Calibrating Unit
New Standard Solution Report

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

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00729	Calib. Date:	04/10/2023	Calib. No.:	00042
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.:	00751	File Date:	09/03/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1156

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	01:21D		
Control 1 EC	0.097%	01:21D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	01:21D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:22D		
Control 2 EC	0.097%	01:23D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.098%	01:23D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:23D		
Control 3 EC	0.098%	01:24D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	01:24D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:24D		

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: J

Signature: CJM #J3407 Badge No.: 3407

Date: 09/03/2023

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00729	Calib. Date:	04/10/2023	Calib. No.:	00042
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.:	00742	Soln. Date:	08/06/2023	Soln. No.:	00259
Sequential File No.:	00742	File Date:	08/06/2023		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 01/11/2025
Solution Control Lot: 23010 — Bottle No.: 1204

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:30D		
Control 1 EC	0.101%	10:30D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:31D		
Control 2 EC	0.099%	10:31D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:31D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:32D		
Control 3 EC	0.099%	10:33D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:33D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:33D		

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: RICHARD — MI: J
Signature: Cpl [signature] #3407 — Badge No.: 3407
Date: 08/06/2023

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00729	Calib. Date:	04/10/2023	Calib. No.:	00042
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.:	00739	Soln. Date:	07/09/2023	Soln. No.:	00258
Sequential File No.:	00739	File Date:	07/09/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	01/11/2025
Solution Control Lot:	23010			Bottle No.:	1150

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	03:59D		
Control 1 EC	0.101%	04:00D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	04:00D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	04:00D		
Control 2 EC	0.100%	04:01D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	04:01D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	04:02D		
Control 3 EC	0.100%	04:02D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	04:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	04:03D		

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: RICHARD MI: J

Signature: CJ #3407 Badge No.: 3407

Date: 07/09/2023

Calibrating Unit
New Standard Solution Report

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

Calibration File No.: 00729
Certification File No.: 00730
Linearity File No.: 00731
Solution File No.: 00738
Sequential File No.: 00738

Calib. Date: 04/10/2023
Cert. Date: 04/10/2023
Lin. Date: 04/10/2023
Soln. Date: 06/08/2023
File Date: 06/08/2023

Calib. No.: 00042
Cert. No.: 00037
Lin. No.: 00037
Soln. No.: 00257

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 23010

Model No.: CU-34

Serial No.: DDUK S3-0131
Expires: 01/11/2025
Bottle No.: 1208

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	22:00D		
Control 1 EC	0.100%	22:01D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	22:01D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:02D		
Control 2 EC	0.100%	22:02D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	22:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:03D		
Control 3 EC	0.100%	22:03D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	22:03D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:04D		

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: GRAHAM First Name: CPL MI: D

Signature: CPL D #3406

Badge No.: 3406
Date: 06/08/2023

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00729 — Calib. Date: 04/10/2023 — Calib. No.: 00042
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.: 00734 — Soln. Date: 05/10/2023 — Soln. No.: 00256
Sequential File No.: 00734 — File Date: 05/10/2023

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 01/11/2025
Solution Control Lot: 23010 — Bottle No.: 1144

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:01D		
Control 1 EC	0.101%	15:01D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:01D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:02D		
Control 2 EC	0.101%	15:03D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	15:03D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:03D		
Control 3 EC	0.101%	15:04D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.102%	15:04D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:05D		

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: GRAHAM — First Name: CPL — MI: D
Signature: Cpl D #3406 — Badge No.: 3406
Date: 05/10/2023

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C			Serial No.: ARNK-0038
Location:	EASTAMPTON TOWNSHIP		
Calibration File No.:	00729	Calib. Date: 04/10/2023	Calib. No.: 00042
Certification File No.:	00713	Cert. Date: 11/28/2022	Cert. No.: 00036
Linearity File No.:	00714	Lin. Date: 11/28/2022	Lin. No.: 00036
Solution File No.:	00728	Soln. Date: 03/29/2023	Soln. No.: 00254
Sequential File No.:	00729	File Date: 04/10/2023	
Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDUK S3-0131
Control Solution %:	0.100%		Expires: 06/23/2023
Solution Control Lot:	21230		Bottle No.: 0945

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: #7750 Badge No.: 7750

Date: 04/10/2023

*Black Key Temperature Probe Serial.....# DDLB P3-0085 JBH

*Digital NIST Temperature Measuring System Serial.....# 721 473 009 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 Alcotest 7110 MKIII-C Serial No.: ARNK-0038

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00729	Calib. Date:	04/10/2023	Calib. No.:	00042
Certification File No.:	00730	Cert. Date:	04/10/2023	Cert. No.:	00037
Linearity File No.:	00714	Lin. Date:	11/28/2022	Lin. No.:	00036
Solution File No.:	00728	Soln. Date:	03/29/2023	Soln. No.:	00254
Sequential File No.:	00730	File Date:	04/10/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	06/23/2023
Solution Control Lot:	21230			Bottle No.:	0945

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:04D		
Control 1 EC	0.099%	13:04D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:04D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:05D		
Control 2 EC	0.099%	13:05D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:05D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:06D		
Control 3 EC	0.099%	13:07D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:07D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:07D		

All tests within acceptable tolerance.

