Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00752	Calib. Date:	09/12/2023	Calib. No.:	00043
Certification File No.:	00753	Cert. Date:	09/12/2023	Cert. No.:	00038
Linearity File No.:	00754	Lin. Date:	09/12/2023	Lin. No.:	00038
Solution File No.:	00766	Soln. Date:	01/05/2024	Soln. No.:	00265
Sequential File No.:	00766	File Date:	01/05/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1139

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:49S		
Control 1 EC	0.102%	12:49S	33.8°C	*** TEST PASSED ***
Control 1 IR	0.102%	12:49S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:50S		
Control 2 EC	0.101%	12:51S	33.8°C	*** TEST PASSED ***
Control 2 IR	0.101%	12:51S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:51S		
Control 3 EC	0.101%	12:52S	33.8°C	*** TEST PASSED ***
Control 3 IR	0.101%	12:52S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:53S		

All tests within acceptable tolerance.

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

Changed By:

Last Name: MAERTEN First Name: CPL MI: R

Signature: CPL #3407 Badge No.: 3407

Date: 01/05/2024

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00752	Calib. Date:	09/12/2023	Calib. No.:	00043
Certification File No.:	00753	Cert. Date:	09/12/2023	Cert. No.:	00038
Linearity File No.:	00754	Lin. Date:	09/12/2023	Lin. No.:	00038
Solution File No.:	00765	Soln. Date:	12/05/2023	Soln. No.:	00264
Sequential File No.:	00765	File Date:	12/05/2023		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1141

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:53S		
Control 1 EC	0.101%	08:54S	33.8°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:54S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:55S		
Control 2 EC	0.100%	08:55S	33.8°C	*** TEST PASSED ***
Control 2 IR	0.101%	08:55S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56S		
Control 3 EC	0.100%	08:56S	33.8°C	*** TEST PASSED ***
Control 3 IR	0.102%	08:56S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:57S		

All tests within acceptable tolerance.

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

Changed By:

Last Name: MAERTEN First Name: CPL MI: R

Signature: Cpl Z #3407 Badge No.: 3407

Date: 12/05/2023

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00752	Calib. Date:	09/12/2023	Calib. No.:	00043
Certification File No.:	00753	Cert. Date:	09/12/2023	Cert. No.:	00038
Linearity File No.:	00754	Lin. Date:	09/12/2023	Lin. No.:	00038
Solution File No.:	00763	Soln. Date:	11/07/2023	Soln. No.:	00263
Sequential File No.:	00763	File Date:	11/07/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1136

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	01:05S		
Control 1 EC	0.099%	01:06S	33.8°C	*** TEST PASSED ***
Control 1 IR	0.100%	01:06S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:06S		
Control 2 EC	0.098%	01:07S	33.8°C	*** TEST PASSED ***
Control 2 IR	0.100%	01:07S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:08S		
Control 3 EC	0.098%	01:08S	33.8°C	*** TEST PASSED ***
Control 3 IR	0.099%	01:08S	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:09S		

All tests within acceptable tolerance.

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

Changed By:
Last Name: MAERTEN First Name: CPL MI: R

Signature: CPL #3407 Badge No.: 3407

Date: 11/07/2023

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00752	Calib. Date:	09/12/2023	Calib. No.:	00043
Certification File No.:	00753	Cert. Date:	09/12/2023	Cert. No.:	00038
Linearity File No.:	00754	Lin. Date:	09/12/2023	Lin. No.:	00038
Solution File No.:	00760	Soln. Date:	10/09/2023	Soln. No.:	00262
Sequential File No.:	00760	File Date:	10/09/2023		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1146

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:17D		
Control 1 EC	0.101%	09:18D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:18D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18D		
Control 2 EC	0.101%	09:19D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:19D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:20D		
Control 3 EC	0.100%	09:20D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.102%	09:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:21D		

All tests within acceptable tolerance.

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

Changed By:

Last Name: MAERTEN First Name: CPL MI: R

Signature: Cpl 97-3407 Badge No.: 3407

Date: 10/09/2023

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C			Serial No.: ARNK-0038
Location:	EASTAMPTON TOWNSHIP		
Calibration File No.:	00752	Calib. Date: 09/12/2023	Calib. No.: 00043
Certification File No.:	00730	Cert. Date: 04/10/2023	Cert. No.: 00037
Linearity File No.:	00731	Lin. Date: 04/10/2023	Lin. No.: 00037
Solution File No.:	00751	Soln. Date: 09/03/2023	Soln. No.: 00260
Sequential File No.:	00752	File Date: 09/12/2023	
Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDUK S3-0130
Control Solution %:	0.100%		Expires: 07/05/2024
Solution Control Lot:	22240		Bottle No.: 1318

