

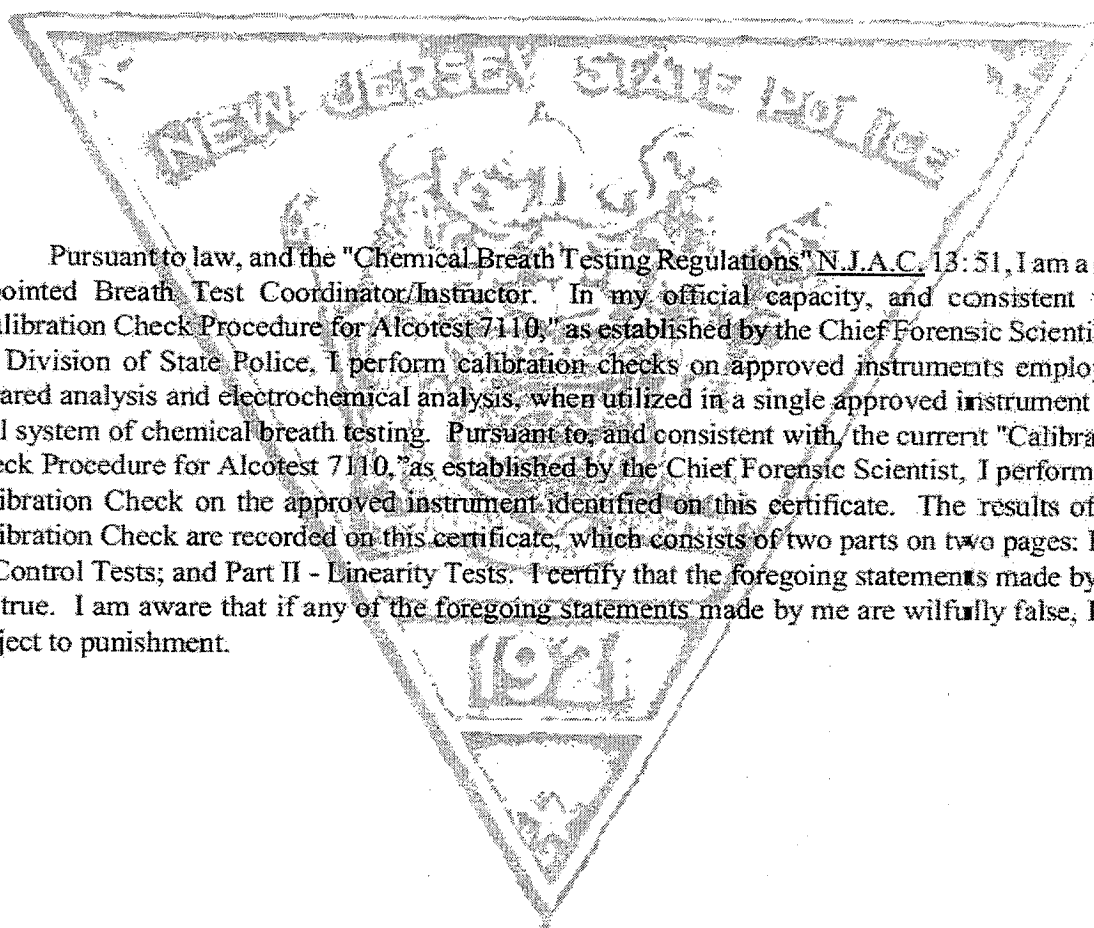
Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWM-0092
Location:	VERONA POLICE DEPT.		
Calibration File No.:	00670	Calib. Date:	01/29/2020
Certification File No.:	00620	Calib. No.:	00038
Linearity File No.:	00621	Cert. Date:	08/28/2019
Solution File No.:	00668	Cert. No.:	00028
Sequential File No.:	00670	Lin. Date:	08/28/2019
		Lin. No.:	00028
		Soln. Date:	12/25/2019
		Soln. No.:	00190
		File Date:	01/29/2020
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXA S3-0068
Solution Control Lot:	18220	Expires:	07/23/2020
		Bottle No.:	0485