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: _____ Badge No.: 7750

Date: 04/10/2023

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.:	00729	Calib. Date:	04/10/2023	Calib. No.:	00042
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.:	00728	Soln. Date:	03/29/2023	Soln. No.:	00254
Sequential File No.:	00731	File Date:	04/10/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0206
Control Solution %:	0.040%			Expires:	07/06/2023
Solution Control Lot:	21250			Bottle No.:	0930
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0218
Control Solution %:	0.080%			Expires:	07/19/2023
Solution Control Lot:	21260			Bottle No.:	0952
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0168
Control Solution %:	0.160%			Expires:	07/29/2023
Solution Control Lot:	21290			Bottle No.:	1141

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:24D		
Control 1 EC	0.041%	13:24D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:24D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26D		
Control 2 EC	0.040%	13:26D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:28D		
Control 3 EC	0.080%	13:28D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:30D		
Control 4 EC	0.080%	13:30D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	13:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:32D		
Control 5 EC	0.159%	13:32D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	13:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 6 EC	0.160%	13:34D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	13:34D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		

All tests within acceptable tolerance.

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: #7750 Badge No.: 7750

Date: 04/10/2023

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00729	Calib. Date:	04/10/2023	Calib. No.:	00042
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.:	00732	Soln. Date:	04/10/2023	Soln. No.:	00255
Sequential File No.:	00732	File Date:	04/10/2023		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 01/11/2025
Solution Control Lot: 23010 — Bottle No.: 1143

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:46D		
Control 1 EC	0.102%	14:47D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.102%	14:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:48D		
Control 2 EC	0.102%	14:48D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.102%	14:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:49D		
Control 3 EC	0.102%	14:50D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.102%	14:50D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:50D		

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: DDUN P2 - 253 JBP

Changed By:
Last Name: HALL — First Name: JOSHUA — MI: B
Signature: [signature] #7750 — Badge No.: 7750
Date: 04/10/2023

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

Coordinator:

Tpr. II Joshua B. Hall
Name

7750
Badge No.

Location:

Eastampton Township
Agency

ARUC-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%	DDWE 53-0206	11:47 D	12:48 D	33.9°C
0.08%	DDWF 53-0218	11:47 D	12:49 D	33.9°C
0.10%	DDUK 53-0131	11:47 D	12:50 D	33.9°C
0.16%	DDWE 53-0168	11:47 D	12:51 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.

#7750
Coordinator's Signature

04/10/2023
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: DDWE53-0206

Certification Date: 6·15·22

Technician: MB

Re-Certification Due Date: 6·15·23

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: DDWF53-0218

Certification Date: 6·15·22

Technician: MB

Re-Certification Due Date: 6·15·23

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: DDWES3-0168

Certification Date:	Technician:	Re-Certification Due Date:
2/17/2023	TM/MB	2/17/2024

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:
DDLBP3-0085	2-24-23	2-24-24

Probe Value: 102

Draeger, Inc. DH / a

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

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Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com

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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, Inc. **ANALYSIS DATE:** 07/08/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1218 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 23, 2023.

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 20 day of July, 2021.

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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PHILIP D. MURPHY
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, Inc. **ANALYSIS DATE:** 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0485 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 06, 2023.

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 July, 2021.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/1/2024

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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WEST TRENTON, NJ 08628-0068
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Governor

SHEILA Y. OLIVER
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, Inc. **ANALYSIS DATE:** 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0970 to 0.0977 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, 2023.

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 July, 2021.

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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WEST TRENTON, NJ 08628-0068
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

ANDREW J. BRUCK
Acting 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, Inc. **ANALYSIS DATE:** 08/11/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1945 to 0.1977 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 29, 2023.

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 20 day of August, 2021.

Notary

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

State of New Jersey
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Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
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:** 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 # 50110522
My Commission Expires 8/13/2024

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 FOR THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD 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.			

S.P. 2938 (Rev. 8/22)

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 FOR THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD 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	ACC	
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 11/17)

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 Testers. The Alcotest 7110 is certified as a "mobile" and "nonmobile" EBT (with 49 FR 48854, 49 FR 48861, and 58 FR 48705). The next calibration recommended accuracy verification of this instrument will be 12 months of the calibration date below, or sooner according to your state's requirements.

Certification Date: 04/09/2020

Serial Number: ARMK-0038

Dräger, Inc.:

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: DD4KS3-0131

Certification Date: 3-6-23

Technician: DH / MB

Re-Certification Due Date: 3-6-24

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: DD4NP2-253

Certification Date: 3-6-23

Next Certification Due: 3-6-24

Probe Value: 108

Draeger, Inc. DH / MB