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: JBH #7750 Badge No.: 7750

Date: 09/12/2023

*Black Key Temperature Probe Serial.....# DDLB P3-0112 JBH

*Digital NIST Temperature Measuring System Serial.....# 221 473 009 JBH

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

Location: Alcotest 7110 MKIII-C EASTAMPTON TOWNSHIP

Serial No.: ARNK-0038

Calibration File No.:	00752	Calib. Date: 09/12/2023	Calib. No.: 00043
Certification File No.:	00753	Cert. Date: 09/12/2023	Cert. No.: 00038
Linearity File No.:	00731	Lin. Date: 04/10/2023	Lin. No.: 00037
Solution File No.:	00751	Soln. Date: 09/03/2023	Soln. No.: 00260
Sequential File No.:	00753	File Date: 09/12/2023	

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDUK S3-0130
Control Solution %:	0.100%		Expires: 07/05/2024
Solution Control Lot:	22240		Bottle No.: 1318

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:51D		
Control 1 EC	0.099%	12:52D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:52D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:52D		
Control 2 EC	0.100%	12:53D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:53D		
Control 3 EC	0.100%	12:54D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:54D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:55D		

All tests within acceptable tolerance.

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: JBH 7750 Badge No.: 7750

Date: 09/12/2023

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

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00752	Calib. Date:	09/12/2023	Calib. No.:	00043
Certification File No.:	00753	Cert. Date:	09/12/2023	Cert. No.:	00038
Linearity File No.:	00754	Lin. Date:	09/12/2023	Lin. No.:	00038
Solution File No.:	00751	Soln. Date:	09/03/2023	Soln. No.:	00260
Sequential File No.:	00754	File Date:	09/12/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDBN-0007
Control Solution %:	0.040%			Expires:	07/19/2024
Solution Control Lot:	22250			Bottle No.:	0398

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDAE-0016
Control Solution %:	0.080%			Expires:	07/28/2024
Solution Control Lot:	22270			Bottle No.:	0238

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCN-0051
Control Solution %:	0.160%			Expires:	08/04/2024
Solution Control Lot:	22290			Bottle No.:	1236

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:08D		
Control 1 EC	0.040%	13:08D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:08D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:10D		
Control 2 EC	0.039%	13:10D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		
Control 3 EC	0.078%	13:12D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:14D		
Control 4 EC	0.079%	13:14D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:14D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:16D		
Control 5 EC	0.155%	13:16D	33.8°C	*** TEST PASSED ***
Control 5 IR	0.157%	13:16D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:18D		
Control 6 EC	0.154%	13:18D	33.8°C	*** TEST PASSED ***
Control 6 IR	0.157%	13:18D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:20D		

All tests within acceptable tolerance.

Coordinator

Last Name: HALL — First Name: JOSHUA — MI: B

Signature: JHall #7750 — Badge No.: 7750

Date: 09/12/2023

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00752	Calib. Date:	09/12/2023	Calib. No.:	00043
Certification File No.:	00753	Cert. Date:	09/12/2023	Cert. No.:	00038
Linearity File No.:	00754	Lin. Date:	09/12/2023	Lin. No.:	00038
Solution File No.:	00755	Soln. Date:	09/12/2023	Soln. No.:	00261
Sequential File No.:	00755	File Date:	09/12/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1138

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:33D		
Control 1 EC	0.101%	14:34D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:34D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:34D		
Control 2 EC	0.101%	14:35D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	14:35D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:36D		
Control 3 EC	0.101%	14:36D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:36D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:37D		

All tests within acceptable tolerance.

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

Temperature Probe Serial Number: DDSF P2- 04138 JBH

Changed By:
Last Name: HALL First Name: JOSHUA MI: B

Signature: 7750

Badge No.: 7750
Date: 09/12/2023

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

Coordinator:

Tpr. II Joshua B. Hall
Name

7750
Badge No.

Location:

Eastampton Township
Agency

ARNK-0038
Alcotest Serial No.

Equipment:

221 473 009
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%	PDBN-0007	11:35 D	12:36 D	33.9°C
0.08%	DDAE-0016	11:35 D	12:37 D	33.9°C
0.10%	PDUK 53-0130	11:35 D	12:38 D	33.9°C
0.16%	DDCN-0051	11:35 D	12:40 D	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 ± 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. Hall #7750
Coordinator's Signature

09/12/2023
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: DDBN-0007

Certification Date: 5-22-23

Technician: DH / MB

Re-Certification Due Date: 5-22-24

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: DDAE-0016

Certification Date: 5-23-23

Technician: DH / MB

Re-Certification Due Date: 5-23-24

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: DDCN-0051

Certification Date:	Technician:	Re-Certification Due Date:
2/14/2023	TM/MB	2/14/2024

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:	Certification Date:	Next Certification Due:
DDLBP3-0112	5-30-23	5-30-24

Probe Value: 105

Draeger, Inc. DH/MB

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

ACCREDITED A2LA Certificate No. 1750.01 Calibration

Cert. No.: 4000-13326270

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: 221473009 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Probe	128	09 Jul 2022	15-D4F0Q-40-1
Thermistor Module	A17118	08 Jul 2022	1000469276
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Thermistor Module	B96381	18 Aug 2022	1000470702
Temperature Probe	5392	04 Aug 2022	4500006080
Temperature Probe	5398	24 Aug 2022	4500006081
Thermistor Module	B96382	08 Oct 2022	1000472708
Temperature Probe	5410	20 Oct 2022	4500006780

Certificate Information:

Technician: 299 Procedure: CAL-06 Cal Date: 25 Apr 2022 Cal Due Date: 25 Apr 2024

Test Conditions: 58.46%RH 23.43°C 1017mBar

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.		0.000	0.000	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.000	Y	24.95	25.05	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.002	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.005	100.002	Y	99.955	100.055	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

Marisa Elms

Marisa Elms, 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.

