

Alcotest 7110 Calibration Record

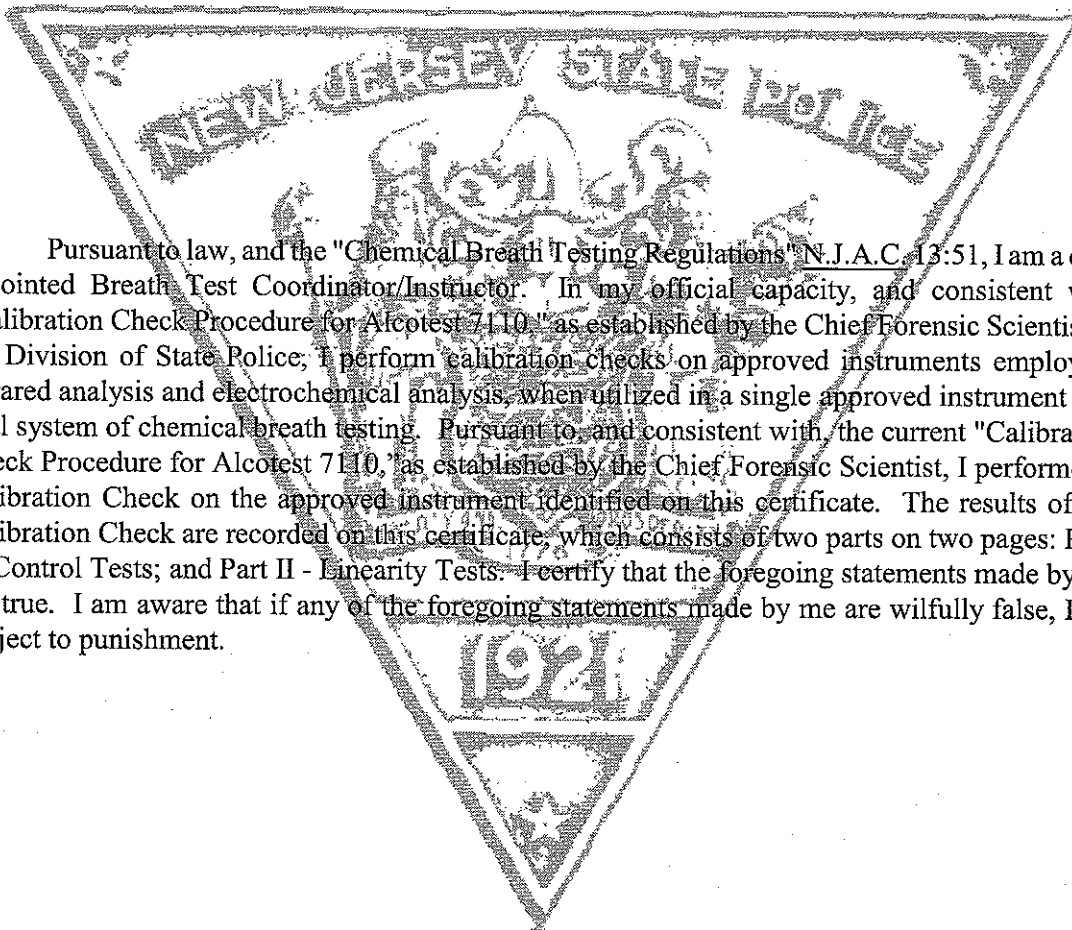
Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.
Calibration File No.: 01684 Calib. Date: 08/29/2013 Calib. No.: 00022
Certification File No.: 01610 Cert. Date: 04/05/2013 Cert. No.: 00018
Linearity File No.: 01611 Lin. Date: 04/05/2013 Lin. No.: 00018
Solution File No.: 01682 Soln. Date: 08/26/2013 Soln. No.: 00161
Sequential File No.: 01684 File Date: 08/29/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUN S3-0338
Control Solution %: 0.100% Expires: 02/13/2015
Solution Control Lot: 13B110 Bottle No.: 1164

Coordinator

Last Name: GIBSON First Name: MICHAEL MI: P
Signature: *J.P. Michael P. Gibson #6353* Badge No.: 6353
Date: 08/29/2013

*Black Key Temperature Probe Serial.....# DDLHP1-0073 (MDA)
*Digital NIST Temperature Measuring System Serial.....# 122156348 (MDA)



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.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.
Calibration File No.: 01684 Calib. Date: 08/29/2013 Calib. No.: 00022
Certification File No.: 01685 Cert. Date: 08/29/2013 Cert. No.: 00019
Linearity File No.: 01611 Lin. Date: 04/05/2013 Lin. No.: 00018
Solution File No.: 01682 Soln. Date: 08/26/2013 Soln. No.: 00161
Sequential File No.: 01685 File Date: 08/29/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUN S3-0338
Control Solution %: 0.100% Expires: 02/13/2015
Solution Control Lot: 13B110 Bottle No.: 1164

