Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00698	Soln. Date:	07/11/2022	Soln. No.:	00243
Sequential File No.:	00698	File Date:	07/11/2022		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 02/17/2024
Solution Control Lot: 22070 — Bottle No.: 1194

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:08D		
Control 1 EC	0.101%	08:08D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:09D		
Control 2 EC	0.100%	08:10D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:10D		
Control 3 EC	0.100%	08:11D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	08:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:11D		

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: 07/11/2022

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00685 — Calib. Date: 02/07/2022 — Calib. No.: 00039
Certification File No.: 00686 — Cert. Date: 02/07/2022 — Cert. No.: 00034
Linearity File No.: 00687 — Lin. Date: 02/07/2022 — Lin. No.: 00034
Solution File No.: 00697 — Soln. Date: 06/08/2022 — Soln. No.: 00242
Sequential File No.: 00697 — File Date: 06/08/2022

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 02/17/2024
Solution Control Lot: 22070 — Bottle No.: 1112

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:05D		
Control 1 EC	0.099%	09:06D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	09:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:06D		
Control 2 EC	0.099%	09:07D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:07D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:08D		
Control 3 EC	0.098%	09:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	09:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09D		

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 [illegible] #3406 — Badge No.: 3406
Date: 06/08/2022

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00696	Soln. Date:	05/08/2022	Soln. No.:	00241
Sequential File No.:	00696	File Date:	05/08/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	07/06/2022
Solution Control Lot:	20320			Bottle No.:	0041

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	17:18D		
Control 1 EC	0.099%	17:18D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	17:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:19D		
Control 2 EC	0.099%	17:20D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	17:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:20D		
Control 3 EC	0.099%	17:21D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	17:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	17:22D		

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 #3406

Badge No.: 3406

Date: 05/08/2022

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00695	Soln. Date:	05/08/2022	Soln. No.:	00240
Sequential File No.:	00695	File Date:	05/08/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	07/06/2022
Solution Control Lot:	20320			Bottle No.:	0041

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:09D		
Control 1 EC	-.---%	16:09D	34.0°C	CTRL GAS SUPPLY
Control 1 IR	-.---%	16:09D	34.0°C	CTRL GAS SUPPLY
Ambient Air Blank	-.---%	--:---		
Control 2 EC	-.---%	--:---	N/A	
Control 2 IR	-.---%	--:---	N/A	
Ambient Air Blank	-.---%	--:---		
Control 3 EC	-.---%	--:---	N/A	
Control 3 IR	-.---%	--:---	N/A	
Ambient Air Blank	-.---%	--:---		

Test results are not within acceptable range.

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: 05/08/2022

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00685 — Calib. Date: 02/07/2022 — Calib. No.: 00039
Certification File No.: 00686 — Cert. Date: 02/07/2022 — Cert. No.: 00034
Linearity File No.: 00687 — Lin. Date: 02/07/2022 — Lin. No.: 00034
Solution File No.: 00691 — Soln. Date: 03/11/2022 — Soln. No.: 00238
Sequential File No.: 00691 — File Date: 03/11/2022

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 07/06/2022
Solution Control Lot: 20320 — Bottle No.: 0748

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:23S		
Control 1 EC	0.100%	14:23S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:24S		
Control 2 EC	0.100%	14:25S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:25S		
Control 3 EC	0.100%	14:26S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:27S		

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 #3406 — Badge No.: 3406
Date: 03/11/2022

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00690	Soln. Date:	03/11/2022	Soln. No.:	00237
Sequential File No.:	00690	File Date:	03/11/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	07/06/2022
Solution Control Lot:	20320			Bottle No.:	0748

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:34S		
Control 1 EC	-.---%	10:34S	25.8°C	SIMULATOR TEMP. ERROR
Control 1 IR	-.---%	10:34S	25.8°C	SIMULATOR TEMP. ERROR
Ambient Air Blank	-.---%	--:---		
Control 2 EC	-.---%	--:---	N/A	
Control 2 IR	-.---%	--:---	N/A	(cuvette never turned back on)
Ambient Air Blank	-.---%	--:---		
Control 3 EC	-.---%	--:---	N/A	
Control 3 IR	-.---%	--:---	N/A	
Ambient Air Blank	-.---%	--:---		

Test results are not within acceptable range.

