

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: SEASIDE HEIGHTS POLICE
Serial No.: ARWJ-0018
Calibration File No.: 01583
Certification File No.: 01532
Linearity File No.: 01533
Solution File No.: 01582
Sequential File No.: 01583
Calib. Date: 02/16/2018
Cert. Date: 10/12/2017
Lin. Date: 10/12/2017
Soln. Date: 02/08/2018
File Date: 02/16/2018
Calib. No.: 00035
Cert. No.: 00025
Lin. No.: 00025
Soln. No.: 00271

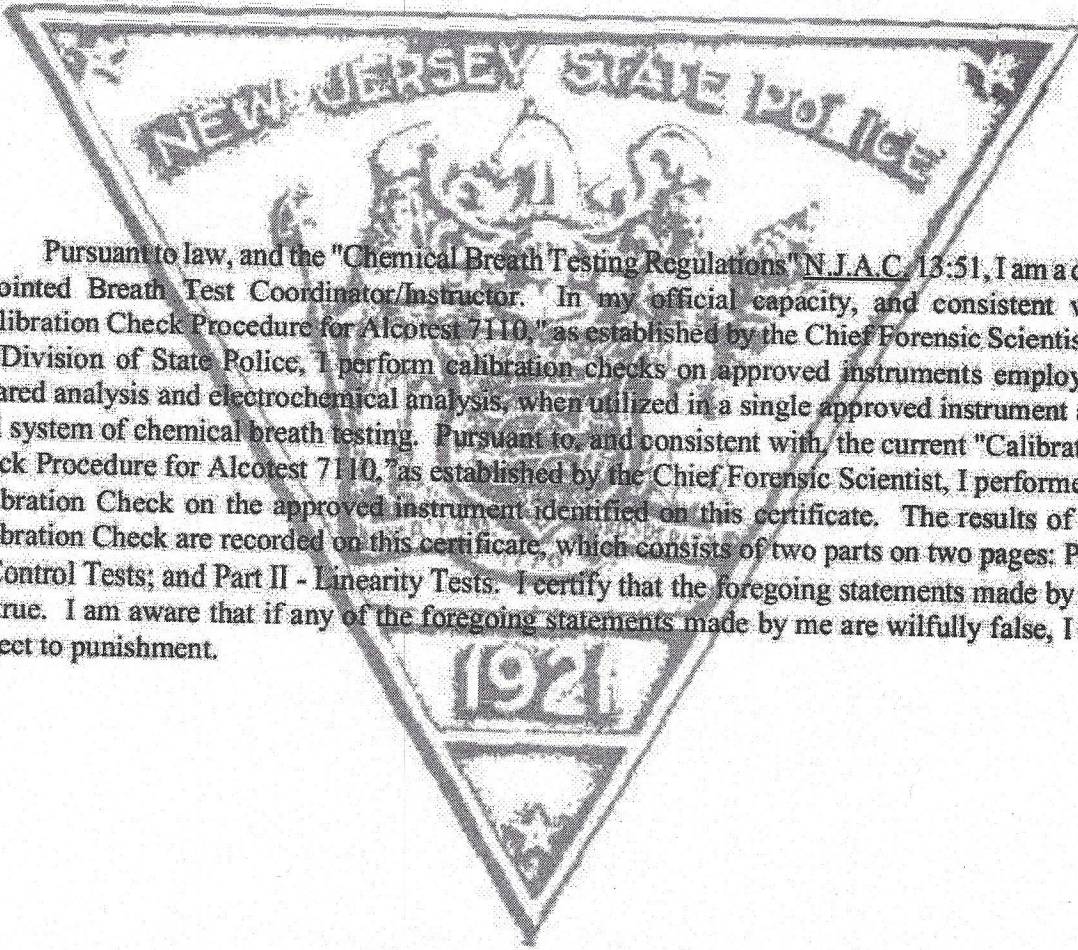
Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 16220
Model No.: CU-34
Serial No.: DDWL S3-0440
Expires: 09/07/2018
Bottle No.: 1208

Coordinator

Last Name: ALCOTT
First Name: KEVIN
MI: W.
Signature: T.P. I R W. #6704
Badge No.: 6704
Date: 02/16/2018

