Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00619	Calib. Date:	08/08/2019	Calib. No.:	00033
Certification File No.:	00620	Cert. Date:	08/08/2019	Cert. No.:	00029
Linearity File No.:	00621	Lin. Date:	08/08/2019	Lin. No.:	00029
Solution File No.:	00630	Soln. Date:	01/10/2020	Soln. No.:	00211
Sequential File No.:	00630	File Date:	01/10/2020		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/08/2021
Solution Control Lot:	19020			Bottle No.:	0837

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:15S		
Control 1 EC	0.100%	08:15S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:16S		
Control 2 EC	0.099%	08:17S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:17S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:18S		
Control 3 EC	0.100%	08:18S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:19S		

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: 01/10/2020

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00619 — Calib. Date: 08/08/2019 — Calib. No.: 00033
Certification File No.: 00620 — Cert. Date: 08/08/2019 — Cert. No.: 00029
Linearity File No.: 00621 — Lin. Date: 08/08/2019 — Lin. No.: 00029
Solution File No.: 00628 — Soln. Date: 12/10/2019 — Soln. No.: 00210
Sequential File No.: 00628 — File Date: 12/10/2019

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 01/08/2021
Solution Control Lot: 19020 — Bottle No.: 0661

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:20S		
Control 1 EC	0.101%	10:20S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:21S		
Control 2 EC	0.100%	10:21S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	10:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:22S		
Control 3 EC	0.101%	10:23S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:23S		

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: 12/10/2019

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00619	Calib. Date:	08/08/2019	Calib. No.:	00033
Certification File No.:	00620	Cert. Date:	08/08/2019	Cert. No.:	00029
Linearity File No.:	00621	Lin. Date:	08/08/2019	Lin. No.:	00029
Solution File No.:	00627	Soln. Date:	11/12/2019	Soln. No.:	00209
Sequential File No.:	00627	File Date:	11/12/2019		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/08/2021
Solution Control Lot:	19020			Bottle No.:	0713

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:24S		
Control 1 EC	0.100%	20:24S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	20:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:25S		
Control 2 EC	0.100%	20:25S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	20:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:26S		
Control 3 EC	0.101%	20:27S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	20:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:27S		

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 D #3406

Badge No.: 3406

Date: 11/12/2019

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00619	Calib. Date:	08/08/2019	Calib. No.:	00033
Certification File No.:	00620	Cert. Date:	08/08/2019	Cert. No.:	00029
Linearity File No.:	00621	Lin. Date:	08/08/2019	Lin. No.:	00029
Solution File No.:	00625	Soln. Date:	10/14/2019	Soln. No.:	00208
Sequential File No.:	00625	File Date:	10/14/2019		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/08/2021
Solution Control Lot:	19020			Bottle No.:	0649

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:44D		
Control 1 EC	0.101%	09:44D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	09:44D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:45D		
Control 2 EC	0.101%	09:46D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	09:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46D		
Control 3 EC	0.101%	09:47D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	09:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:47D		

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: 10/14/2019

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00619 — Calib. Date: 08/08/2019 — Calib. No.: 00033
Certification File No.: 00620 — Cert. Date: 08/08/2019 — Cert. No.: 00029
Linearity File No.: 00621 — Lin. Date: 08/08/2019 — Lin. No.: 00029
Solution File No.: 00623 — Soln. Date: 09/04/2019 — Soln. No.: 00206
Sequential File No.: 00623 — File Date: 09/04/2019

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 01/08/2021
Solution Control Lot: 19020 — Bottle No.: 0838

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:23D		
Control 1 EC	0.101%	07:24D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	07:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:24D		
Control 2 EC	0.100%	07:25D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	07:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:25D		
Control 3 EC	0.101%	07:26D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	07:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:27D		

