

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	01246	Calib. Date: 09/26/2023
Certification File No.:	01247	Calib. No.: 00051
Linearity File No.:	01248	Cert. Date: 09/26/2023
Solution File No.:	01256	Cert. No.: 00043
Sequential File No.:	01256	Lin. Date: 09/26/2023
		Lin. No.: 00042
		Soln. Date: 12/20/2023
		Soln. No.: 00298
		File Date: 12/20/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUM S3-0222
Solution Control Lot:	22110	Expires: 04/04/2024
		Bottle No.: 1227

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	06:46S		
Control 1 EC	0.100%	06:46S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	06:46S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:47S		
Control 2 EC	0.098%	06:48S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	06:48S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:48S		
Control 3 EC	0.100%	06:49S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	06:49S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:50S		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.


Changed By:

Last Name: CARDONE

First Name: ANTHONY

MI: D

Signature: _____



Badge No.: 4047

Date: 12/20/2023



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

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: 04/26/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22110

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 0.1237 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 April 4, 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
Michael Kennedy
Acting OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of April, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission #: 80110522
My Commission Expires 8/13/2024



An Internationally Accredited Agency

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.		
Calibration File No.:	01246	Calib. Date:	09/26/2023
Certification File No.:	01247	Cert. Date:	09/26/2023
Linearity File No.:	01248	Lin. Date:	09/26/2023
Solution File No.:	01253	Soln. Date:	11/22/2023
Sequential File No.:	01253	File Date:	11/22/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0222
Solution Control Lot:	22070	Expires:	02/17/2024
		Bottle No.:	1216

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	22:23S		
Control 1 EC	0.098%	22:24S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	22:24S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:25S		
Control 2 EC	0.098%	22:25S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	22:25S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:26S		
Control 3 EC	0.098%	22:27S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	22:27S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:27S		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: CARDONE

First Name: ANTHONY

MI: D

Signature: _____



Badge No.: 4047

Date: 11/22/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	Calib. No.:	00051
Calibration File No.:	01246	Cert. Date:	09/26/2023
Certification File No.:	01247	Lin. Date:	09/26/2023
Linearity File No.:	01248	Soln. Date:	10/22/2023
Solution File No.:	01250	File Date:	10/22/2023
Sequential File No.:	01250		
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0222
Solution Control Lot:	22070	Expires:	02/17/2024
		Bottle No.:	1211

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	01:45D		
Control 1 EC	0.100%	01:46D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	01:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:47D		
Control 2 EC	0.099%	01:47D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	01:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:48D		
Control 3 EC	0.099%	01:49D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	01:49D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:49D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: SILK

First Name: JASON

MI: J

Signature: _____



Badge No.: 4049

Date: 10/22/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.		
Calibration File No.:	01222	Calib. Date:	05/17/2023
Certification File No.:	01223	Cert. Date:	05/17/2023
Linearity File No.:	01224	Lin. Date:	05/17/2023
Solution File No.:	01245	Soln. Date:	09/14/2023
Sequential File No.:	01245	File Date:	09/14/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0225
Solution Control Lot:	22160	Expires:	05/09/2024
		Bottle No.:	0177

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	01:12D		
Control 1 EC	0.101%	01:12D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	01:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:13D		
Control 2 EC	0.100%	01:14D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	01:14D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:14D		
Control 3 EC	0.100%	01:15D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	01:15D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:16D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: SILK

First Name: JASON

MI: J

Signature: _____



Badge No.: 4049

Date: 09/14/2023

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARTN-0053
Location: FLORENCE TOWNSHIP P.D.
Calibration File No.: 01222 Calib. Date: 05/17/2023 Calib. No.: 00050
Certification File No.: 01223 Cert. Date: 05/17/2023 Cert. No.: 00042
Linearity File No.: 01224 Lin. Date: 05/17/2023 Lin. No.: 00041
Solution File No.: 01243 Soln. Date: 08/14/2023 Soln. No.: 00291
Sequential File No.: 01243 File Date: 08/14/2023

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUM S3-0225
Control Solution %: 0.100% Expires: 04/04/2024
Solution Control Lot: 22110 Bottle No.: 1429

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	01:09D		
Control 1 EC	0.096%	01:10D	33.8°C	*** TEST PASSED ***
Control 1 IR	0.097%	01:10D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:17D		
Control 2 EC	0.096%	01:18D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.098%	01:18D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:19D		
Control 3 EC	0.098%	01:19D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	01:19D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:20D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: SILK

