

# Alcotest 7110 Calibration Record

**Equipment**

Location:	Alcotest 7110 MKIII-C PLAINSBORO TOWNSHIP PD	Serial No.: ARTL-0005
Calibration File No.:	01235	Calib. Date: 12/27/2012
Certification File No.:	01187	Cert. Date: 09/05/2012
Linearity File No.:	01188	Lin. Date: 09/05/2012
Solution File No.:	01228	Soln. Date: 12/10/2012
Sequential File No.:	01235	File Date: 12/27/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUF S3-0065
Solution Control Lot:	12B099	Expires: 02/20/2014
		Bottle No.: 0013

**Coordinator**

Last Name: GONCALVES	First Name: MICHELLE	MI: L
Signature: <u>Det I. G. Kelv # 6040</u>	Badge No.: 6040	Date: 12/27/2012

\*Black Key Temperature Probe Serial.....# DD MBP1 - 0002 *ma*

\*Digital NIST Temperature Measuring System Serial.....# 122172176 *mer*

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

### Equipment

Alcotest 7110 MKIII-C Serial No.: ARTL-0005  
Location: PLAINSBORO TOWNSHIP PD  
Calibration File No.: 01235 Calib. Date: 12/27/2012 Calib. No.: 00022  
Certification File No.: 01236 Cert. Date: 12/27/2012 Cert. No.: 00016  
Linearity File No.: 01188 Lin. Date: 09/05/2012 Lin. No.: 00015  
Solution File No.: 01228 Soln. Date: 12/10/2012 Soln. No.: 00151  
Sequential File No.: 01236 File Date: 12/27/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUF S3-0065  
Control Solution %: 0.100% Expires: 02/20/2014  
Solution Control Lot: 12B099 Bottle No.: 0013

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:12S		
Control 1 EC	0.100%	13:13S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	13:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:14S		
Control 2 EC	0.099%	13:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:15S		
Control 3 EC	0.099%	13:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:16S		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Det. T. M. G. # 6c40

Badge No.: 6040

Date: 12/27/2012

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.:	ARTL-0005	
Location:	PLAINSBORO TOWNSHIP PD			
Calibration File No.:	01235	Calib. Date:	12/27/2012	
Certification File No.:	01236	Cert. Date:	12/27/2012	
Linearity File No.:	01237	Lin. Date:	12/27/2012	
Solution File No.:	01228	Soln. Date:	12/10/2012	
Sequential File No.:	01237	File Date:	12/27/2012	
Calibrating Unit:	WET	Model No.:	CU-34	
Control Solution %:	0.040%		Serial No.: DDWF S3-0215	
Solution Control Lot:	11F090		Expires: 06/27/2013	
			Bottle No.: 0589	
Calibrating Unit:	WET	Model No.:	CU-34	
Control Solution %:	0.080%		Serial No.: DDXD S3-0193	
Solution Control Lot:	11F091		Expires: 06/30/2013	
			Bottle No.: 0821	
Calibrating Unit:	WET	Model No.:	CU-34	
Control Solution %:	0.160%		Serial No.: DDWF S3-0241	
Solution Control Lot:	11G092		Expires: 07/03/2013	
			Bottle No.: 0377	
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:26S		
Control 1 EC	0.041%	13:27S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:28S		
Control 2 EC	0.041%	13:29S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	13:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:31S		
Control 3 EC	0.080%	13:31S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.076%	13:31S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:33S		
Control 4 EC	0.080%	13:33S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:33S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:35S		
Control 5 EC	0.160%	13:35S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:37S		
Control 6 EC	0.158%	13:37S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	13:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39S		

All tests within acceptable tolerance.