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

Traceable® is a registered trademark of Control Company

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Traceable® Certificate of Calibration for Digital Thermometer

Recalibration:

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

Issue Date : 25 Apr 2022

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

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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

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc. ANALYSIS DATE: 07/21/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1219 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 05, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2022.

Notary

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

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Superintendent

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE:** 08/17/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0483 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 19, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 7 day of September, 2022.

Notary

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

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Superintendent

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE:** 08/18/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0983 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 28, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary

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

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Superintendent

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, Inc. **ANALYSIS DATE:** 08/22/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1924 to 0.1948 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 4, 2024.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary

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

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Superintendent

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, Inc. **ANALYSIS DATE:** 01/25/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23010

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 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 January 11, 2025.

As OFS Director 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 30 day of January, 2023.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110622
My Commission Expires 8/13/2024

Dräger

Alcotest 7110

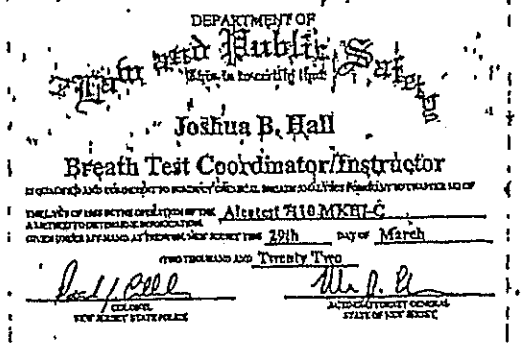
CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in conformity with the National Highway Traffic Safety Administration Standards for evidential breath testing devices. The Alcotest 7110 MKIII-C is conformant as a "conforming" and "producible" DBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The next calibration, recommended accuracy verification of this instrument within 12 months of the Certification date below, or sooner according to your state's requirements.

Certification Date: 04/09/2020

Serial Number: ARMK-0038

Draeger, Inc.



DEPARTMENT OF
Law and Public Safety
This is to certify that

Joshua B. Hall

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 RELATIVE TO THE OPERATION OF THE Alcotest 7110 MKIII-C A DEVICE TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF March
TWO THOUSAND AND Twenty Two

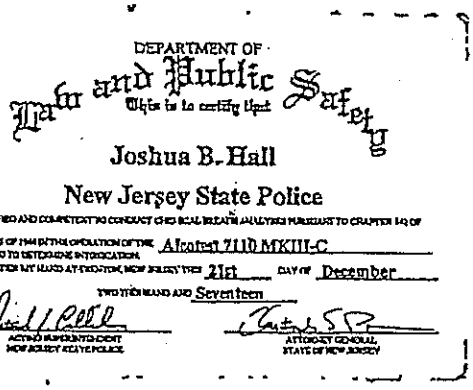
COLONEL
NEW JERSEY STATE POLICE

ACTING ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

NJP 2338 (Rev. 10/22)



DEPARTMENT OF
Law and Public Safety
This is to certify that

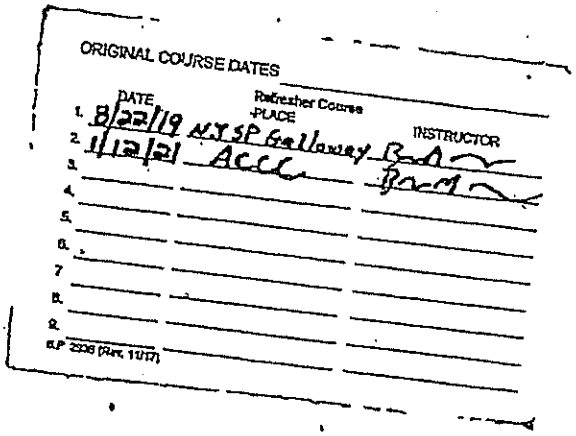
Joshua B. Hall

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 RELATIVE TO THE OPERATION OF THE Alcotest 7110 MKIII-C A DEVICE TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 21st DAY OF December
TWO THOUSAND AND Seventeen

ACTING SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY



ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	8/22/19	NJSP Galloway	
2.	1/12/21	ACCC	
3.			
4.			
5.			
6.			
7.			
8.			
9.			

NJP 2338 (Rev. 11/17)

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.

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

Serial Number: DD4K53-0130

Certification Date: 7-25-23

Technician: DH / MB

Re-Certification Due Date: 7-25-24

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: DDSFP2-0438

Certification Date: 7-25-23

Next Certification Due: 7-25-24

Probe Value: 105

Draeger, Inc. DH / MB