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: 03/11/2022

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00693	Soln. Date:	04/09/2022	Soln. No.:	00239
Sequential File No.:	00693	File Date:	04/09/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	07/06/2022
Solution Control Lot:	20320			Bottle No.:	1311

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:37D		
Control 1 EC	0.099%	20:38D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	20:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:39D		
Control 2 EC	0.098%	20:39D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	20:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:40D		
Control 3 EC	0.099%	20:41D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	20:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:41D		

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: 04/09/2022

Al[illegible]alibration Record

Equipment: Alcotest 7110 MKII[illegible] No.: ARNK-0[illegible]8
Location: EASTAMPTON TOW[illegible]
Calibration File No.: 00685
Certification File No.: 00677
Linearity File No.: 00678
Solution File No.: 00684
Sequential File No.: 00685

Calibration Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 20220

Serial No : DDUK S3-0131
Expires: 06/06/2022
Bottle No.: 0133

Coordinator
Last Name: LUTZ
First Name: JNIS
Signature: Tpr I Dept 7045
Badge No.: 7045
Date: 02/07/2022

*Black Key Temperature Probe Serial.....# DDEEP2-060 (DL)

*Digital NIST Temperature Measuring System Serial.....# 200 357 843 (DL)

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.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00678	Lin. Date:	09/08/2021	Lin. No.:	00033
Solution File No.:	00684	Soln. Date:	01/07/2022	Soln. No.:	00235
Sequential File No.:	00686	File Date:	02/07/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	05/06/2022
Solution Control Lot:	20220			Bottle No.:	0133

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:28S		
Control 1 EC	0.099%	14:29S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:30S		
Control 2 EC	0.099%	14:30S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:30S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:31S		
Control 3 EC	0.099%	14:32S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:32S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:32S		

All tests within acceptable tolerance.

Coordinator
Last Name: LUTZ First Name: DENNIS MI: J

Signature: Badge No.: 7045

Date: 02/07/2022

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.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00684	Soln. Date:	01/07/2022	Soln. No.:	00235
Sequential File No.:	00687	File Date:	02/07/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0211
Control Solution %:	0.040%			Expires:	06/08/2022
Solution Control Lot:	20260			Bottle No.:	0046
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXC S3-0020
Control Solution %:	0.080%			Expires:	06/11/2022
Solution Control Lot:	20270			Bottle No.:	0143
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDMK S3-0008
Control Solution %:	0.160%			Expires:	06/17/2022
Solution Control Lot:	20280			Bottle No.:	0120

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:45S		
Control 1 EC	0.040%	14:45S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	14:45S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:47S		
Control 2 EC	0.040%	14:47S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	14:47S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:49S		
Control 3 EC	0.080%	14:49S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	14:49S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:51S		
Control 4 EC	0.079%	14:52S	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	14:52S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53S		
Control 5 EC	0.159%	14:54S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	14:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:55S		
Control 6 EC	0.158%	14:56S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	14:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:57S		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ — First Name: DENNIS — MI: J

Signature: Tpr I Dennis 7045 — Badge No.: 7045

Date: 02/07/2022

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00685	Calib. Date:	02/07/2022	Calib. No.:	00039
Certification File No.:	00686	Cert. Date:	02/07/2022	Cert. No.:	00034
Linearity File No.:	00687	Lin. Date:	02/07/2022	Lin. No.:	00034
Solution File No.:	00688	Soln. Date:	02/07/2022	Soln. No.:	00236
Sequential File No.:	00688	File Date:	02/07/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	07/06/2022
Solution Control Lot:	20320			Bottle No.:	0161

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	16:07S		
Control 1 EC	0.099%	16:08S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	16:08S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:09S		
Control 2 EC	0.099%	16:09S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	16:09S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:10S		
Control 3 EC	0.099%	16:11S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	16:11S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	16:11S		

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: DDUNP2-253 (DC)

Changed By:
Last Name: LUTZ First Name: DENNIS MI: J

Signature: Tpr I Lutz 7045 Badge No.: 7045

Date: 02/07/2022

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

Coordinator:

Tpr I Dennis J Lutz — Name

7045 — Badge No.