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:59D		
Control 1 EC	0.101%	10:00D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:01D		
Control 2 EC	0.100%	10:01D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:02D		
Control 3 EC	0.101%	10:03D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:03D		

All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature: 

Badge No.: 6353

Date: 08/29/2013

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
Location: PENNSAUKEN TWSP. P.D. Serial No.: ARUM-0066
Calibration File No.: 01684 Calib. Date: 08/29/2013 Calib. No.: 00022
Certification File No.: 01685 Cert. Date: 08/29/2013 Cert. No.: 00019
Linearity File No.: 01686 Lin. Date: 08/29/2013 Lin. No.: 00019
Solution File No.: 01682 Soln. Date: 08/26/2013 Soln. No.: 00161
Sequential File No.: 01686 File Date: 08/29/2013

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0001
Control Solution %: 0.040% Expires: 08/24/2014
Solution Control Lot: 12H104 Bottle No.: 0993

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002
Control Solution %: 0.080% Expires: 08/27/2014
Solution Control Lot: 12H105 Bottle No.: 0986

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007
Control Solution %: 0.160% Expires: 09/10/2014
Solution Control Lot: 12I106 Bottle No.: 0992

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:09D		
Control 1 EC	0.041%	10:09D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	10:09D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:11D		
Control 2 EC	0.040%	10:11D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.041%	10:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:13D		
Control 3 EC	0.079%	10:13D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	10:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:15D		
Control 4 EC	0.080%	10:15D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	10:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:17D		
Control 5 EC	0.160%	10:17D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.158%	10:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:19D		
Control 6 EC	0.159%	10:20D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	10:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:21D		


All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature: 

Badge No.: 6353

Date: 08/29/2013

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARUM-0066
Location:	PENNSAUKEN TWSP. P.D.	
Calibration File No.:	01684	Calib. Date: 08/29/2013
Certification File No.:	01685	Calib. No.: 00022
Linearity File No.:	01686	Cert. Date: 08/29/2013
Solution File No.:	01687	Cert. No.: 00019
Sequential File No.:	01687	Lin. Date: 08/29/2013
		Lin. No.: 00019
		Soln. Date: 08/29/2013
		Soln. No.: 00162
		File Date: 08/29/2013
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUN S3-0338
Solution Control Lot:	13C111	Expires: 03/12/2015
		Bottle No.: 0321

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:25D		
Control 1 EC	0.103%	11:26D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.103%	11:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:26D		
Control 2 EC	0.103%	11:27D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:28D		
Control 3 EC	0.103%	11:28D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	11:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:29D		

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: DDUJP2-143 (MAB)

Changed By:

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature: *Michael P. Gibson #6353*

Badge No.: 6353

Date: 08/29/2013



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:

DDUN 53-0338

Certification Date

8-20-13

Technician

BC

Re-Certification Due Date

8-20-14

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

DDUN P2-143

Certification date:

8-20-13

Next Certification due:

8-20-14

Probe Value

105

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:

DDCB-0001

Certification Date

Technician

Re-Certification Due Date

2-6-13

BC

2-6-14



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-0002

Certification Date

Technician

Re-Certification Due Date

2-5-13

BC

2-5-14



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:

DDBN-0007

Certification Date

Technician

Re-Certification Due Date

2-6-13

BC

2-6-14

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:

DDLHP1-0073

02/05/13

02/05/14

Probe Value

103

Dräger Safety Diagnostics, Inc.
Technical Service Department

SY



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-4253786

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: 122156348 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	01641	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-231	A79341		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	3039	2/14/13	6-BN9WZ-1-1

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 3/15/12 Cal Due: 3/15/14
Test Conditions: 23.5°C 52.0 %RH 1021 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.000	0.001	Y	-0.050	0.050	0.013	3.8:1
°C		N.A.		25.001	24.999	Y	24.951	25.051	0.014	3.6:1
°C		N.A.		59.999	60.000	Y	59.949	60.049	0.018	2.8:1
°C		N.A.		100.002	100.002	Y	99.952	100.052	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

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Wallace Berry
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 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-HOU-ANAB.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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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 (609) 882-2000

CHRIS CHRISTIE
 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: 3/6/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13B110

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1234 to 0.1241 grams per 100 milliliters of solution.

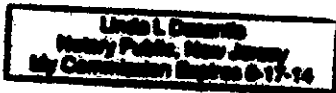
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration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

Sworn to and subscribed before me this 7th day of March, 2013.