*Black Key Temperature Probe Serial.....# MAXK P2- 396 (KA)

*Digital NIST Temperature Measuring System Serial.....# 170 428 368 (KA)



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.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01583 Calib. Date: 02/16/2018 Calib. No.: 00035
Certification File No.: 01584 Cert. Date: 02/16/2018 Cert. No.: 00026
Linearity File No.: 01533 Lin. Date: 10/12/2017 Lin. No.: 00025
Solution File No.: 01582 Soln. Date: 02/08/2018 Soln. No.: 00271
Sequential File No.: 01584 File Date: 02/16/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0440
Control Solution %: 0.100% Expires: 09/07/2018
Solution Control Lot: 16220 Bottle No.: 1208

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:04S		
Control 1 EC	0.099%	08:04S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:05S		
Control 2 EC	0.098%	08:06S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	08:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:07S		
Control 3 EC	0.097%	08:07S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	08:07S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:08S		

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpr. I. K. W. #6704

Badge No.: 6704

Date: 02/16/2018

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.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01583 **Calib. Date:** 02/16/2018 **Calib. No.:** 00035
Certification File No.: 01584 **Cert. Date:** 02/16/2018 **Cert. No.:** 00026
Linearity File No.: 01585 **Lin. Date:** 02/16/2018 **Lin. No.:** 00026
Solution File No.: 01582 **Soln. Date:** 02/08/2018 **Soln. No.:** 00271
Sequential File No.: 01585 **File Date:** 02/16/2018

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWE S3-0206
Control Solution %: 0.040% **Expires:** 09/19/2018
Solution Control Lot: 16230 **Bottle No.:** 1110

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWF S3-0218
Control Solution %: 0.080% **Expires:** 09/27/2018
Solution Control Lot: 16250 **Bottle No.:** 0304

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWJ S3-0334
Control Solution %: 0.160% **Expires:** 10/03/2018
Solution Control Lot: 16260 **Bottle No.:** 0834

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:15S		
Control 1 EC	0.041%	08:16S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	08:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:17S		
Control 2 EC	0.041%	08:18S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	08:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:19S		
Control 3 EC	0.081%	08:20S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	08:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:22S		
Control 4 EC	0.080%	08:22S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	08:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:24S		
Control 5 EC	0.160%	08:25S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	08:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:26S		
Control 6 EC	0.159%	08:27S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	08:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:29S		

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpt. I AK W. Q #6704

Badge No.: 6704

Date: 02/16/2018

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWJ-0018
Location: SEASIDE HEIGHTS POLICE
Calibration File No.: 01583 Calib. Date: 02/16/2018 Calib. No.: 00035
Certification File No.: 01584 Cert. Date: 02/16/2018 Cert. No.: 00026
Linearity File No.: 01585 Lin. Date: 02/16/2018 Lin. No.: 00026
Solution File No.: 01586 Soln. Date: 02/16/2018 Soln. No.: 00272
Sequential File No.: 01586 File Date: 02/16/2018

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWL S3-0440
Control Solution %: 0.100% Expires: 12/11/2019
Solution Control Lot: 17420 Bottle No.: 0487

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:34S		
Control 1 EC	0.100%	09:35S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	09:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:36S		
Control 2 EC	0.100%	09:36S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:36S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:37S		
Control 3 EC	0.100%	09:38S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	09:38S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39S		

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: ΔΔWJ P2-063 (KA)

Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpr. I K W. #6704

Badge No.: 6704

Date: 02/16/2018

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:

DDWES3-0206

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)
Draeger, Inc.

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

Serial Number:

DDWFS3-0218

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:
DDWJ 53-0334

Certification Date:
9-27-17

Technician:
BC

Re-Certification Due Date:
9-27-18

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: DDXK P2-396 Certification Date: 9-8-17 Next Certification Due: 9-8-18

Probe Value: 104 Draeger, Inc. BC



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-8609168

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: 170428368 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: 6/08/17 Due Date: 6/08/19
Test Conditions: 23.5°C 50.0 %RH 1014 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.		25.003	25.000	Y	24.953	25.053	0.010	>4.1
°C		N.A.		50.002	50.001	Y	49.952	50.052	0.010	>4.1
°C		N.A.		100.001	99.998	Y	99.951	100.051	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= $\pm(\text{Max-Min})/2$; 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-01895-2008-AQ-HOU-RVA
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) 862-2000

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: Dräger Safety, Inc.

ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 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 07, 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. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19th day of September, 2016.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

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



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Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. POKRINO
Attorney General

COLONEL JOSEPH R. FLIPPES
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: Dräger 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.

Ali M. Alsaoude, 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



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Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

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: 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. Alacoule, 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



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Lt. Governor

CHRISTOPHER S. POKRINO
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: Dräger 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 13 day of October, 2016.

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



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DIVISION OF STATE POLICE
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(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

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: 01/24/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 17420

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1216 to 0.1230 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 11, 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.

[Handwritten signature of Ali M. Alaoui]

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

Sworn to and subscribed before me this 25th day of January, 2018.

[Handwritten signature of Mary E. McLaughlin]

Notary
MARY ELIZABETH MCLAUGHLIN
ID # 2052100
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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DEPARTMENT OF
Traffic and Public Safety
Wishes to be certified that

Kevin W. Alcott

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT THE BREATH TESTS NECESSARY TO CHARGE AN INDIVIDUAL WITH THE VIOLATION OF THE
LAW OF THIS STATE IN THE OPERATION OF A MOTOR VEHICLE
AS REFERRED TO IN SECTION 17-28 OF THE STATUTES OF THE STATE OF NEW JERSEY
BY SIGNING MY NAME AT CERTIFICATES NEW JERSEY

Alcott: 7110 MKIII-C
21st DAY OF May

THIS THIRTEENTH AND Fifteen

[Signature]
DEPARTMENT OF
TRAFFIC AND PUBLIC SAFETY

[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. 2038 (Rev. 07/15)

DEPARTMENT OF
Traffic and Public Safety
Wishes to be certified that

KEVIN W. ALCOTT

NEW JERSEY POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT THE BREATH TESTS NECESSARY TO CHARGE AN INDIVIDUAL WITH THE VIOLATION OF THE
LAW OF THIS STATE IN THE OPERATION OF A MOTOR VEHICLE
AS REFERRED TO IN SECTION 17-28 OF THE STATUTES OF THE STATE OF NEW JERSEY
BY SIGNING MY NAME AT CERTIFICATES NEW JERSEY

Alcott: 7110 MKIII-C
10th DAY OF APRIL

THIS THIRTEENTH AND EIGHT

[Signature]
DEPARTMENT OF
TRAFFIC AND PUBLIC SAFETY

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8-25-10	BCPA	A. Jay
2. 1-12-12	BEVERLY SPA	C.D.
3. 1-16-14	SAYREVILLE	A. Jay
4. 1/21/16	LAKEHURST	Adam Stanley
5. 1/16/18	LAKEHURST	Adam Stanley
6.		
7.		
8.		
9.		

S.P. 2038 (Rev. 07/07)

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:

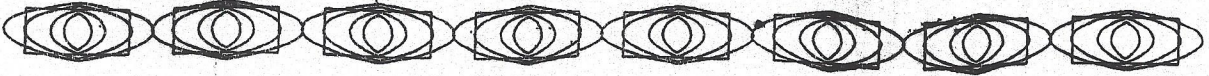
10-12-16

SERIAL NUMBER:

ARWJ-0018

Dräger Safety Diagnostics, 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 (FR Vol 59 No 249 12/19/94 Notices) Draeger, Inc.

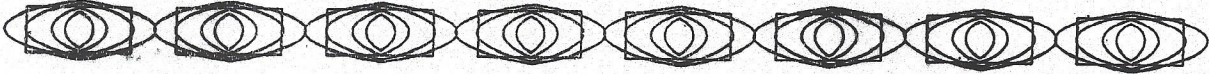
- Model: ALCOTEST CU34
- Model: MARK IIA
- Other: _____

Serial Number:
DDWLS3-0440

Certification Date:
8/28/17

Technician:
72

Re-Certification Due Date:
8/28/18



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
DDWJP2-063

Certification Date:
8/28/17

Next Certification Due:
8/28/18

Probe Value:
100

Draeger, Inc. 72

