

# ALCOTEST CHECKLIST

Municipality: STRATFORD Alcotest Ser. #: ARNK-0039

County: CAMDEN Date of Calibration: 10-20-2014

- 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. #: DDUL S3-0163
- 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDUJ P2-030
- 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 130 754 751
- 5.
  - A. Alcotest 7110 Calibration Record
  - B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
  - C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
  - D. **Alcotest Card** of operator/coordinator who performed tests.
  - E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].  
Ser. #: DDLH P1-0073

- 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
  - A. 0.04% Solution. 13 I 120
  - B. 0.08% Solution. 13 I 121
  - C. 0.10% Solution. 13 I 122
  - D. 0.16% Solution. 14 H 131

- 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. DDCB-0001
  - B. 0.08% used in Calibration/Linearity Testing. DDCB-0002
  - C. 0.10% used in Calibration/Linearity Testing DDUL S3-0163 [Same as instrument's CU34 unit].
  - D. 0.16% used in Calibration/Linearity Testing. DDBN-0007
- 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 #: 12 L 109
  - D. Alcotest card of operator/coordinator who completed change.

**Dräger**

**Alcotest® 7110 MKIII-C**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

SERIAL NUMBER:

8-3-12

ARWK-0039

**Dräger Safety Diagnostics, Inc.**

\_\_\_\_\_ *RS*



**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:

DDULS3-0163

Certification Date

Technician

Re-Certification Due Date

7-28-14

BC

7-28-15

# 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

DDUL P2-030

Certification date:

7-28-14

Next Certification due:

7-28-15

Probe Value

97

Dräger Safety Diagnostics, Inc.  
Technical Service Department

BC



Calibration  
Certificate No. 1750.01

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



Cert. No.: 4000-5574136

**Traceable® Certificate of Calibration for Digital Thermometer**

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

Model: 61220-601      S/N: 130754751      Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B48Z9-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

**Certificate Information:**

Technician: 68      Procedure: CAL-06      Cal Date: 12/12/13      Cal Due: 12/12/15  
Test Conditions: 24.0°C      33.0 %RH      1033 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.002	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	24.998	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.001	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	Y	99.951	100.051	0.018	2.8:1

**This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.**

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance 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

*Nico Rodriguez*  
Nico 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-01805-2006-AQ-HQU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

# Alcotest 7110 Calibration Record

## Equipment

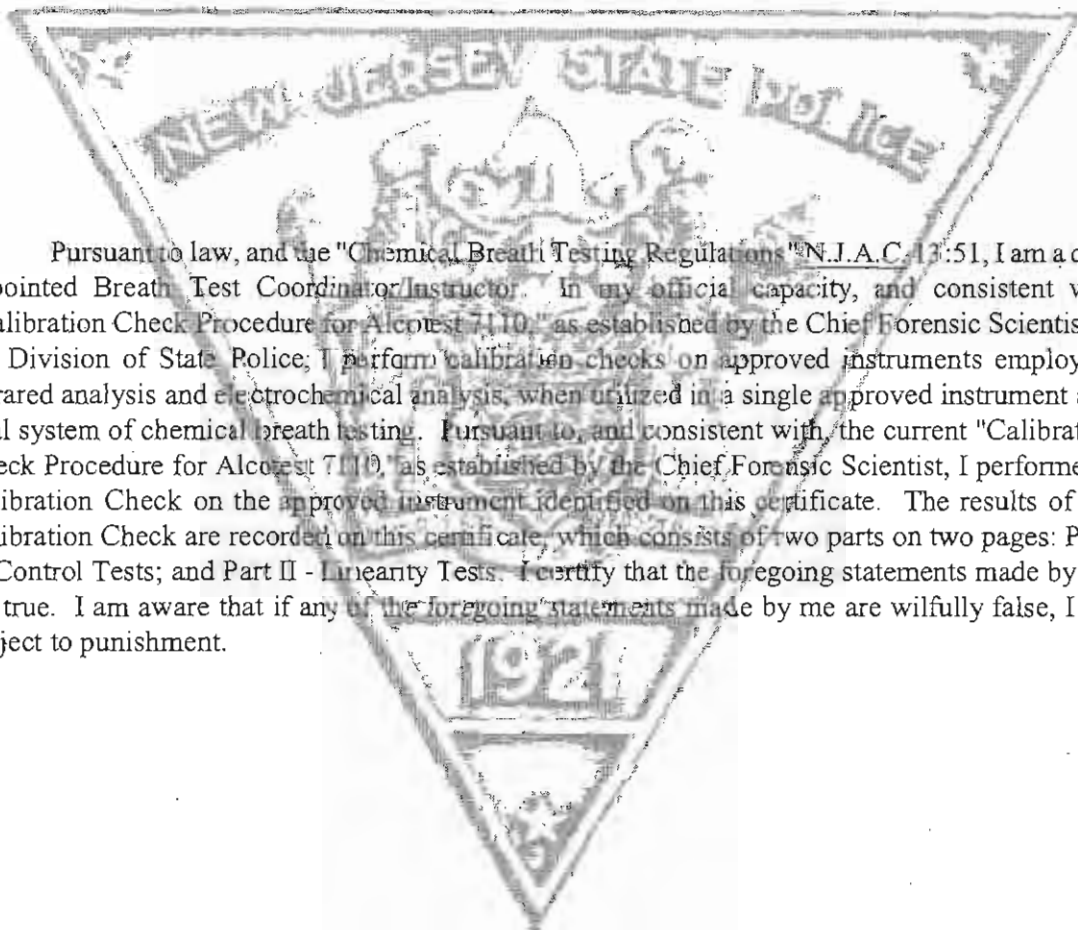
Alcotest 7110 MKIII-C  
Location: STRATFORD POLICE DEPT. Serial No.: ARNK-0039  
Calibration File No.: 01957 Calib. Date: 10/20/2014 Calib. No.: 00030  
Certification File No.: 01836 Cert. Date: 05/09/2014 Cert. No.: 00020  
Linearity File No.: 01837 Lin. Date: 05/09/2014 Lin. No.: 00019  
Solution File No.: 01949 Soln. Date: 10/11/2014 Soln. No.: 00212  
Sequential File No.: 01957 File Date: 10/20/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0163  
Control Solution %: 0.100% Expires: 09/17/2015  
Solution Control Lot: 131122 Bottle No.: 0780