Notary



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 Governor

KIM GUADAGNO
 Lt. Governor

JEFFREY S. CHIESA
 Attorney General

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: 9/26/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H104

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0487 to 0.0491 grams per 100 milliliters of solution.

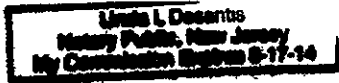
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 24, 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 5th day of October, 2012.

Linda L. Desantis
 Notary



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KIM GUADAGNO
 Lt. Governor

COLONEL JOSEPH R. FUENTES
 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: 9/27/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H105

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 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 27, 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 5th day of October, 2012.

Joseph R. Fuentes
 Notary

Joseph R. Fuentes
 Notary Public, New Jersey
 My Commission Expires 8-17-14



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Lt. Governor

JEFFREY S. CHIESA

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: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12I106

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 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 10, 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.

Handwritten signature of Ali M. Alaouie

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

Sworn to and subscribed before me this 5th day of October, 2012.

Handwritten signature of Joseph R. Fuentes
Notary



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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: 4/4/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13C111

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1225 to 0.1232 grams per 100 milliliters of solution.

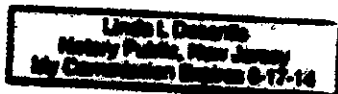
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 12, 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. Alaouié, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9th day of April, 2013.

Linda L. DeLuca
Notary



"An Internationally Accredited Agency"

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



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 1966 IN THE OPERATION OF THE **Alcotest 7110 MKII-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. <u>12-3-07</u>	<u>OCPA</u>	<u>Wm Horn</u>
2. <u>3-13-09</u>	<u>OCPA</u>	<u>Wm Horn</u>
3. <u>2-3-11</u>	<u>OCPA</u>	<u>Wm Horn</u>
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 06/03)

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 1966 IN THE OPERATION OF THE **Breath Test Coordinator/Instructor** A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 18th 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. 293B (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 1966 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. <u>7-14-06</u>	<u>OCPA</u>	<u>Wm Horn</u>
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____
9. _____	_____	_____

S.P. 293B (Rev. 06/03)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Michael P. Gibson
North Woodbury City Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE **Breathalyzer** A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 25th 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. 293B (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:

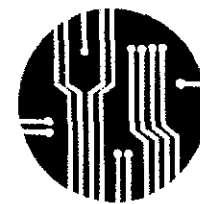
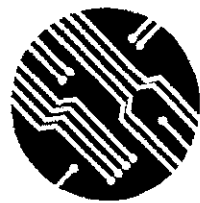
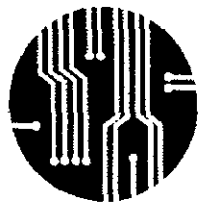
Pursuant to the provisions of *N.J.A.C.* 13:51-2.1 (b) and (c), as adopted and promulgated under the provisions of *N.J.S.A.* 39:4-50.3, 39:3-10.25 and 12:7-56, I hereby approve Trooper Michael Gibson #6353, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

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

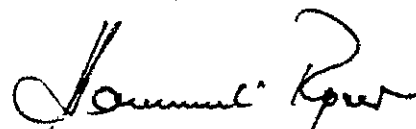
Michael P. Gibson #6353

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



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:

DDUN 53-0338

Certification Date

8-20-13

Technician

BC

Re-Certification Due Date

8-20-14

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

DDUS P2-143

Certification date:

8-20-13

Next Certification due:

8-20-14

Probe Value

105

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

Packing Slip

Customer no Order No Order date
 150056355 10645884 08/20/2013

Packing slip no. Ship date
 80797352 08/20/2013

Please reference on inquiries

ship to
 150049890
 PENNSAUKEN TOWNSHIP
 MUNICIPAL COMPLEX
 2400 BETHEL AVENUE
 PENNSAUKEN, NJ 08109
 USA

bill to

Your Purchase Order Number
 08/20/2013
 RECERT/RECAL
 Any questions? Please contact:
 MARA HERRERA

Customer
 PENNSAUKEN POLICE DEPARTMENT
 ATTN: CHRIS SULZBACH
 CAMDEN COUNTY
 2400 BETHEL AVENUE
 PENNSAUKEN, NJ 08109-2792
 USA

Your sales person
 Don Pouliot
 Phone: 973-398-3228

Delivery terms
 FA
 FREIGHT ALLOWED

Page 1 / 2 Complete delivery

Item#	sh. Quant.	Part no. Description			
		Ship via: Fed Ex Ground			
		NOTE: All claims for shortages/defects must be reported within 10 Business days after receipt of order. All returns must have our RMA# clearly marked on the box. Please call Customer Service at 866-385-5900.			
		SIM: DDUNS3-0338 PROBE: DDUJP2-143			
0010	1 EA	MPCERT CERTIFICATION CHARGE SIMULATOR Ordered / Back ordered : 1 / 0 EA			
0020	1 EA	MPCALTP CAL CHARGE, SIM PROBE Ordered / Back ordered : 1 / 0 EA			