Location:

Eastampton Township — Agency

ARNK-0038 — Alcotest Serial No.

Equipment:

200 357 843

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%	DDWE53-0210	13:12 S	14:15 S	33.9°C
0.08%	DDXC53-0020	13:12 S	14:16 S	33.9°C
0.10%	DDUK53-0131	13:12 S	14:17 S	34.0°C
0.16%	DDMK53-0008	13:12 S	14:18 S	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 I [signature] 7045 — Coordinator's Signature

2-7-22 — 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: DDWES3-0211

Certification Date:	Technician:	Re-Certification Due Date:
3·18·21	MB	3·18·22

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: DDXCS3-0020

Certification Date:	Technician:	Re-Certification Due Date:
6·21·21	AM	6·21·22

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: DDMKS3-0008

Certification Date: 6·21·21

Technician: CR

Re-Certification Due Date: 6·21·22

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: DDEEP2-060

Certification Date: 6·21·21

Next Certification Due: 6·21·22

Probe Value: 106

Draeger, Inc. CR

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

Cert. No.: 4000-11349797

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: 200357843 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	21 Feb 2021	C0220030
Temperature Calibration Bath	B16388		
Temperature Probe	5287	21 Feb 2021	C0220028
Temperature Calibration Bath	B3A444		
Thermistor Module	B98381	16 Jul 2020	B9626028
Temperature Probe	5398	16 Jul 2020	B9605083
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5410	13 Sep 2020	B9801031

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 15 Jun 2020 Cal Due Date: 15 Jun 2022

Test Conditions: 52.44%RH 23.46°C 1018mBar

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	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.001	25.001	Y	24.951	25.051	0.0087	>4:1
°C	N.A.	N.A.		50.002	50.001	Y	49.952	50.052	0.0087	>4:1
°C	N.A.	N.A.		100.001	99.998	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

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 17025:2005 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-01605-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

Traceable® is a registered trademark of Control Company

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

Cert. No.: 4000-11349797

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 15 Jun 2020

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 17025:2005 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-01605-2008-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

Traceable® is a registered trademark of Control Company

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State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 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:** 05/22/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1227 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 May 06, 2022.

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 27th day of May, 2020.

Notary

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
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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:** 07/29/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0481 to 0.0486 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 08, 2022.

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 August, 2020.
Maryanne Kucker
Notary

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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
0.080 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:** 08/07/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0974 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 11, 2022.

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 August, 2020.
Marianne Kucker
Notary

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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DIVISION OF STATE POLICE
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SHEILA Y. OLIVER
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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, Inc. **ANALYSIS DATE:** 07/17/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20280

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1949 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 June 17, 2022.

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, 2020.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 6/13/2024

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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
0.100 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:** 07/27/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20320

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 0.1222 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, 2022.

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 29 day of July, 2020.

Notary

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

DEPARTMENT OF
Law and Public Safety

Dennis J. Lutz

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH TESTS 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 29th DAY OF January TWO THOUSAND AND Nineteen

SUPERINTENDENT 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. 2038 (Rev. 07/19)

DEPARTMENT OF
Law and Public Safety

Dennis J. Lutz
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH TESTS 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 1st DAY OF October TWO THOUSAND AND Nine

SUPERINTENDENT NEW JERSEY STATE POLICE

ATTORNEY GENERAL STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	2-3-11	OCPA	Lum Loos
2.	1/29/13	OCPA	Adam Stanley
3.	11-23-15	OCPA	M. Gonçalves
4.	4/6/17	LAKEHURST	Adam Stanley
5.	9/22/19	NJSP Galloway	[illegible]
6.	7-19-21	Lakehurst	[illegible]
7.			
8.			
9.			

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

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 MKII-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: 04/09/2020

Serial Number: ARMK-0038

Draeger, 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.

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

Serial Number: DDUKS3-0131

Certification Date: 12·22·21

Technician: am

Re-Certification Due Date: 12·22·22

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:
DDUNP2-253	12·22·21	12·22·22

Probe Value: 107

Draeger, Inc. am