

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0056
Location:	LONG BRANCH POLICE DEPT	
Calibration File No.:	00878	Calib. Date: 01/12/2021
Certification File No.:	00879	Cert. Date: 01/12/2021
Linearity File No.:	00856	Lin. Date: 07/23/2020
Solution File No.:	00876	Soln. Date: 01/04/2021
Sequential File No.:	00879	File Date: 01/12/2021
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXN S3-0216
Solution Control Lot:	19270	Expires: 10/14/2021
		Bottle No.: 0801

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:33S		
Control 1 EC	0.099%	09:33S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	09:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34S		
Control 2 EC	0.098%	09:35S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:36S		
Control 3 EC	0.099%	09:37S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:38S		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

Signature: TP I Dent

First Name: DENNIS

MI: J

Badge No.: 7045

Date: 01/12/2021

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.: ARXA-0056		
Location:	LONG BRANCH POLICE DEPT			
Calibration File No.:	00878	Calib. Date: 01/12/2021		
Certification File No.:	00879	Cert. Date: 01/12/2021		
Linearity File No.:	00880	Lin. Date: 01/12/2021		
Solution File No.:	00876	Soln. Date: 01/04/2021		
Sequential File No.:	00880	File Date: 01/12/2021		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.040%	Serial No.: DDSC S3-0001		
Solution Control Lot:	19310	Expires: 11/04/2021 Bottle No.: 0661		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.080%	Serial No.: DDXC S3-0020		
Solution Control Lot:	19320	Expires: 11/11/2021 Bottle No.: 0827		
Calibrating Unit:	WET	Model No.: CU-34		
Control Solution %:	0.160%	Serial No.: DDMK S3-0008		
Solution Control Lot:	19360	Expires: 12/02/2021 Bottle No.: 1028		
Function	Result	Time	Temperature	Comment(s)
Ambient Air Blank	0.000%	09:51S	Simulator (°C)	or Error(s)
Control 1 EC	0.042%	09:51S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:51S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:53S		
Control 2 EC	0.041%	09:54S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56S		
Control 3 EC	0.082%	09:56S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:56S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S		
Control 4 EC	0.081%	09:59S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:01S		
Control 5 EC	0.162%	10:02S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	10:02S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:03S		
Control 6 EC	0.160%	10:04S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	10:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:06S		