Coordinator

Last Name: NAPOLITANO First Name: DAVID MI: M.
Signature: *David Napolitano* 7237 Badge No.: 7237
Date: 01/29/2020

*Black Key Temperature Probe Serial.....# : DDXK P2-396 ②
*Digital NIST Temperature Measuring System Serial.....# 191 959 016 ②



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
Location: VERONA POLICE DEPT. Serial No.: ARWM-0092
Calibration File No.: 00670 Calib. Date: 01/29/2020 Calib. No.: 00038
Certification File No.: 00671 Cert. Date: 01/29/2020 Cert. No.: 00029
Linearity File No.: 00621 Lin. Date: 08/28/2019 Lin. No.: 00028
Solution File No.: 00668 Soln. Date: 12/25/2019 Soln. No.: 00190
Sequential File No.: 00671 File Date: 01/29/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0068
Control Solution %: 0.100% Expires: 07/23/2020
Solution Control Lot: 18220 Bottle No.: 0485

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:47S		
Control 1 EC	0.099%	08:47S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:47S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:48S		
Control 2 EC	0.098%	08:49S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:49S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:50S		
Control 3 EC	0.098%	08:50S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:50S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:51S		

All tests within acceptable tolerance.

Coordinator

Last Name: NAPOLITANO First Name: DAVID MI: M.

Signature: *T. D. Napolitano* 7237 Badge No.: 7237
Date: 01/29/2020

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.: ARWM-0092
Location: VERONA POLICE DEPT.
Calibration File No.: 00670 Calib. Date: 01/29/2020 Calib. No.: 00038
Certification File No.: 00671 Cert. Date: 01/29/2020 Cert. No.: 00029
Linearity File No.: 00672 Lin. Date: 01/29/2020 Lin. No.: 00029
Solution File No.: 00668 Soln. Date: 12/25/2019 Soln. No.: 00190
Sequential File No.: 00672 File Date: 01/29/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0206
Control Solution %: 0.040% Expires: 07/31/2020
Solution Control Lot: 18240 Bottle No.: 0424

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0218
Control Solution %: 0.080% Expires: 08/06/2020
Solution Control Lot: 18250 Bottle No.: 0137

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0334
Control Solution %: 0.160% Expires: 08/21/2020
Solution Control Lot: 18260 Bottle No.: 0355

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:59S		
Control 1 EC	0.042%	09:00S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.037%	09:00S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:02S		
Control 2 EC	0.040%	09:02S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.038%	09:02S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:04S		
Control 3 EC	0.081%	09:05S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	09:05S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:07S		
Control 4 EC	0.080%	09:07S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	09:07S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09S		
Control 5 EC	0.157%	09:10S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.155%	09:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:12S		
Control 6 EC	0.158%	09:12S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.157%	09:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:14S		

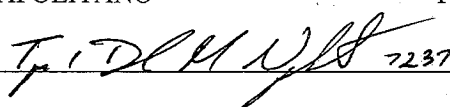
All tests within acceptable tolerance.

Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 01/29/2020

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWM-0092
Location:	VERONA POLICE DEPT.	
Calibration File No.:	00670	Calib. Date: 01/29/2020
Certification File No.:	00671	Cert. No.: 00038
Linearity File No.:	00672	Cert. Date: 01/29/2020
Solution File No.:	00673	Lin. No.: 00029
Sequential File No.:	00673	Soln. Date: 01/29/2020
		Soln. No.: 00191
		File Date: 01/29/2020

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDXA S3-0068
Control Solution %:	0.100%		Expires: 09/26/2020
Solution Control Lot:	18320		Bottle No.: 1055

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:21S		
Control 1 EC	0.099%	10:21S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:21S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:22S		
Control 2 EC	0.099%	10:23S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:23S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:24S		
Control 3 EC	0.099%	10:25S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:25S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:26S		

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.

