

# Alcotest 7110 Calibration Record

## Equipment

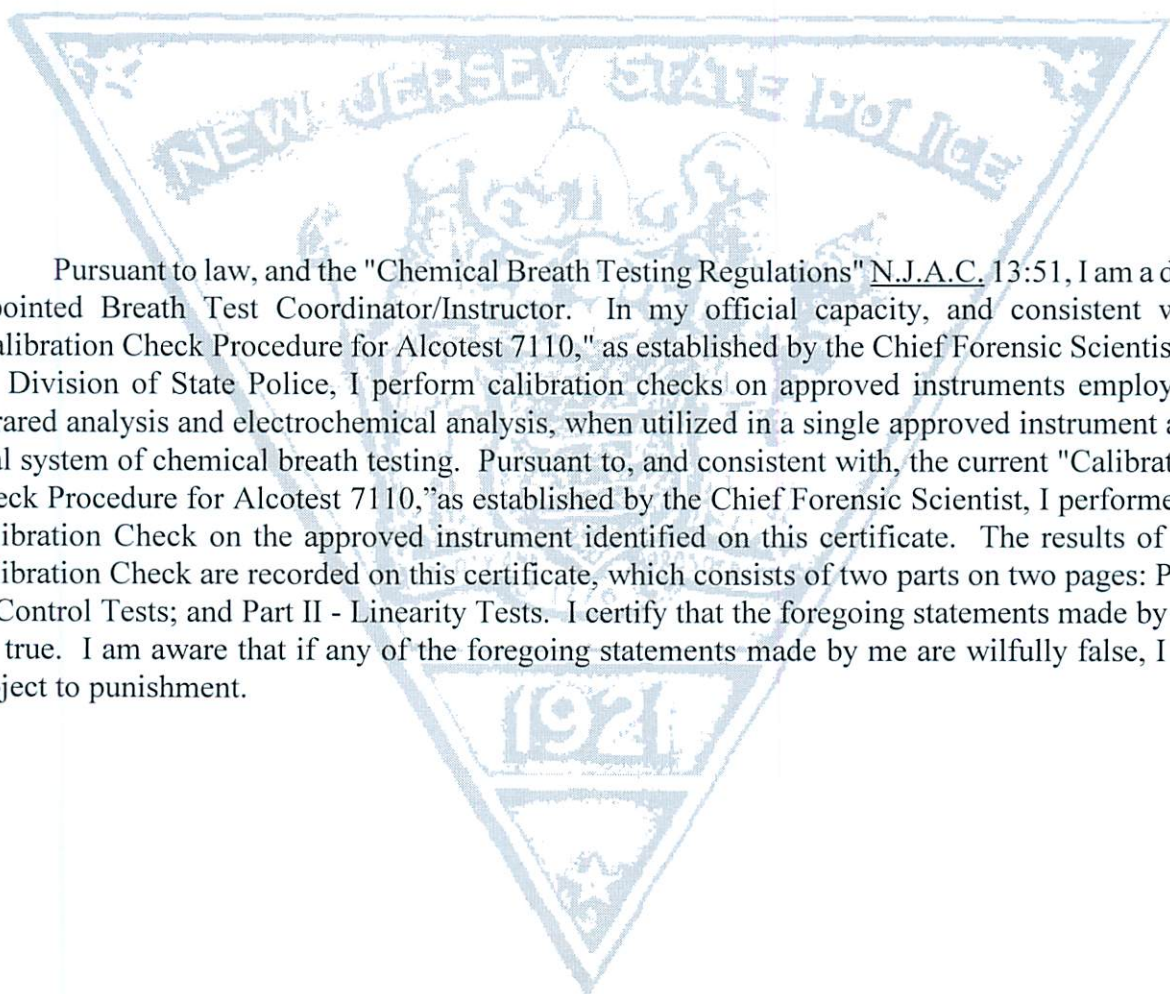
Alcotest 7110 MKIII-C  
Location: LAWRENCE TWP POLICE  
Serial No.: ARWF-0359  
Calibration File No.: 01107 Calib. Date: 06/09/2016 Calib. No.: 00025  
Certification File No.: 01069 Cert. Date: 01/19/2016 Cert. No.: 00020  
Linearity File No.: 01070 Lin. Date: 01/19/2016 Lin. No.: 00020  
Solution File No.: 01101 Soln. Date: 05/14/2016 Soln. No.: 00186  
Sequential File No.: 01107 File Date: 06/09/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0356  
Control Solution %: 0.100% Expires: 08/17/2017  
Solution Control Lot: 15H143 Bottle No.: 1298

## Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L  
Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040  
Date: 06/09/2016

\*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. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARWF-0359		
Location:	LAWRENCE TWP POLICE				
Calibration File No.:	01107	Calib. Date:	06/09/2016	Calib. No.:	00025
Certification File No.:	01108	Cert. Date:	06/09/2016	Cert. No.:	00021
Linearity File No.:	01070	Lin. Date:	01/19/2016	Lin. No.:	00020
Solution File No.:	01101	Soln. Date:	05/14/2016	Soln. No.:	00186
Sequential File No.:	01108	File Date:	06/09/2016		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWJ S3-0356
Control Solution %:	0.100%			Expires:	08/17/2017
Solution Control Lot:	15H143			Bottle No.:	1298

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:48D		
Control 1 EC	0.099%	12:49D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:49D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:50D		
Control 2 EC	0.099%	12:50D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:50D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:51D		
Control 3 EC	0.099%	12:52D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:52D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves # 6040

Badge No.: 6040

Date: 06/09/2016

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWF-0359  
Location: LAWRENCE TWP POLICE  
Calibration File No.: 01107 Calib. Date: 06/09/2016 Calib. No.: 00025  
Certification File No.: 01108 Cert. Date: 06/09/2016 Cert. No.: 00021  
Linearity File No.: 01109 Lin. Date: 06/09/2016 Lin. No.: 00021  
Solution File No.: 01101 Soln. Date: 05/14/2016 Soln. No.: 00186  
Sequential File No.: 01109 File Date: 06/09/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0003  
Control Solution %: 0.040% Expires: 08/11/2017  
Solution Control Lot: 15H141 Bottle No.: 0090

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXD S3-0193  
Control Solution %: 0.080% Expires: 08/13/2017  
Solution Control Lot: 15H142 Bottle No.: 1308

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCN-0052  
Control Solution %: 0.160% Expires: 08/19/2017  
Solution Control Lot: 15H144 Bottle No.: 0007

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:04D		
Control 1 EC	0.041%	13:05D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:06D		
Control 2 EC	0.040%	13:07D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:08D		
Control 3 EC	0.080%	13:09D	34.1°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:09D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 4 EC	0.080%	13:11D	34.1°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:11D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13D		
Control 5 EC	0.160%	13:13D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15D		
Control 6 EC	0.159%	13:15D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:17D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: 

Badge No.: 6040

Date: 06/09/2016

# Calibrating Unit New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWF-0359  
Location: LAWRENCE TWP POLICE  
Calibration File No.: 01107 Calib. Date: 06/09/2016 Calib. No.: 00025  
Certification File No.: 01108 Cert. Date: 06/09/2016 Cert. No.: 00021  
Linearity File No.: 01109 Lin. Date: 06/09/2016 Lin. No.: 00021  
Solution File No.: 01110 Soln. Date: 06/09/2016 Soln. No.: 00187  
Sequential File No.: 01110 File Date: 06/09/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0356  
Control Solution %: 0.100% Expires: 03/22/2018  
Solution Control Lot: 201603L Bottle No.: 0895

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:23D		
Control 1 EC	0.101%	14:23D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	14:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:24D		
Control 2 EC	0.100%	14:25D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:25D		
Control 3 EC	0.100%	14:26D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:27D		

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: DDWAP2-214 ME

**Changed By:**

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 06/09/2016



**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:

DDWJS3-0356

Certification Date

1-27-16

Technician

72

Re-Certification Due Date

1-27-17

# 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

DDWAP2-214

Certification date:

1-21-16

Next Certification due:

1-21-17

Probe Value

104

Draeger Safety Diagnostics, Inc.  
Technical Service Department

BC

**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:

3-16-15

SERIAL NUMBER:

ARWF-0359

Dräger Safety Diagnostics, Inc.