First Name: JASON

MI: J

Signature: _____



Badge No.: 4049

Date: 08/14/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	Calib. No.:	00050
Calibration File No.:	01222	Calib. Date:	05/17/2023
Certification File No.:	01223	Cert. Date:	05/17/2023
Linearity File No.:	01224	Lin. Date:	05/17/2023
Solution File No.:	01236	Soln. Date:	07/15/2023
Sequential File No.:	01236	File Date:	07/15/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUM S3-0225
Solution Control Lot:	22160	Expires:	05/09/2024
		Bottle No.:	0335

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	03:55D		
Control 1 EC	0.101%	03:55D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	03:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	03:56D		
Control 2 EC	0.100%	03:57D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	03:57D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	03:57D		
Control 3 EC	0.100%	03:58D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	03:58D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	03:59D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: SILK

First Name: JASON

MI: J

Signature: _____



Badge No.: 4049

Date: 07/15/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	01222	Calib. Date: 05/17/2023
Certification File No.:	01223	Cert. No.: 00050
Linearity File No.:	01224	Cert. Date: 05/17/2023
Solution File No.:	01231	Lin. No.: 00041
Sequential File No.:	01231	Lin. Date: 05/17/2023
		Soln. No.: 00289
		Soln. Date: 06/16/2023
		File Date: 06/16/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUM S3-0225
Solution Control Lot:	22110	Expires: 04/04/2024
		Bottle No.: 1456

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:45D		
Control 1 EC	0.101%	11:46D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	11:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:46D		
Control 2 EC	0.100%	11:47D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:48D		
Control 3 EC	0.100%	11:48D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	11:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:49D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: SADAR.

First Name: TIMOTHY

MI: J

Signature: _____



Badge No.: 4035

Date: 06/16/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	01206	Calib. Date: 12/28/2022
Certification File No.:	01207	Calib. No.: 00049
Linearity File No.:	01208	Cert. Date: 12/28/2022
Solution File No.:	01220	Cert. No.: 00041
Sequential File No.:	01220	Lin. Date: 12/28/2022
		Lin. No.: 00040
		Soln. Date: 05/01/2023
		Soln. No.: 00287
		File Date: 05/01/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: 4
Solution Control Lot:	22070	Expires: 02/17/2024
		Bottle No.: 1214

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	06:32D		
Control 1 EC	0.103%	06:33D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	06:33D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:33D		
Control 2 EC	0.101%	06:34D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	06:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:35D		
Control 3 EC	0.102%	06:35D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	06:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:36D		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: LLOYD

First Name: MATTHEW

MI: T

Signature: _____



Badge No.: 4059

Date: 05/01/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.		
Calibration File No.:	01206	Calib. Date:	12/28/2022
Certification File No.:	01207	Cert. Date:	12/28/2022
Linearity File No.:	01208	Lin. Date:	12/28/2022
Solution File No.:	01217	Soln. Date:	03/28/2023
Sequential File No.:	01217	File Date:	03/28/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	4
Solution Control Lot:	22070	Expires:	02/17/2024
		Bottle No.:	0907

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	05:30S		
Control 1 EC	0.103%	05:31S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	05:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	05:32S		
Control 2 EC	0.101%	05:32S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	05:32S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	05:33S		
Control 3 EC	0.101%	05:34S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	05:34S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	05:34S		

All tests within acceptable tolerance.


On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: CARDONE

First Name: ANTHONY

MI: D

Signature: 

Badge No.: 4047

Date: 03/28/2023

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARTN-0053
Location:	FLORENCE TOWNSHIP P.D.	
Calibration File No.:	01206	Calib. Date: 12/28/2022
Certification File No.:	01207	Calib. No.: 00049
Linearity File No.:	01208	Cert. Date: 12/28/2022
Solution File No.:	01212	Cert. No.: 00041
Sequential File No.:	01212	Lin. Date: 12/28/2022
		Lin. No.: 00040
		Soln. Date: 01/26/2023
		Soln. No.: 00284
		File Date: 01/26/2023
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDUM S3-0222
Solution Control Lot:	22110	Expires: 04/04/2024
		Bottle No.: 0602

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	02:51S		
Control 1 EC	0.101%	02:52S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	02:52S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	02:52S		
Control 2 EC	0.100%	02:53S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	02:53S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	02:54S		
Control 3 EC	0.100%	02:54S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	02:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	02:55S		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: CARDONE

First Name: ANTHONY

MI: D

Signature: 

Badge No.: 4047

Date: 01/26/2023