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: 09/04/2019

Alcotest 7110 Calibration Record

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

Calibration File No.:	00619	Calib. Date:	08/08/2019	Calib. No.:	00033
Certification File No.:	00607	Cert. Date:	02/22/2019	Cert. No.:	00028
Linearity File No.:	00608	Lin. Date:	02/22/2019	Lin. No.:	00028
Solution File No.:	00618	Soln. Date:	07/17/2019	Soln. No.:	00204
Sequential File No.:	00619	File Date:	08/08/2019		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	07/23/2020
Solution Control Lot:	18220			Bottle No.:	0238

Coordinator
Last Name: NAPOLITANO — First Name: DAVID — MI: M.
Signature: T. J DLN 7237 — Badge No.: 7237
Date: 08/08/2019

*Black Key Temperature Probe Serial.....# DDUN P2-237 DN

*Digital NIST Temperature Measuring System Serial.....# 191 959 016 DN

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.: 00619 Calib. Date: 08/08/2019 Calib. No.: 00033
Certification File No.: 00620 Cert. Date: 08/08/2019 Cert. No.: 00029
Linearity File No.: 00608 Lin. Date: 02/22/2019 Lin. No.: 00028
Solution File No.: 00618 Soln. Date: 07/17/2019 Soln. No.: 00204
Sequential File No.: 00620 File Date: 08/08/2019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0130
Control Solution %: 0.100% Expires: 07/23/2020
Solution Control Lot: 18220 Bottle No.: 0238

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:15D		
Control 1 EC	0.099%	09:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:16D		
Control 2 EC	0.100%	09:16D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:16D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:17D		
Control 3 EC	0.100%	09:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	09:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18D		

All tests within acceptable tolerance.

Coordinator
Last Name: NAPOLITANO First Name: DAVID MI: M.
Signature: T. D. M. 7237 Badge No.: 7237
Date: 08/08/2019

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.:	00619	Calib. Date:	08/08/2019	Calib. No.:	00033
Certification File No.:	00620	Cert. Date:	08/08/2019	Cert. No.:	00029
Linearity File No.:	00621	Lin. Date:	08/08/2019	Lin. No.:	00029
Solution File No.:	00618	Soln. Date:	07/17/2019	Soln. No.:	00204
Sequential File No.:	00621	File Date:	08/08/2019		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDRK S3-0014
Control Solution %:	0.040%			Expires:	07/31/2020
Solution Control Lot:	18240			Bottle No.:	0491
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDRF S3-0008
Control Solution %:	0.080%			Expires:	08/06/2020
Solution Control Lot:	18250			Bottle No.:	1406
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWF S3-0216
Control Solution %:	0.160%			Expires:	08/21/2020
Solution Control Lot:	18260			Bottle No.:	0876

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:26D		
Control 1 EC	0.041%	09:27D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:27D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:28D		
Control 2 EC	0.041%	09:29D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:29D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:30D		
Control 3 EC	0.080%	09:31D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:31D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:32D		
Control 4 EC	0.080%	09:33D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:33D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34D		
Control 5 EC	0.159%	09:35D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.160%	09:35D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:36D		
Control 6 EC	0.160%	09:37D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.160%	09:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39D		

All tests within acceptable tolerance.

Coordinator

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

Signature: 7237 — Badge No.: 7237

Date: 08/08/2019

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00619	Calib. Date:	08/08/2019	Calib. No.:	00033
Certification File No.:	00620	Cert. Date:	08/08/2019	Cert. No.:	00029
Linearity File No.:	00621	Lin. Date:	08/08/2019	Lin. No.:	00029
Solution File No.:	00622	Soln. Date:	08/08/2019	Soln. No.:	00205
Sequential File No.:	00622	File Date:	08/08/2019		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	01/08/2021
Solution Control Lot:	19020			Bottle No.:	0655

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:44D		
Control 1 EC	0.101%	10:45D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:45D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:45D		
Control 2 EC	0.100%	10:46D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:46D		
Control 3 EC	0.100%	10:47D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	10:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:48D		

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 P2-0438 DN

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

Signature: [signature] 7237 Badge No.: 7237
Date: 08/08/2019

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

Coordinator:

TPR. 1 DAVID M NAPOLITANO
Name

7237
Badge No.

Location:

EASTAMPTON
Agency

ARNK-0038
Alcotest Serial No.