PC



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

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 of AH M. Alaouie]

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

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

Notary

JOHN R LEAVER

ID # 2207138
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017



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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	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

**Certificate Information:**

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

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.000	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).



DEPARTMENT OF  
Traffic and Public Safety  
Office is to certify that

Michelle L. Gonçalves  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT GENERAL REFRESHER COURSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1966 IN THE OPERATION OF THE **Alcohol 7110 MKIII-C**  
A METHOD OF DETECTION IDENTIFICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this **15th** DAY OF **December**

THE THOUSAND AND **Eleven**

*[Signature]*  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

*[Signature]*  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

DEPARTMENT OF  
Traffic and Public Safety  
Office is to certify that

Michelle Gonçalves  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT GENERAL REFRESHER COURSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1966 IN THE OPERATION OF THE **Breath Test Coordinator/Instructor**  
A METHOD OF DETECTION IDENTIFICATION  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, this **23rd** DAY OF **March**

THE 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. 12-3-13	GCPA	Jim Horn
2. 9/17/15	GCPA	Chris C. De...
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 03/10)

ORIGINAL COURSE DATES

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

S.P. 293B (Rev. 02/12)



**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:

DDXDS3 - 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

DDHHP2-055

Certification date:

10-30-15

Next Certification due:

10-30-16

Probe Value

104

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:

DDMKS3-0003

Certification Date

10-30-15

Technician

72

Re-Certification Due Date

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)

**Draeger Safety Diagnostics, Inc.**

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

Serial Number:

DDCN-0052

Certification Date

10-30-15

Technician

72

Re-Certification Due Date

10-30-16



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

POST OFFICE BOX 7068

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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: Draeger 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. Alaouie, 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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 DEPARTMENT OF LAW AND PUBLIC SAFETY  
 DIVISION OF STATE POLICE  
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 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

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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 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**  
**0.08 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.

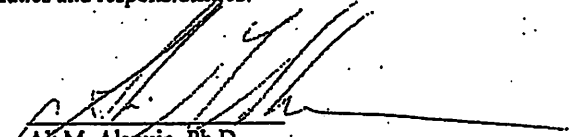
ANALYSIS DATE: 9/17/2015

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

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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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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(609) 882-2000

CHRIS CHRISTIE  
Governor

JOHN J. HOFFMAN  
Acting Attorney General

KIM GUADAGNO  
Lt. Governor

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.16 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.

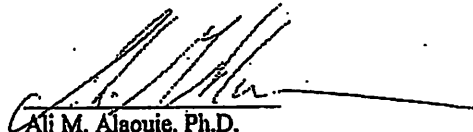
ANALYSIS DATE: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H144

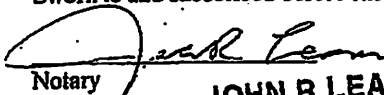
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1952 grams per 100 milliliters of solution.

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. Alsaouie, 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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# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWF-0359
Location:	LAWRENCE TWP POLICE	
Calibration File No.:	01107	Calib. Date: 06/09/2016
Certification File No.:	01108	Calib. No.: 00025
Linearity File No.:	01109	Cert. Date: 06/09/2016
Solution File No.:	01119	Cert. No.: 00021
Sequential File No.:	01119	Lin. Date: 06/09/2016
		Lin. No.: 00021
		Soln. Date: 07/05/2016
		Soln. No.: 00188
		File Date: 07/05/2016
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWJ S3-0356
Solution Control Lot:	201603L	Expires: 03/22/2018
		Bottle No.: 0896

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	03:21D		
Control 1 EC	0.100%	03:22D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	03:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	03:23D		
Control 2 EC	0.099%	03:23D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	03:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	03:24D		
Control 3 EC	0.100%	03:25D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	03:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	03:25D		

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.