### Coordinator

Last Name: GONCALVES

Signature: 

First Name: MICHELLE

MI: L

Badge No.: 6040

Date: 12/27/2012

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD		
Calibration File No.:	01235	Calib. Date:	12/27/2012
Certification File No.:	01236	Cert. Date:	12/27/2012
Linearity File No.:	01237	Lin. Date:	12/27/2012
Solution File No.:	01238	Soln. Date:	12/27/2012
Sequential File No.:	01238	File Date:	12/27/2012
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%		Serial No.: DDUF S3-0065
Solution Control Lot:	12I107		Expires: 09/13/2014
			Bottle No.: 0931
<b>Function</b>	<b>Result</b>	<b>Time</b>	<b>Temperature</b>
	%BAC	HH:MM	Simulator (°C)
Ambient Air Blank	0.000%	15:04S	
Control 1 EC	0.101%	15:04S	34.0°C
Control 1 IR	0.101%	15:04S	34.0°C
Ambient Air Blank	0.000%	15:05S	
Control 2 EC	0.100%	15:06S	34.0°C
Control 2 IR	0.100%	15:06S	34.0°C
Ambient Air Blank	0.000%	15:06S	
Control 3 EC	0.099%	15:07S	34.0°C
Control 3 IR	0.100%	15:07S	34.0°C
Ambient Air Blank	0.000%	15:08S	
			<b>Comment(s) or Error(s)</b>
			*** TEST PASSED ***
			*** TEST PASSED ***
			*** TEST PASSED ***
			*** TEST PASSED ***
			*** TEST PASSED ***
			*** TEST PASSED ***
			*** TEST PASSED ***
			*** TEST PASSED ***

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 DDUJP2-144 Ma  
**Changed By:**  
 Last Name: GONCALVES First Name: MICHELLE MI: L  
 Signature: Det I. Gondves #6040 Badge No.: 6040  
 Date: 12/27/2012



**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:

DDUFS3-0065

Certification Date

Technician

Re-Certification Due Date

11-20-12

fs

11-20-13

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST).

The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification.

For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

Certification date:

Next Certification due:

DDUJP2-144

11-20-12

11-20-13

Probe Value

100

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

fs



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:

5-12-2011

SERIAL NUMBER:

ARTL-0005

Draeger Safety Diagnostics, Inc.





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*

JEFFREY S. CHIESA  
*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:** 10/3/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12I107

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1218 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 13, 2014.

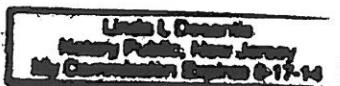
As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. 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 5<sup>th</sup> day of October, 2012.

Linda L. D'Amato  
Notary Public, New Jersey  
My Commission Expires 0-17-14

Notary



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New Jersey Is An Equal Opportunity Employer  
Printed on Recycled Paper and Recyclable





# CERTIFICATE

This is to certify that

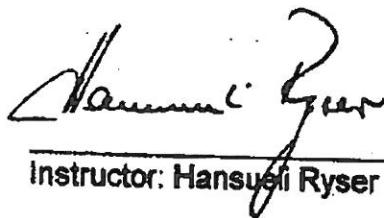
**Michelle Goncalves**

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

A handwritten signature in black ink that reads "Hansueli Ryser".

Instructor: Hansueli Ryser

**Dräger**



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 085  
TRENTON, NJ 08625-0085  
TELEPHONE: (609) 984-6500

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

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



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

**Michelle L. McKelvey**

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH ANALYSIS PURSUANT TO CHAPTER 10:4 OF  
THE LAWS OF 1966 BY THE CONTRACTOR OF THE BREATH ANALYZER  
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 16th DAY OF Aug.  
TWO THOUSAND AND 04

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
10/10/03

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES Feb. 3-7 2003  
Refresher Course

DATE	PLACE	INSTRUCTOR
1. <u>10/10/03</u>	<u>OCBA</u>	<u>CJL</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 05/02)

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

**MICHELLE L. MCKELVEY**

NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH ANALYSIS PURSUANT TO CHAPTER 10:4 OF  
THE LAWS OF 1966 BY THE CONTRACTOR OF THE BREATH ANALYZER  
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 10th DAY OF August  
TWO THOUSAND AND 05

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
10/10/03

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 293B (Rev. 05/02)

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

**Michelle L. Goncalves**

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH ANALYSIS PURSUANT TO CHAPTER 10:4 OF  
THE LAWS OF 1966 BY THE CONTRACTOR OF THE BREATH ANALYZER  
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF December  
TWO THOUSAND AND Eleven

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
10/10/03

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 293B (Rev. 05/10)

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

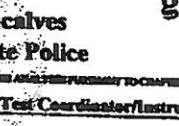
**Michelle Goncalves**

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT BREATH ANALYSIS PURSUANT TO CHAPTER 10:4 OF  
THE LAWS OF 1966 BY THE CONTRACTOR OF THE BREATH ANALYZER  
A METHOD TO DETERMINE INTOXICATION