## Coordinator

Last Name: GIBSON First Name: MICHAEL MI: P  
Signature: *M. F. Michael P. Gibson #6353* Badge No.: 6353  
Date: 10/20/2014

\*Black Key Temperature Probe Serial.....# DDLHP1-0073 (MP)  
\*Digital NIST Temperature Measuring System Serial.....# 130754751 (MP)



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.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 01957 Calib. Date: 10/20/2014 Calib. No.: 00030  
Certification File No.: 01958 Cert. Date: 10/20/2014 Cert. No.: 00021  
Linearity File No.: 01837 Lin. Date: 05/09/2014 Lin. No.: 00019  
Solution File No.: 01949 Soln. Date: 10/11/2014 Soln. No.: 00212  
Sequential File No.: 01958 File Date: 10/20/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0163  
Control Solution %: 0.100% Expires: 09/17/2015  
Solution Control Lot: 13I122 Bottle No.: 0780

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:55D		
Control 1 EC	0.099%	12:56D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:57D		
Control 2 EC	0.099%	12:57D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:58D		
Control 3 EC	0.099%	12:59D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	12:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:00D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature:

*John Z. Michael P. Gibson #6353*

Badge No.: 6353

Date: 10/20/2014

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.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 01957 Calib. Date: 10/20/2014 Calib. No.: 00030  
Certification File No.: 01958 Cert. Date: 10/20/2014 Cert. No.: 00021  
Linearity File No.: 01959 Lin. Date: 10/20/2014 Lin. No.: 00020  
Solution File No.: 01949 Soln. Date: 10/11/2014 Soln. No.: 00212  
Sequential File No.: 01959 File Date: 10/20/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0001  
Control Solution %: 0.040% Expires: 09/13/2015  
Solution Control Lot: 13I120 Bottle No.: 0552

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002  
Control Solution %: 0.080% Expires: 09/16/2015  
Solution Control Lot: 13I121 Bottle No.: 0816

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007  
Control Solution %: 0.160% Expires: 08/05/2016  
Solution Control Lot: 14H131 Bottle No.: 0321

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:08D		
Control 1 EC	0.041%	13:08D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 2 EC	0.040%	13:10D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		
Control 3 EC	0.081%	13:12D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	13:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:14D		
Control 4 EC	0.080%	13:15D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:16D		
Control 5 EC	0.158%	13:17D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:18D		
Control 6 EC	0.158%	13:19D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	13:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:20D		

All tests within acceptable tolerance.

### Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature: *J.P. Michael E. Gibson #6353*

Badge No.: 6353

Date: 10/20/2014

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

Michael P. Gibson  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C** A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 14th DAY OF June

TWO THOUSAND AND Five

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1 12/3/07	OCPA	Wm Lora
2 3-13-09	GCPA	Wm Lora
3 2-3-11	OCPA	Wm Lora
4 10-16-13	GCPA	Wm Lora
5.		
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 08/08)

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

Michael Gibson  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE **Breath Test Coordinator/Instructor** A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 10th DAY OF June

TWO THOUSAND AND Eleven

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

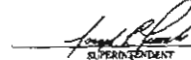
S.P. 2938 (Rev. 03/10)

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

MICHAEL P. GIBSON  
NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE **BREATHALYZER** A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 22nd DAY OF October