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

Signature: _____

Tpr I Dent 7045

First Name: DENNIS

MI: J

Badge No.: 7045

Date: 01/12/2021

Alcotest 7110 Calibration Record

Equipment

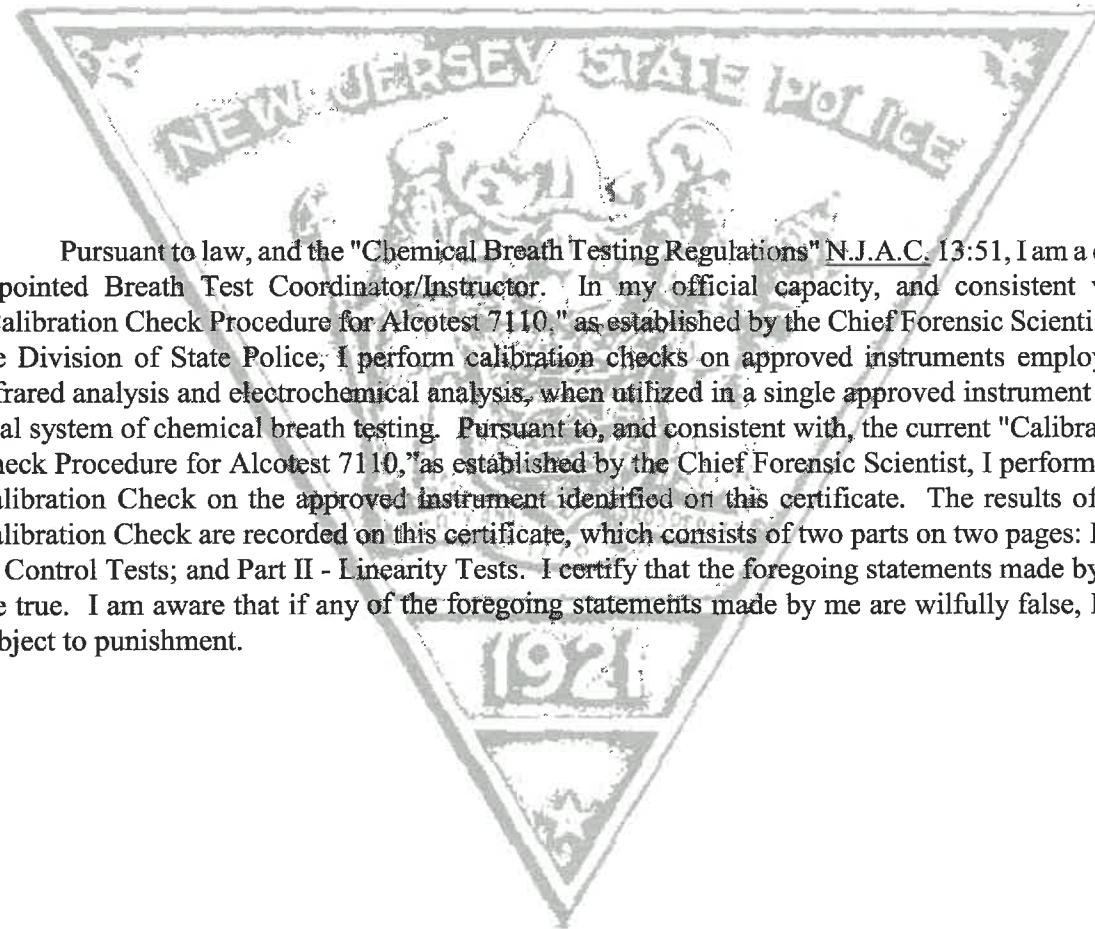
Location:	Alcotest 7110 MKIII-C LONG BRANCH POLICE DEPT	Serial No.: ARXA-0056
Calibration File No.:	00878	Calib. Date: 01/12/2021
Certification File No.:	00855	Cert. Date: 07/23/2020
Linearity File No.:	00856	Lin. Date: 07/23/2020
Solution File No.:	00876	Soln. Date: 01/04/2021
Sequential File No.:	00878	File Date: 01/12/2021
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXN S3-0216
Solution Control Lot:	19270	Expires: 10/14/2021
		Bottle No.: 0801

Coordinator

Last Name: LUTZ	First Name: DENNIS	MI: J
Signature: <u>Tpr I Dent 7645</u>	Badge No.: 7045	Date: 01/12/2021

*Black Key Temperature Probe Serial.....# DDEEP2-060 PL

*Digital NIST Temperature Measuring System Serial.....# 191 959 029 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 MKIII-C Calibration
NIST-Traceable Digital Thermometer Readings**

Coordinator:

Tpr I Dennis J Lutz
Name

7045

Badge No.

Location:

Long Branch Police Dept
Agency

ARXA-0056

Alcotest Serial No.

Equipment:

191 959 029

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%	DDSC S3-0001	08:22 S	09:23 S	33.9°C
0.08%	DDXCS3-0020	08:22 S	09:24 S	33.9°C
0.10%	DDXN S3-0216	08:22 S	09:24 S	33.9°C
0.16%	DDMK S3-0008	08:22 S	09:25 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 \pm 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 Dennis J Lutz
Coordinator's Signature

1-12-21



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:

DDSCS3-0001

Certification Date:

4-2-20

Technician:

MB

Re-Certification Due Date:

4-2-21

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:

4-2-20

Technician:

MB

Re-Certification Due Date:

4-2-21



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:

DDMK4S3-0008

Certification Date:

4-2-20

Technician:

MB

Re-Certification Due Date:

4-2-21

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy 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:

DD EE P2-D1e0

Certification Date:

4-3-20

Next Certification Due:

4-3-21

Probe Value:

104

Draeger, Inc.

MB