

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01471 Calib. Date: 12/04/2017 Calib. No.: 00042
Certification File No.: 01446 Cert. Date: 07/26/2017 Cert. No.: 00028
Linearity File No.: 01447 Lin. Date: 07/26/2017 Lin. No.: 00027
Solution File No.: 01470 Soln. Date: 11/14/2017 Soln. No.: 00224
Sequential File No.: 01471 File Date: 12/04/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0363
Control Solution %: 0.100% Expires: 10/10/2018
Solution Control Lot: 16270 Bottle No.: 0523

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L
Signature: Sgt Michelle Goncalves #6040 Badge No.: 6040
Date: 12/04/2017

*Black Key Temperature Probe Serial.....# DDXKP2-398 (MC)
*Digital NIST Temperature Measuring System Serial.....# 170309355 (MC)

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.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01471 Calib. Date: 12/04/2017 Calib. No.: 00042
Certification File No.: 01472 Cert. Date: 12/04/2017 Cert. No.: 00029
Linearity File No.: 01447 Lin. Date: 07/26/2017 Lin. No.: 00027
Solution File No.: 01470 Soln. Date: 11/14/2017 Soln. No.: 00224
Sequential File No.: 01472 File Date: 12/04/2017

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0363
Control Solution %: 0.100% Expires: 10/10/2018
Solution Control Lot: 16270 Bottle No.: 0523

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:34S		
Control 1 EC	0.099%	10:35S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:36S		
Control 2 EC	0.099%	10:36S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:36S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:37S		
Control 3 EC	0.099%	10:38S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:38S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:38S		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Goncalves #6040

Badge No.: 6040

Date: 12/04/2017

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

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01471 **Calib. Date:** 12/04/2017 **Calib. No.:** 00042
Certification File No.: 01472 **Cert. Date:** 12/04/2017 **Cert. No.:** 00029
Linearity File No.: 01473 **Lin. Date:** 12/04/2017 **Lin. No.:** 00028
Solution File No.: 01470 **Soln. Date:** 11/14/2017 **Soln. No.:** 00224
Sequential File No.: 01473 **File Date:** 12/04/2017

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0012
Control Solution %: 0.040% **Expires:** 09/19/2018
Solution Control Lot: 16230 **Bottle No.:** 0841

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0015
Control Solution %: 0.080% **Expires:** 09/27/2018
Solution Control Lot: 16250 **Bottle No.:** 0302

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDRK S3-0025
Control Solution %: 0.160% **Expires:** 10/03/2018
Solution Control Lot: 16260 **Bottle No.:** 0382

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:49S		
Control 1 EC	0.041%	10:50S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	10:50S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:51S		
Control 2 EC	0.041%	10:52S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	10:52S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:53S		
Control 3 EC	0.081%	10:54S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	10:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:56S		
Control 4 EC	0.080%	10:56S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	10:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:58S		
Control 5 EC	0.160%	10:58S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	10:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:00S		
Control 6 EC	0.160%	11:00S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	11:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02S		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES

First Name: MICHELLE

MI: L

Signature: Sgt. Michelle Helms #6040

Badge No.: 6040

Date: 12/04/2017

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0382
Location: WEST WINDSOR POLICE
Calibration File No.: 01471 **Calib. Date:** 12/04/2017 **Calib. No.:** 00042
Certification File No.: 01472 **Cert. Date:** 12/04/2017 **Cert. No.:** 00029
Linearity File No.: 01473 **Lin. Date:** 12/04/2017 **Lin. No.:** 00028
Solution File No.: 01474 **Soln. Date:** 12/04/2017 **Soln. No.:** 00225
Sequential File No.: 01474 **File Date:** 12/04/2017

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWJ S3-0363
Control Solution %: 0.100% **Expires:** 06/28/2019
Solution Control Lot: 17200 **Bottle No.:** 0824

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:23S		
Control 1 EC	0.100%	12:24S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	12:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:24S		
Control 2 EC	0.100%	12:25S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:26S		
Control 3 EC	0.100%	12:26S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:27S		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDWAP2-216 (MA)

Changed By:

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040 Date: 12/04/2017

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

Serial Number Temp Probe: DDWA Pa-216 Certification Date: 10-6-17 Next Certification Due: 10-6-18

Probe Value: 101 Draeger, Inc. BC

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDW JS3-0363

Certification Date: 10-6-17 Technician: BC Re-Certification Due Date: 10-6-18

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:

12-3-15

SERIAL NUMBER:

ARWF-0382

Dräger Safety Diagnostics, Inc.

BC



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

CHRISTOPHER S. PORRINO
Attorney General
COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 09/21/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1220 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 14, 2019.

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.

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

Sworn to and subscribed before me this 22nd day of September, 2017.

Notary Public
PETER F. MURPHY IV
My Commission Expires August 1, 2019



An Internationally Accredited Agency

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





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

CHRISTOPHER S. PORRINO
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: 07/13/2017

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17200

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1208 to 0.1225 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 June 28, 2019.

As Forensic 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 Monica Tramontin

Monica Tramontin
Forensic Scientist III
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 14th day of July, 2017.