Draeger Safety Diagnostics Inc.
 Accounting Address:
 101 Technology Drive
 Pittsburgh, PA 15275
 Tel: (412) 788-5537
 Fax: (412) 788-5598

Remit Wire Transfers To:
 Citizens Bank
 Acct. # 6209426615
 Acct. Name: Draeger Safety Diagnostics Inc.
 Transit Number: 036076150
 Federal ID Number: 84-1600159

REMIT TO:
 Draeger Safety Diagnostics Inc.
 P.O. Box 200337
 Pittsburgh, PA 15251-0337

Packing Slip

Customer no Order No Order date
150056355 10645884 08/20/2013

Packing slip no. Ship date
80797352 08/20/2013

Please reference on inquiries

Page 2 / 2 Complete delivery

Item#	sh. Quant.	Part no. Description			
0030	1 EA	12043 HOSE PUMP-SIM W/SIM-CUVETTE HOSE 2" Ordered / Back ordered : 1 / 0 EA			
0040	1 EA	FREIGHT Freight Charges Ordered / Back ordered : 1 / 0 EA			

Packing Slip

Customer no Order No Order date
 150056355 10644401 08/13/2013

Packing slip no. Ship date
 80795647 08/13/2013

Please reference on inquiries

ship to

150049890
 PENNSAUKEN TOWNSHIP
 MUNICIPAL COMPLEX
 2400 BETHEL AVENUE
 PENNSAUKEN, NJ 08109
 USA

bill to



Your Purchase Order Number

08/13/2013
 RECERT/RECAL
 Any questions? Please contact:
 MARA HERRERA

Customer
 PENNSAUKEN POLICE DEPARTMENT
 ATTN: CHRIS SULZBACH
 CAMDEN COUNTY
 2400 BETHEL AVENUE
 PENNSAUKEN, NJ 08109-2792
 USA

Your sales person

Don Pouliot
 Phone: 973-398-3228

Delivery terms
 FA
 FREIGHT ALLOWED

Page 1 / 2 Complete delivery

Item#	sh. Quant.	Part no. Description			
		Ship via: Fed Ex Ground			
		NOTE: All claims for shortages/defects must be reported within 10 Business days after receipt of order. All returns must have our RMA# clearly marked on the box. Please call Customer Service at 866-385-5900.			
		SIM: DDUNS3-0341 PROBE: DDUJP2-138			
0010	1 EA	MPCERT CERTIFICATION CHARGE SIMULATOR Ordered / Back ordered : 1 / 0 EA			
0020	1 EA	MPCALTP CAL CHARGE, SIM PROBE Ordered / Back ordered : 1 / 0 EA			

Draeger Safety Diagnostics Inc.
 Accounting Address:
 101 Technology Drive
 Pittsburgh, PA 15275
 Tel: (412) 788-5537
 Fax: (412) 788-5598

Remit Wire Transfers To:
 Citizens Bank
 Acct. # 6209426615
 Acct. Name: Draeger Safety Diagnostics Inc.
 Transit Number: 036076150
 Federal ID Number: 84-1600159

REMIT TO:
 Draeger Safety Diagnostics Inc.
 P.O. Box 200337
 Pittsburgh, PA 15251-0337

Packing Slip

Customer no Order No Order date
150056355 10644401 08/13/2013

Packing slip no. Ship date
80795647 08/13/2013
Please reference on inquiries

Page 2 / 2 Complete delivery

Item#	sh. Quant.	Part no. Description			
0030	1 EA	12043 HOSE PUMP-SIM W/SIM-CUVETTE HOSE 2" Ordered / Back ordered : 1 / 0 EA			
0040	1 EA	FREIGHT Freight Charges Ordered / Back ordered : 1 / 0 EA			



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:

DDUN53-0341

Certification Date

8-13-13

Technician

BC

Re-Certification Due Date

8-13-14

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

DDUS P2-138

Certification date:

8-13-13

Next Certification due:

8-13-14

Probe Value

107

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

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

DDUS P2-143

Certification date:

8-20-13

Next Certification due:

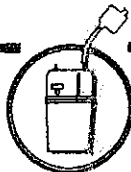
8-20-14

Probe Value

105

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:

DDUN S3-0338

Certification Date

8-20-13

Technician

BC

Re-Certification Due Date

8-20-14