle L. Gonçalves  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO EXERCISE CONTROL OVER THE OPERATION OF THE BREATH TEST COORDINATOR/INSTRUCTOR  
 A LICENSE TO PARTICIPATE IN THIS COURSE  
 GIVEN IN ACCORDANCE WITH THE NEW JERSEY STATUTES  
 THIS THIRTEENTH DAY OF December

THE THIRTEENTH DAY OF DECEMBER

*[Signature]*  
 CLERK OF COURT  
 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. 2838 (Rev. 02/12)

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

Michelle Gonçalves  
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO EXERCISE CONTROL OVER THE OPERATION OF THE BREATH TEST COORDINATOR/INSTRUCTOR  
 A LICENSE TO PARTICIPATE IN THIS COURSE  
 GIVEN IN ACCORDANCE WITH THE NEW JERSEY STATUTES  
 THIS THIRTEENTH DAY OF March

THE THIRTEENTH DAY OF MARCH

*[Signature]*  
 CLERK OF COURT  
 NEW JERSEY STATE POLICE

*[Signature]*  
 ATTORNEY GENERAL  
 STATE OF NEW JERSEY





State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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CHRISTOPHER S. PORRINO  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

CERTIFICATION OF ANALYSIS  
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Dräger Safety, Inc.


ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

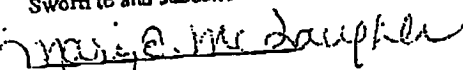
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

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

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

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

Sworn to and subscribed before me this 28<sup>th</sup> day of September, 2016.

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



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State of New Jersey

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Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

**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.

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

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

Notary

MARY ELIZABETH MCLAUGHLIN

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



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Attorney General

COLONEL JOSEPH R. PURTIES  
Superintendent

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

**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.

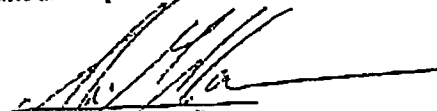
MANUFACTURER: Dräger Safety, Inc. ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

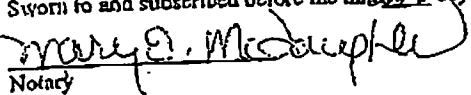
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 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 07, 2018.

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

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

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

  
Notary

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



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State of New Jersey

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Governor

KIM GUADAGNO  
Lt. Governor

CHRISTOPHER S. PORRINO  
Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

CERTIFICATION OF ANALYSIS  
0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

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

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

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

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

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

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



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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:

DDRKS3-0012

Certification Date

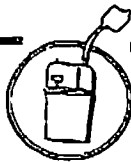
Technician

Re-Certification Due Date

09-28-16

VDO

09-28-17



Dräger

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.  
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDRKS3-0015

Certification Date

Technician

Re-Certification Due Date

9-28-16

77

9-28-17



**Dräger**

# CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.

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

Draeger Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

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

Serial Number:

DDRKS3-0025

Certification Date

9-29-16

Technician

72

Re-Certification Due Date

9-29-17

# 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

DDUNP2-237

Certification date:

9-30-16

Next Certification due:

9-30-17

Probe Value

105

Draeger Safety Diagnostics, Inc.  
Technical Service Department

BC

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	00924	Calib. Date: 07/06/2017
Certification File No.:	00925	Calib. No.: 00034
Linearity File No.:	00926	Cert. Date: 07/06/2017
Solution File No.:	00927	Cert. No.: 00026
Sequential File No.:	00927	Lin. Date: 07/06/2017
		Lin. No.: 00026
		Soln. Date: 07/06/2017
		Soln. No.: 00197
		File Date: 07/06/2017

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDUM S3-0225
Control Solution %: 0.100%		Expires: 07/06/2018
Solution Control Lot: 16150		Bottle No.: 1456

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:19D		
Control 1 EC	0.101%	15:20D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:20D		
Control 2 EC	0.100%	15:21D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	15:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:22D		
Control 3 EC	0.100%	15:22D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:23D		

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: DDWJPD-144 ME

**Changed By:**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 07/06/2017



State of New Jersey

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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: 08/08/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16150

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1210 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 July 06, 2018.

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

\_\_\_\_\_  
Ali M. Alacua, Ph.D.  
Research Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9<sup>th</sup> day of August, 2016.

\_\_\_\_\_  
Notary  
MARY ELIZABETH MCLAUGHLIN

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



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