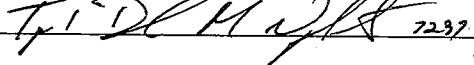
Temperature Probe Serial Number: DDWJ P2-210 (21)

Changed By:

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:  7237

Badge No.: 7237

Date: 01/29/2020

**Alcotest 7110 MKIII-C Calibration
NIST-Traceable Digital Thermometer Readings**

Coordinator:

TR. 1 DAVID M. NAPOLITANO
Name

7237
Badge No.

Location:

VERONA POLICE DEPT.
Agency

ARWM-0092
Alcotest Serial No.

Equipment:

191 959 016
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDWE 53-0206	0738 S	0839 S	34.0 °C
0.08%	DDWF 53-0218	0738 S	0839 S	34.0 °C
0.10%	DDXA 53-0068	0738 S	0840 S	34.0 °C
0.16%	DDWJ 53-0334	0738 S	0841 S	34.0 °C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius ± 0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

T. D. M. Napolitano 7237
Coordinator's Signature

1.29.20
Date

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

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDWES3-0206

Certification Date:

7-19-19

Technician:

BS

Re-Certification Due Date:

7-19-20

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

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDWFS3-0218

Certification Date:

7-19-19

Technician:

BS

Re-Certification Due Date:

7-19-20

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
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDW)S30334

Certification Date:

7-19-19

Technician:

BS

Re-Certification Due Date:

7-19-20

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:

DDXKP2-396

Certification Date:

7-18-19

Next Certification Due:

7-18-20

Probe Value:

10.4

Dräger, Inc.

BS



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



Cert. No.: 4000-10177835

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: 191959016 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 13 Feb 2019 Cal Due Date: 13 Feb 2021
 Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.000	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.001	100.004	Y	99.951	100.051	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

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;

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Aaron Justice
Aaron Justice, Technical Manager

Note:

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 Thermometer 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 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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-GL, Certificate No. CERT-01805-2006-AQ-HOU-RwA.
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

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

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2008-AQ-HOU-FvA
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
 WEST TRENTON, NJ 08628-0668
 (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: 07/31/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 to 0.1233 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 July 23, 2020.

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

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

Sworn to and subscribed before me this 1st day of August, 2018.

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

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Dräger Safety, Inc.

ANALYSIS DATE: 08/28/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 31, 2020.

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 29th day of August, 2018.

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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Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 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 06, 2020.

As Assistant Chief 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 4th day of September, 2018.

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

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 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: 09/13/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 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 August 21, 2020.

As Assistant Chief 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.

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15th day of September 2018.
Mary E. McLaughlin
Notary

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



An Internationally Accredited Agency

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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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 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: 10/09/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1213 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 September 26, 2020.

As Assistant Chief 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19th day of October, 2018.

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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Printed on Recycled Paper and Recyclable



DEPARTMENT OF
Traffic and Public Safety
This is to certify that

David M. Napolitano

Breath Test Coordinator/Instructor

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 MKIII-C**

A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

TWO THOUSAND AND EIGHTEEN

[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. 2538 (Rev. 01/11)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

David M. Napolitano
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 MKIII-C**

A METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 7th DAY OF October

TWO THOUSAND AND TEN

[Signature]
SUPERVISOR
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6/30/12	CAPE MAY P.O.	Adam Stankis
2. 11/6/14	LCPS	Adam Stankis
3. 6/23/16	CMFA	Adam Stankis
4. 1/16/18	LAKE HURON	Adam Stankis
5.		
6.		
7.		
8.		
9.		

S.P. 2506 (Rev. 03/10)

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:

3-14-16

SERIAL NUMBER:

ARWM-0092

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

- Model: ALCOTEST CU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDXA53-0068

Certification Date:

10-15-19

Technician:

BS

Re-Certification Due Date:

10-15-20

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:

DDW\Pa-210

Certification Date:

10-15-19

Next Certification Due:

10-15-20

Probe Value:

100

Draeger, Inc.

