Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00712	Calib. Date:	11/28/2022	Calib. No.:	00041
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.:	00728	File Date:	03/29/2023		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/17/2024
Solution Control Lot:	22070			Bottle No.:	0986

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:24S		
Control 1 EC	0.100%	07:25S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	07:25S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:26S		
Control 2 EC	0.100%	07:26S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	07:26S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:27S		
Control 3 EC	0.099%	07:28S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	07:28S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:28S		

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: 03/29/2023

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00712 — Calib. Date: 11/28/2022 — Calib. No.: 00041
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.: 00727 — Soln. Date: 02/27/2023 — Soln. No.: 00253
Sequential File No.: 00727 — File Date: 02/27/2023

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 02/17/2024
Solution Control Lot: 22070 — Bottle No.: 0936

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:45S		
Control 1 EC	0.099%	07:45S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	07:45S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:46S		
Control 2 EC	0.100%	07:47S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	07:47S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:47S		
Control 3 EC	0.100%	07:48S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	07:48S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:49S		

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: 02/27/2023

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00712 — Calib. Date: 11/28/2022 — Calib. No.: 00041
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.: 00722 — Soln. Date: 01/27/2023 — Soln. No.: 00250
Sequential File No.: 00722 — File Date: 01/27/2023

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 02/17/2024
Solution Control Lot: 22070 — Bottle No.: 1053

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:18S		
Control 1 EC	0.100%	08:19S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:19S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:20S		
Control 2 EC	0.100%	08:20S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:20S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:21S		
Control 3 EC	0.099%	08:22S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:22S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:22S		

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: 01/27/2023

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00712	Calib. Date:	11/28/2022	Calib. No.:	00041
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.:	00717	Soln. Date:	12/27/2022	Soln. No.:	00249
Sequential File No.:	00717	File Date:	12/27/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/17/2024
Solution Control Lot:	22070			Bottle No.:	1224

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:12S		
Control 1 EC	0.099%	08:12S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:12S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:13S		
Control 2 EC	0.099%	08:13S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:14S		
Control 3 EC	0.099%	08:15S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:15S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:15S		

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: #3406

Badge No.: 3406

Date: 12/27/2022

Alcotest 7110 Calibration Record

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

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00712	Calib. Date:	11/28/2022	Calib. No.:	00041
Certification File No.:	00700	Cert. Date:	07/12/2022	Cert. No.:	00035
Linearity File No.:	00701	Lin. Date:	07/12/2022	Lin. No.:	00035
Solution File No.:	00711	Soln. Date:	10/26/2022	Soln. No.:	00247
Sequential File No.:	00712	File Date:	11/28/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	06/16/2023
Solution Control Lot:	21210			Bottle No.:	0286

Coordinator

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

Signature: JJH #7750 — Badge No.: 7750

Date: 11/28/2022

*Black Key Temperature Probe Serial.....# DDXK P2-390 DBH

*Digital NIST Temperature Measuring System Serial.....# 210 216 802 DBH

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.:	00712	Calib. Date:	11/28/2022	Calib. No.:	00041
Certification File No.:	00713	Cert. Date:	11/28/2022	Cert. No.:	00036
Linearity File No.:	00701	Lin. Date:	07/12/2022	Lin. No.:	00035
Solution File No.:	00711	Soln. Date:	10/26/2022	Soln. No.:	00247
Sequential File No.:	00713	File Date:	11/28/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	06/16/2023
Solution Control Lot:	21210			Bottle No.:	0286

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:51S		
Control 1 EC	0.099%	08:51S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	08:51S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:52S		
Control 2 EC	0.098%	08:53S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.098%	08:53S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:53S		
Control 3 EC	0.099%	08:54S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:54S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:54S		

All tests within acceptable tolerance

Coordinator

Last Name: HALL First Name: JOSHUA MI: B

Signature: Badge No.: 7750

Date: 11/28/2022

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.:	00712	Calib. Date:	11/28/2022	Calib. No.:	00041
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.:	00711	Soln. Date:	10/26/2022	Soln. No.:	00247
Sequential File No.:	00714	File Date:	11/28/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCB-0001
Control Solution %:	0.040%			Expires:	07/06/2023
Solution Control Lot:	21250			Bottle No.:	0094

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCB-0002
Control Solution %:	0.080%			Expires:	07/19/2023
Solution Control Lot:	21260			Bottle No.:	0508

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDBN-0007
Control Solution %:	0.160%			Expires:	07/29/2023
Solution Control Lot:	21290			Bottle No.:	0089

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:09S		
Control 1 EC	0.040%	09:09S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	09:09S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:11S		
Control 2 EC	0.040%	09:11S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	09:11S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:13S		
Control 3 EC	0.079%	09:13S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.079%	09:13S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:14S		
Control 4 EC	0.079%	09:15S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	09:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:16S		
Control 5 EC	0.158%	09:17S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	09:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18S		
Control 6 EC	0.159%	09:19S	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:19S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:20S		

All tests within acceptable tolerance.