Handwritten signature of Mary Elizabeth McLaughlin
Notary

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



"An Internationally Accredited Agency"

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





Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-8497880

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: 170309355 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5267	12/06/17	B6B30059
Temperature Calibration Bath TC-191	A42238		
Thermistor Module	A27129	12/01/17	1000401760
Temperature Probe	5202	12/19/17	B6B30058-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Probe	5356	1/10/18	B7104024
Readout, Digital Thermometer	B5C344	3/12/18	B7314035
Temperature Calibration Bath TC-275	B16388		
Thermistor Probe	5357	1/06/18	B7104023
Readout, Digital Thermometer	B5C344	3/12/18	B7314035

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 4/26/17 Due Date: 4/26/19
Test Conditions: 24.3°C 62.0 %RH 1000 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.002	0.001	Y	-0.048	0.052	0.010	>4:1
°C		N.A.		25.000	25.001	Y	24.950	25.050	0.010	>4:1
°C		N.A.		50.001	50.001	Y	49.951	50.051	0.010	>4:1
°C		N.A.		100.003	99.999	Y	99.953	100.053	0.010	>4:1

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Aaron Judice
Aaron Judice, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2008-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

DEPARTMENT OF
Traffic and Public Safety
 Office for the Traffic Dept.

Michelle J. Gonçalves
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT SUCH TESTS IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 14 OF
 TITLE 17 OF THE STATUTES OF THE STATE OF NEW JERSEY, PURSUANT TO CHAPTER 14 OF
 THE LAWS OF 1946 IN THE OPERATION OF THE Breath Test 7110 MKIII-C
 METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 15th DAY OF December

TWO THOUSAND AND ELVEN

[Signature]
 SUPERVISOR
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-3-13	GC PA	Wm Hess
2. 9/17/15	GC PA	Adam Stankovic
3. 3/8/17	LAKEHURST	Adam Stankovic
4.		
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Traffic and Public Safety
 Office for the Traffic Dept.

Michelle J. Gonçalves
 New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT SUCH TESTS IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 14 OF
 TITLE 17 OF THE STATUTES OF THE STATE OF NEW JERSEY, PURSUANT TO CHAPTER 14 OF
 THE LAWS OF 1946 IN THE OPERATION OF THE Breath Test Coordinator/Instructor
 METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF March

TWO THOUSAND AND Twelve

[Signature]
 SUPERVISOR
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

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

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDRKS3-0012

Certification Date:

9-26-17

Technician:

BC

Re-Certification Due Date:

9-26-18

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDRKS3-0015

Certification Date:

9-26-17

Technician:

BC

Re-Certification Due Date:

9-26-18

Dräger

Simulator

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, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:
DDRKS30025

Certification Date: 9-26-17 Technician: BC Re-Certification Due Date: 9-26-18

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

Serial Number Temp Probe: DDXKP2-398 Certification Date: 9-8-17 Next Certification Due: 9-8-18

Probe Value: 105 Draeger, Inc. BC



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

CHRISTOPHER S. PORRINO
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: 10/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 to 0.1220 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is October 10, 2018.

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

[Handwritten signature]

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

Sworn to and subscribed before me this 20 day of October, 2016.

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



"An Internationally Accredited Agency"

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





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 08623-0068
 (609) 882-2000

CHRISTOPHER S. PORRINO
 Attorney General

COLONEL JOSEPH R. FUENTES
 Superintendent

CHRIS CHRISTIE
 Governor

KIM GUADAGNO
 Lt. Governor

CERTIFICATION OF ANALYSIS
0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

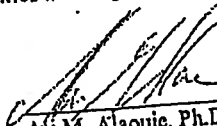
ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

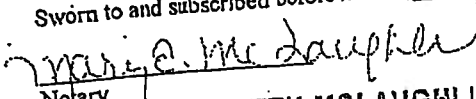
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

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

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


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

Sworn to and subscribed before me this 28th day of September, 2016.


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



"An Internationally Accredited Agency"

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





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

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CERTIFICATION OF ANALYSIS
0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

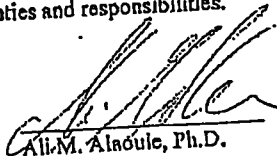
ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

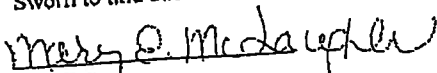
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 27, 2018.

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


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

Sworn to and subscribed before me this 5th day of October, 2016.


Notary

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



"An Internationally Accredited Agency"

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





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 08621-0068
(609) 882-2000

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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.

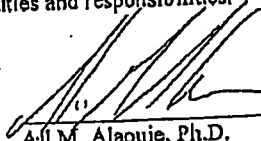
ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

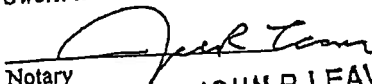
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 grams per 100 milliliters of solution.

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

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


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

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


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



"An Internationally Accredited Agency"
New Jersey Is An Equal Opportunity Employer.
Printed on Recycled Paper and Recyclable