BS

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: VERONA POLICE DEPT. Serial No.: ARWM-0092
Calibration File No.: 00680 Calib. Date: 06/01/2020 Calib. No.: 00040
Certification File No.: 00671 Cert. Date: 01/29/2020 Cert. No.: 00029
Linearity File No.: 00672 Lin. Date: 01/29/2020 Lin. No.: 00029
Solution File No.: 00679 Soln. Date: 04/15/2020 Soln. No.: 00194
Sequential File No.: 00680 File Date: 06/01/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0065
Control Solution %: 0.100% Expires: 10/14/2021
Solution Control Lot: 19270 Bottle No.: 0362

Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR. N.A. #7413

Badge No.: 7413

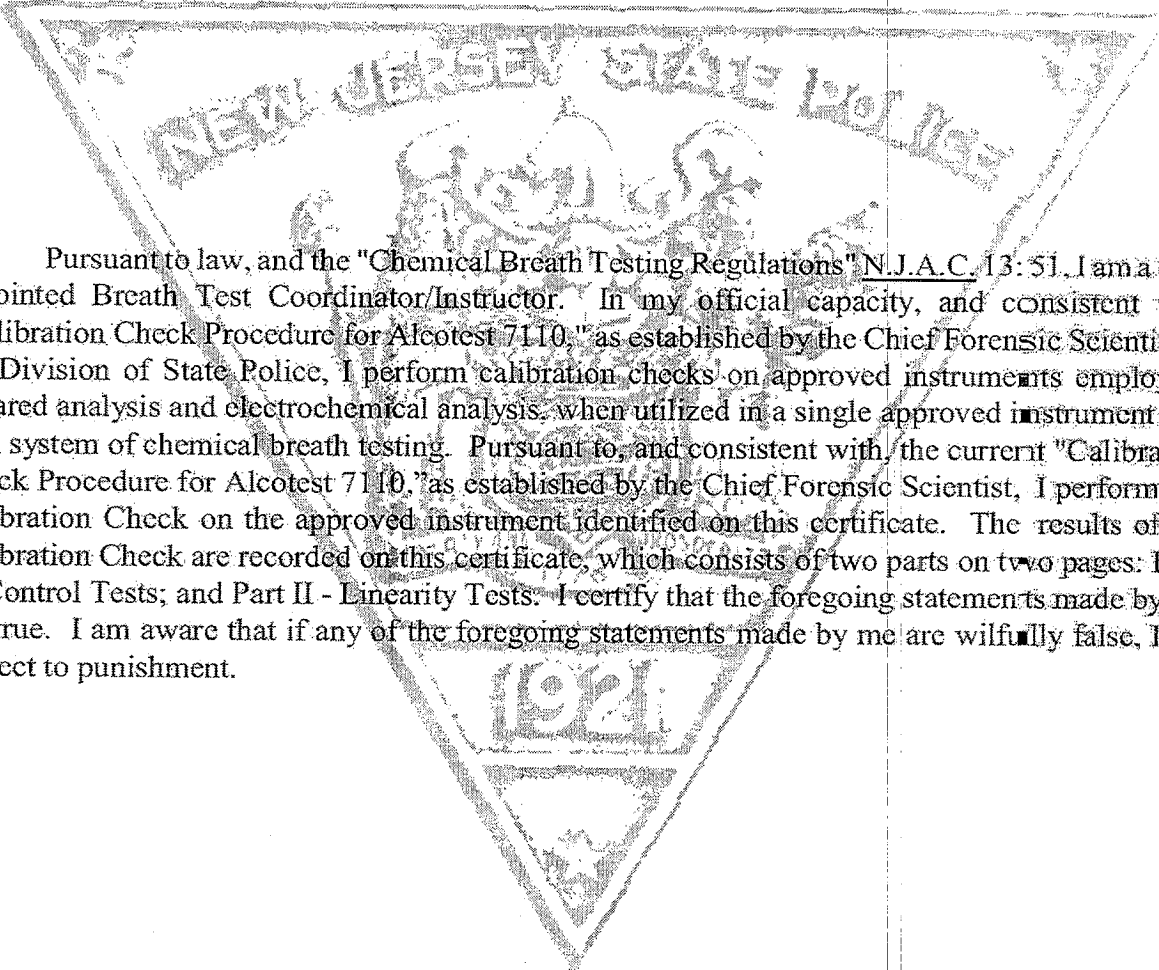
Date: 06/01/2020

*Black Key Temperature Probe Serial.....#

DDHH P2-055 (NM)