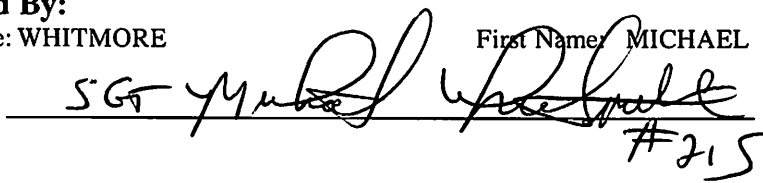
**Changed By:**

Last Name: WHITMORE

First Name: MICHAEL

MI: J

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



#215

Badge No.: 215

Date: 07/05/2016



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

**Michael J. Whitmore**  
**Lawrence Township**

IS QUALIFIED AND COMPETENT TO OPERATE FEDERAL HEAVY ANALYSIS MICHIGAN TO CHAPTER 142 OF

THE LAWS OF 1986 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

AS LONG AS HE REMAINS INTERMEDIATE

AS LONG AS MY HANDS AT THE TIME IN NEW JERSEY THIS 13 DAY OF April

SEVENTEEN AND thirteen

*[Signature]*  
 COMMISSIONER  
 NEW JERSEY STATE POLICE

*[Signature]*  
 TOWNSHIP CLERK  
 LAWRENCE TOWNSHIP  
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES \_\_\_\_\_

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	2/2/15	OLPA	<i>[Signature]</i>
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWF-0359
Location:	LAWRENCE TWP POLICE	
Calibration File No.:	01107	Calib. Date: 06/09/2016
Certification File No.:	01108	Calib. No.: 00025
Linearity File No.:	01109	Cert. Date: 06/09/2016
Solution File No.:	01125	Cert. No.: 00021
Sequential File No.:	01125	Lin. Date: 06/09/2016
		Lin. No.: 00021
		Soln. Date: 08/02/2016
		Soln. No.: 00189
		File Date: 08/02/2016
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWJ S3-0356
Solution Control Lot:	201603L	Expires: 03/22/2018
		Bottle No.: 0897

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	04:53D		
Control 1 EC	0.099%	04:54D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	04:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	04:54D		
Control 2 EC	0.099%	04:55D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	04:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	04:56D		
Control 3 EC	0.100%	04:56D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	04:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	04:57D		

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.

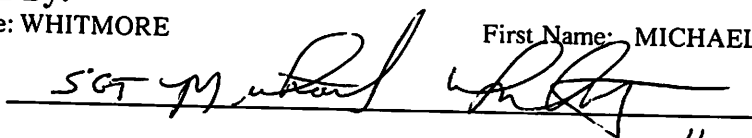
**Changed By:**

Last Name: WHITMORE

First Name: MICHAEL

MI: J

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



Badge No.: 215

Date: 08/02/2016

#215

DEPARTMENT OF  
**Health and Public Safety**  
It is to be certain that

**Michael J. Whitmore**  
**Lawrence Township**

STATE OF NEW JERSEY COMPLETES THE GENERAL CHEMICAL HEALTH ANALYSTS PURSUANT TO CHAPTER 142 OF

THE STATUTES OF 1990 BY THE OPERATION OF THE Neotest 7110 MKIII-C

ON THE 13TH DAY OF APRIL 2015

AT NEW BRUNSWICK, NEW JERSEY THIS thirteen DAY OF April

IN THE YEAR OF OUR LORD ONE THOUSAND AND thirteen

*[Signature]*  
 COUNTY CLERK  
 COUNTY OF MIDDLESEX

*[Signature]*  
 COUNTY CLERK  
 COUNTY OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	2/2/15	OLPA	Adam Stebbins
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			