Coordinator

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

Signature: JPMA #7750 — Badge No.: 7750

Date: 11/28/2022

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00712 — Calib. Date: 11/28/2022 — Calib. No.: 00041
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.: 00715 — Soln. Date: 11/28/2022 — Soln. No.: 00248
Sequential File No.: 00715 — File Date: 11/28/2022

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 02/17/2024
Solution Control Lot: 22070 — Bottle No.: 0985

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:37S		
Control 1 EC	0.100%	10:37S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:38S		
Control 2 EC	0.100%	10:39S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:39S		
Control 3 EC	0.100%	10:40S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:41S		

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 SBH

Changed By:
Last Name: HALL — First Name: JOSHUA — MI: B
Signature: [signature] #7750
Badge No.: 7750
Date: 11/28/2022

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

Coordinator:

Tpr. II. Joshua B. Hall
Name

7750
Badge No.

Location:

Eastampton Township
Agency

ARM16-0038
Alcotest Serial No.

Equipment:

210 216 802
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%	DDCB-0001	07:35 s	08:36 s	33.9°C
0.08%	DDCB-0002	07:35 s	08:37 s	33.9°C
0.10%	DDUK 83-0180	07:35 s	08:38 s	34.0°C
0.16%	DDBN-0007	07:35 s	08:40 s	34.0°C

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

#7750
Coordinator's Signature

11/28/2022
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: DDCB-0001

Certification Date: 4·5·22

Technician: MB

Re-Certification Due Date: 4·5·23

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: DDCB-0002

Certification Date: 4·5·22

Technician: MB

Re-Certification Due Date: 4·5·23

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: DDBN-0007

Certification Date:	Technician:	Re-Certification Due Date:
4·5·22	MB	4·5·23

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:
DDXK P2-390	4·1·22	4·1·23

Probe Value: 100

Draeger, Inc. MB

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

Cert. No.: 4000-12064518

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: 210216802 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	01 Mar 2022	1000464865
Temperature Calibration Bath	A46240		
Temperature Calibration Bath	A73332		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	08 Mar 2022	C1228019
Temperature Calibration Bath	B3A444		
Temperature Probe	5357	09 Jun 2021	C0428083
Thermistor Module	B5C344	06 Jun 2021	1000452872
Thermistor Module	B96381	21 Aug 2021	1000457544
Temperature Probe	5392	04 Aug 2021	C0804052
Temperature Probe	5398	04 Aug 2021	C0804051

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 17 Mar 2021 Cal Due Date: 17 Mar 2023

Test Conditions: 62.18%RH 22.28°C 1006mBar

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	0.002	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.002	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.002	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		99.999	100.003	Y	99.949	100.049	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, Quality Manager

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

Cert. No.: 4000-12064518

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 : 17 Mar 2021

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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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 0.1245 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE:** 07/07/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21210

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1199 to 0.1215 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 16, 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 # 50110622
My Commission Expires 8/13/2024

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
0.040 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 8/13/2024

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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:** 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
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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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
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

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:** 03/08/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22070

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1235 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 February 17, 2024.

As Acting 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
Acting OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 8 day of March, 2022.

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 AND TO INSTRUCT OTHERS IN THE OPERATION OF THE Alcotest 7110 MKIII-C
AS APPROVED FOR USE IN NEW JERSEY.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 29th DAY OF March
IN THE YEAR OF OUR LORD 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. 2318 (Rev. 6/22)

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 AND TO INSTRUCT OTHERS IN THE OPERATION OF THE Alcotest 7110 MKIII-C
AS APPROVED FOR USE IN NEW JERSEY.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 21st DAY OF December
IN THE YEAR OF OUR LORD 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	B-A
2.	1/12/21	ACC	B-A
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2318 (Rev. 12/17)

Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices, The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the Calibration date below, or sooner according to your state's specifications.

Certification Date: 04/09/2020

Serial Number: ARMK-0938

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.

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

Serial Number: DD4K 53-0130

Certification Date: 08-17-22

Technician: JB / DH

Re-Certification Due Date: 08-17-23

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: 08-17-22

Next Certification Due: 08-17-23

Probe Value: 106

Draeger, Inc. JB / DH

NEW JERSEY STATE POLICE
Alcohol Drug Testing Unit

Tpr. II Joshua B. Hall #7750

Hamilton Technology Complex
Suite #400
1200 Negron Drive
Hamilton, NJ 08691

Tel#:(609)584-5051 ext 5608
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