*Digital NIST Temperature Measuring System Serial.....#

191957489 (NM)



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
Location: VERONA POLICE DEPT. Serial No.: ARWM-0092
Calibration File No.: 00680 Calib. Date: 06/01/2020 Calib. No.: 00040
Certification File No.: 00681 Cert. Date: 06/01/2020 Cert. No.: 00030
Linearity File No.: 00672 Lin. Date: 01/29/2020 Lin. No.: 00029
Solution File No.: 00679 Soln. Date: 04/15/2020 Soln. No.: 00194
Sequential File No.: 00681 File Date: 06/01/2020

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0065
Control Solution %: 0.100% Expires: 10/14/2021
Solution Control Lot: 19270 Bottle No.: 0362

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:28D		
Control 1 EC	0.099%	10:29D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:29D		
Control 2 EC	0.100%	10:30D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:30D		
Control 3 EC	0.100%	10:31D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:31D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:31D		

All tests within acceptable tolerance.

Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: TPR. AA #7413

Badge-No.: 7413

Date: 06/01/2020

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.:	ARWM-0092
Location:	VERONA POLICE DEPT.	Calib. No.:	00040
Calibration File No.:	00680	Cert. No.:	00030
Certification File No.:	00681	Lin. No.:	00030
Linearity File No.:	00682	Soln. No.:	00194
Solution File No.:	00679	File Date:	06/01/2020
Sequential File No.:	00682		
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDWE S3-0196
Solution Control Lot:	18240	Expires:	07/31/2020
		Bottle No.:	1291
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDXD S3-0191
Solution Control Lot:	18250	Expires:	08/06/2020
		Bottle No.:	0199
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDWE S3-0205
Solution Control Lot:	18260	Expires:	08/21/2020
		Bottle No.:	1286

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:55D		
Control 1 EC	0.040%	10:55D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	10:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:56D		
Control 2 EC	0.040%	10:57D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.038%	10:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:58D		
Control 3 EC	0.080%	10:59D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.076%	10:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:00D		
Control 4 EC	0.080%	11:01D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.076%	11:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02D		
Control 5 EC	0.158%	11:03D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.156%	11:03D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:04D		
Control 6 EC	0.160%	11:05D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	11:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:06D		

All tests within acceptable tolerance.

Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

Signature: _____

TPR. N.A. #7413

Badge No.: 7413

Date: 06/01/2020

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWM-0092
Location:	VERONA POLICE DEPT.	
Calibration File No.:	00680	Calib. Date: 06/01/2020
Certification File No.:	00681	Calib. No.: 00040
Linearity File No.:	00682	Cert. Date: 06/01/2020
Solution File No.:	00683	Cert. No.: 00030
Sequential File No.:	00683	Lin. Date: 06/01/2020
		Lin. No.: 00030
		Soln. Date: 06/01/2020
		Soln. No.: 00195
		File Date: 06/01/2020
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXA S3-0065
Solution Control Lot:	18320	Expires: 09/26/2020
		Bottle No.: 1085

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:19D		
Control 1 EC	0.101%	12:20D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:21D		
Control 2 EC	0.101%	12:21D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:22D		
Control 3 EC	0.101%	12:22D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	12:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:23D		

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: DDWJ P2-208 (NM)

Changed By:

Last Name: MIMIKOS First Name: NICHOLAS MI: E.

Signature: TPR. N.A. #7413 Badge No.: 7413

Date: 06/01/2020

**Alcotest 7110 MKIII-C Calibration
NIST-Traceable Digital Thermometer Readings**

Coordinator:

TPR. Nicholas E. Mimikos
Name

7413
Badge No.

Location:

Verona Police Dept.
Agency

ARWM-0092
Alcotest Serial No.

Equipment:

191957489
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDWE S3-0196	08:59D	10:18D	34.0°C
0.08%	DDXD S3-0191	08:59D	10:19D	34.0°C
0.10%	DDXA S3-0065	08:59D	10:20D	34.0°C
0.16%	DDWE S3-0205	08:59D	10:21D	33.9°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius \pm 0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

TPR. N.E. Mimikos #7413
Coordinator's Signature

6/1/2020
Date



Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 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's specifications.