Equipment:

191 959 016
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDRK 53-0014	0805D	0906D	34.0 °C
0.08%	DDRF 53-0008	0805D	0906D	33.9 °C
0.10%	DDUK 53-0130	0805D	0907D	34.0 °C
0.16%	DDWF 53-0216	0805D	0908D	34.0 °C

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

T. I D [signature] 7237
Coordinator's Signature

8.8.19
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: DDRK53-0014

Certification Date: 6-11-19

Technician: BS

Re-Certification Due Date: 6-11-20

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

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

Serial Number: DDRF53-0008

Certification Date: 2-19-19

Technician: BS

Re-Certification Due Date: 2-19-20

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No 249 12/19/94 Notices)
Draeger, Inc.

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

Serial Number: DDWFS3-0216

Certification Date:	Technician:	Re-Certification Due Date:
6-11-19	BS	6-11-20

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:
DDUNP2-237	6-10-19	6-10-20

Probe Value: 105

Draeger, Inc. BS

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

ACCREDITED
A2LA Certificate No. 1750.01
Calibration

Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by VWR International LLC Radnor Corporate Center, Bldg 1,Ste 200, 100 Matsonford Road,Radnor,PA,19087

Instrument Identification:

Model: 61220-601, S/N: 191959016 Manufacturer: Control Company

Standards/Equipment:

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

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 13 Feb 2019 Cal Due Date: 13 Feb 2021

Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

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

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) – Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez, Quality Manager

Aaron Judice, Technical Manager

Note:

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

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

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

Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01,
Control Company is ISO 9001:2008 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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

Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

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Control Company is an ISO/IEC 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01
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International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

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State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 07/31/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 to 0.1233 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 23, 2020.

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

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

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

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
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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 Safety, Inc. **ANALYSIS DATE:** 08/28/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18240

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

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

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

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

Sworn to and subscribed before me this 29th day of August, 2018.

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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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 Safety, Inc. **ANALYSIS DATE:** 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 06, 2020.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

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

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

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
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 09/13/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 to 0.1964 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 21, 2020.

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

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

Sworn to and subscribed before me this 16th day of September 2018.
Mary E. McLaughlin
Notary

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

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 Safety, Inc. **ANALYSIS DATE:** 01/31/2019

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 19020

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1222 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 January 08, 2021.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 1st day of February, 2019.

Notary

PETER F MURPHY IV
NOTARY PUBLIC
My Commission Expires
August 1, 2019

DEPARTMENT OF
Law and Public Safety
This is to certify that

David M. Napolitano

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October
TWO THOUSAND AND Eighteen

COLONEL
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

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

S.P. 2936 (Rev. 01/18)

DEPARTMENT OF
Law and Public Safety
This is to certify that

David M. Napolitano
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 7th DAY OF October
TWO THOUSAND AND Ten

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	6/20/12	CAPE MAY P.D.	Adam Stanko
2.	11/6/14	GCPA	Adam Stanko
3.	6/23/16	CMPA	Adam Stanko
4.	1/16/18	LAKE HURON	Adam Stanko
5.			
6.			
7.			
8.			
9.			

S.P. 2936 (Rev. 03/10)

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

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

Certification Date: 4-23-15

SERIAL NUMBER: ARNK-0038

Draeger Safety Diagnostics, Inc. BC

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

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

Serial Number: DDUKS3-0130

Certification Date: 6-4-19

Technician: BS

Re-Certification Due Date: 6-4-20

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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: 6-5-19

Next Certification Due: 6-5-20

Probe Value: 103

Draeger, Inc. BS