TWO THOUSAND AND FOUR

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 07/21 TO 07/25/2003

DATE	Refresher Course PLACE	INSTRUCTOR
1. 7-14-06	OCPA	Wm Lora
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2938 (Rev. 08/03)

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

Michael P. Gibson  
North Wildwood City Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE **Breathalyzer** A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF July

TWO THOUSAND AND 03

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2938 (Rev. 06/03)





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

PAULA T. DOW  
*Attorney General*

STEPHEN J. TAYLOR  
*Director*

June 10, 2011

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 - Trooper Michael Gibson #6353

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 Trooper Michael Gibson #6353, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Paula Dow  
Attorney General

- c. Trooper Michael Gibson #6353, Alcohol/Drug Test Unit, Division of State Police  
Lt. Craig Potter, Unit Head, Alcohol/Drug Test Unit, Division of State Police





# CERTIFICATE

This is to certify that

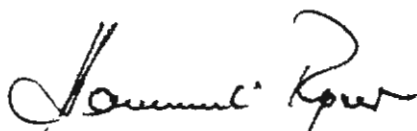
**Michael P. Gibson #6353**

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 18, 2011

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

**Dräger**



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

POST OFFICE BOX 7068

WEST TRENTON, NJ 08628-0068

(609) 882-2000

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

JOHN J. HOFFMAN  
Acting Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.040 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:** 10/25/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 131120

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 0.0489 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, 2015.

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

Sworn to and subscribed before me this 28<sup>th</sup> day of October, 2013.

Notary



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(609) 882-2000

CHRIS CHRISTIE  
Governor

KIM GUADAGNO  
Lt. Governor

JOHN J. HOFFMAN  
Acting Attorney General

COLONEL JOSEPH R. FUENTES  
Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.080 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:** 10/31/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 131121

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 0.0971 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 16, 2015.

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 1st day of November, 2013.

Mary E. McLaughlin  
Notary

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



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 DEPARTMENT OF LAW AND PUBLIC SAFETY  
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 (609) 882-2000

CHRIS CHRISTIE  
 Governor  
 KIM GUADAGNO  
 Lt. Governor

JOHN J. HOFFMAN  
 Acting Attorney General  
 COLONEL JOSEPH R. FUENTES  
 Superintendent

**CERTIFICATION OF ANALYSIS**  
**0.10 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: 10/23/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131122

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1222 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 17, 2015.

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 20<sup>th</sup> day of October, 2013.

Lynda L. De Santis  
 Notary



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KIM GUADAGNO  
*Lt. Governor*

JOHN J. HOFFMAN  
*Acting Attorney General*  
  
COLONEL JOSEPH R. FUENTES  
*Superintendent*

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

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

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 8/14/2014

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 5, 2016.

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

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

Sworn to and subscribed before me this 18<sup>th</sup> day of August, 2014.

Notary  
**MARY ELIZABETH MCLAUGHLIN**

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



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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:

DDCB-0001

Certification Date

9-19-14

Technician

BC

Re-Certification Due Date

9-19-15



**Dräger**

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

**Draeger Safety Diagnostics, Inc.**

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

Serial Number:

DDBN-0007

Certification Date

9-22-14

Technician

BC

Re-Certification Due Date

9-22-15

# 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

DDLHP1-0073

Certification date:

9-19-14

Next Certification due:

9-19-15

Probe Value

103

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

BC



# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARNK-0039  
Location: STRATFORD POLICE DEPT.  
Calibration File No.: 01957 Calib. Date: 10/20/2014 Calib. No.: 00030  
Certification File No.: 01958 Cert. Date: 10/20/2014 Cert. No.: 00021  
Linearity File No.: 01959 Lin. Date: 10/20/2014 Lin. No.: 00020  
Solution File No.: 01960 Soln. Date: 10/20/2014 Soln. No.: 00213  
Sequential File No.: 01960 File Date: 10/20/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUL S3-0163  
Control Solution %: 0.100% Expires: 12/26/2014  
Solution Control Lot: 12L109 Bottle No.: 0401

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:44D		
Control 1 EC	0.101%	14:44D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:45D		
Control 2 EC	0.099%	14:46D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	14:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:46D		
Control 3 EC	0.099%	14:47D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:48D		

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: DDUJ P2-030 (MPS)

**Changed By:**

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature: *M. I. Michael P. Gibson #6353*

Badge No.: 6353

Date: 10/20/2014



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*Governor*

JEFFREY S. CHIESA  
*Attorney General*

KIM GUADAGNO  
*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 0.1174 to 0.1246 grams per 100 milliliters of solution.

**MANUFACTURER:** Draeger Safety, Inc.

**ANALYSIS DATE:** 1/17/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 12L109

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1228 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 December 26, 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 18<sup>th</sup> day of January, 2013.

Notary



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