Certification Date: Serial Number:

04/15/2020 ARWM-0092

Draeger, Inc. 



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



Cert. No.: 4000-10176214

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: 191957489

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104

Procedure: CAL-06

Cal Date: 13 Feb 2019

Cal Due Date: 13 Feb 2021

Test Conditions: 37.61%RH 23.29°C 1026mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.001	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.002	99.998	Y	99.952	100.052	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

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;

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 Thermometer 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 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10176214

Traceable® Certificate of Calibration for Digital Thermometer

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

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDWES3-0196

Certification Date:

Technician:

Re-Certification Due Date:

3-10-20

M

3-10-21

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
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDXDS3-0191

Certification Date:

Technician:

Re-Certification Due Date:

3-9-20

M

3-9-21

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

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDWES3-0205

Certification Date:

3.10.20

Technician:

ML

Re-Certification Due Date:

3.10.21

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:

DDH H P2-055

Certification Date:

3.11.20

Next Certification Due:

3.11.21

Probe Value:

104

Dräger, Inc.

[Signature]

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
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDXA S3-0065

Certification Date:

3/13/20

Technician:

BS / MFB

Re-Certification Due Date:

3/13/21

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:

DDWJ P2-208

Certification Date:

3/13/20

Next Certification Due:

3/13/21

Probe Value:

104

Draeger, Inc.

BS

/ MFB



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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 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: 10/21/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19270

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 0.1232 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 October 14, 2021.

As Assistant Chief 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of October, 2019.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 08/28/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 31, 2020.

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 29th day of August, 2018.

[Handwritten signature of Mary Elizabeth McLaughlin]
Notary

MARY ELIZABETH MCLAUGHLIN

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



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Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 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 06, 2020.

As Assistant Chief 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 4th day of September, 2018.

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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Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 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: 09/13/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 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 August 21, 2020.

As Assistant Chief 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18th day of September 2018.

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

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 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: 10/09/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18320

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1213 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 September 26, 2020.

As Assistant Chief 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.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19th day of October, 2018.

Notary

MARY ELIZABETH MCLAUGHLIN

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



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DEPARTMENT OF
Transportation and Public Safety
 This is to certify that

NICHOLAS E. MIMIKOS
NEW JERSEY STATE POLICE


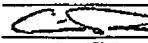

IS QUALIFIED AND COMPETENT TO CONDUCT COURSE IN BRUITS AND DRUGS PURSUANT TO CHAPTER 142 OF
 THE LAWS OF 1966 IN THE OPERATION OF THE **ALCOHOLIST 7110 MKIII-C**
 A METHOD TO DETERMINE INTOXICATION
 GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, ON THE 23rd DAY OF **OCTOBER**

TWO THOUSAND AND **FOURTEEN**


 SUPERINTENDENT
 NEW JERSEY STATE POLICE


 ACTING ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 6-3-16	BERGEN C.P.A.	
2. 1-19-18	BERGEN C.P.A.	
3. 2-20-20	BERGEN C.P.A.	
4.		
5.		
6.		
7.		
8.		
9.		

DEPARTMENT OF
Traffic and Public Safety
 This is to certify that

Nicholas E. Mimikos

Breath Test Coordinator/Instructor

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 MKIII-C

A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October

TWO THOUSAND AND Eighteen


 COLONEL
 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. 01/18)

Serial Number Temp Probe: DDWJ P2-208
 Certification Date: 3/13/20
 Next Certification Due: 3/13/21
 Probe Value: 104
 Dräger, Inc. BS [Signature]

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with
 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.

CERTIFICATE OF ACCURACY

Alcotest 7110 Temperature Probe



Certification Date: 3/13/20
 Technician: BS [Signature]
 Re-Certification Due Date: 3/13/21

Model: ALCOTEST CU34
 Model: MARK IIA
 Model: X-Cal 2000 (Alcosim)
 Other:
 Serial Number: DDXA 53-0065

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.

CERTIFICATE OF ACCURACY

Simulator