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 23rd DAY OF March  
TWO THOUSAND AND Twelve

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
10/10/03

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	PLACE	INSTRUCTOR
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____

S.P. 293B (Rev. 05/10)



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-4269985

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bldg 1, Ste 200, 100 Metsonford Road, Radnor, PA 19087  
Instrument Identification:

Model: 61220-601

S/N: 122172176

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-275	A9A237		
Digital Thermometer	B16815	6/06/12	B1606038
PRT Temperature Probe	01841	5/28/12	B1526085
Temperature Calibration Bath TC-256	B01375		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-BL72N-1-1
Temperature Calibration Bath TC-178	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-BN9WZ-27-1

Certificate Information:

Technician: 68

Procedure: CAL-08

Cal Date: 3/30/12

Cal Due: 3/30/14

Test Conditions: 23.0°C 44.0 %RH 1012 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	$\pm U$	TUR
°C		N.A.		-0.000	-0.001	Y	-0.050	0.050	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		60.000	59.999	Y	59.950	60.050	0.018	2.8:1
°C		N.A.		100.001	100.002	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 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;  $\pm U$ =Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy= $\pm (Max-Min)/2$ ; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Wallace Berry, 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 77448 USA  
Phone 281 482-1714 Fax 281 482-8448 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 (DIA) Dts Nortia Veritas, Certificate No. CERT-01605-2008-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Mutual Recognition Arrangement (MRA).



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:

DDWFS3-0241

Certification Date

Technician

Re-Certification Due Date

2/2/12

2M

2/2/13



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:

DDWFS3-0215

Certification Date

Technician

Re-Certification Due Date

2/2/12

2M

2/2/13





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:

01X1233-0193

Certification Date

Technician

Re-Certification Due Date

8-6-12

AS

8-6-13

Dräger

### ALCOTEST® 7110 TEMPERATURE PROBE

## CERTIFICATE OF ACCURACY

This is to certify that the Alcotest® 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST).

The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your State Specification.

For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

Certification date:

Next Certification due:

DDMBP1-0002

2/3/12

2/3/13

Probe Value

10.2

Draeger Safety Diagnostics, Inc.  
Technical Service Department

2m



**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

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*Attorney General*

**CHRIS CHRISTIE**  
*Governor*

**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 0.045 to 0.051 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 7/21/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F090

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 0.0485 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. 13:51-3.4, 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 June 27, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Kenneth W. Kiwalick, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 1st day of August, 2011.

Linda L. DiCarlo  
Notary

Linda L. DiCarlo  
Notary Public, New Jersey  
My Commission Expires 8-17-14



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*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 0.094 to 0.099 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 7/22/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F091

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0973 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. 13:51-3.4, 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 June 30, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Kenneth W. Kawalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Swear to and subscribed before me this 1<sup>st</sup> day of August, 2011.

Linda L. Desantis  
Notary



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Attorney General

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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 0.188 to 0.199 grams per 100 milliliters of solution.

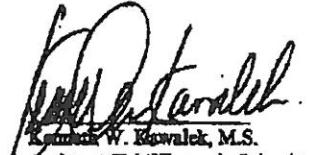
MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 7/25/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11G092

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1917 to 0.1927 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. 13:51-3.4, 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 3, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the test and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

  
Linda L. DeSantis  
Kathleen W. Kowalek, M.S.  
Assistant Chief Forensic Scientist  
Division of State Police

Sworn to and subscribed before me this 1<sup>st</sup> day of August, 2011.

  
Linda L. DeSantis  
Notary

Linda L. DeSantis  
Notary Public, New Jersey  
My Commission Number 8-17-44



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Attorney General

CHRIS CHRISTIE  
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Lt. Governor

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**

**0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.117 to 0.125 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 3/20/2012

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12B099

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1211 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. 13:51-3.4, 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 February 20, 2014.

As Forensic Scientist III 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.

  
Monica L. Tramontin  
Forensic Scientist III  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 2nd day of March, 2012.

Mary E. McLaughlin  
Notary

MARY ELIZABETH McLAUGHLIN  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES 12-24-2013



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