

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 01158 Calib. Date: 02/27/2024 Calib. No.: 00050
Certification File No.: 01159 Cert. Date: 02/27/2024 Cert. No.: 00043
Linearity File No.: 01160 Lin. Date: 02/27/2024 Lin. No.: 00043
Solution File No.: 01167 Soln. Date: 04/14/2024 Soln. No.: 00340
Sequential File No.: 01167 File Date: 04/14/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0012
Control Solution %: 0.100% Expires: 01/09/2026
Solution Control Lot: 24020 Bottle No.: 0906

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	01:14D		
Control 1 EC	0.103%	01:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.103%	01:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:16D		
Control 2 EC	0.101%	01:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	01:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:17D		
Control 3 EC	0.101%	01:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	01:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	01:19D		

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: REGALBUTO

First Name: AUSTIN

MI: --

Signature: _____

Badge No.: 78

Date: 04/14/2024

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 01158 Calib. Date: 02/27/2024 Calib. No.: 00050
Certification File No.: 01159 Cert. Date: 02/27/2024 Cert. No.: 00043
Linearity File No.: 01160 Lin. Date: 02/27/2024 Lin. No.: 00043
Solution File No.: 01164 Soln. Date: 03/11/2024 Soln. No.: 00339
Sequential File No.: 01164 File Date: 03/11/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0012
Control Solution %: 0.100% Expires: 01/09/2026
Solution Control Lot: 24020 Bottle No.: 1381

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:51S		
Control 1 EC	0.098%	20:51S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	20:51S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:52S		
Control 2 EC	0.098%	20:53S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	20:53S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:54S		
Control 3 EC	0.099%	20:55S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	20:55S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:55S		

All tests within acceptable tolerance.

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Date: 03/11/2024

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARUM-0073
Location:	MERCHANTVILLE POLICE	
Calibration File No.:	01158	Calib. Date: 02/27/2024
Certification File No.:	01159	Calib. No.: 00050
Linearity File No.:	01160	Cert. Date: 02/27/2024
Solution File No.:	01163	Cert. No.: 00043
Sequential File No.:	01163	Lin. Date: 02/27/2024
		Lin. No.: 00043
		Soln. Date: 03/11/2024
		Soln. No.: 00338
		File Date: 03/11/2024
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWA S3-0012
Solution Control Lot:	24020	Expires: 01/09/2026
		Bottle No.: 1482

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	19:18S		
Control 1 EC	-.---%	19:19S	23.2°C	SIMULATOR TEMP. ERROR
Control 1 IR	-.---%	19:19S	23.2°C	SIMULATOR TEMP. ERROR
Ambient Air Blank	-.---%	--:--		
Control 2 EC	-.---%	--:--	N/A	
Control 2 IR	-.---%	--:--	N/A	
Ambient Air Blank	-.---%	--:--		
Control 3 EC	-.---%	--:--	N/A	
Control 3 IR	-.---%	--:--	N/A	
Ambient Air Blank	-.---%	--:--		

Test results are not within acceptable range.

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

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Date: 03/11/2024



State of New Jersey

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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: 01/22/2024

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 24020

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1194 to 0.1212 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 9, 2026.

As 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
Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 25 day of January, 2024.

Notary

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



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Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 01144 Calib. Date: 10/20/2023 Calib. No.: 00049
Certification File No.: 01145 Cert. Date: 10/20/2023 Cert. No.: 00042
Linearity File No.: 01146 Lin. Date: 10/20/2023 Lin. No.: 00042
Solution File No.: 01157 Soln. Date: 02/16/2024 Soln. No.: 00336
Sequential File No.: 01157 File Date: 02/16/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 05/09/2024
Solution Control Lot: 22160 Bottle No.: 0775

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:32S		
Control 1 EC	0.102%	12:33S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:34S		
Control 2 EC	0.100%	12:34S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.101%	12:34S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:35S		
Control 3 EC	0.100%	12:36S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	12:36S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:37S		

All tests within acceptable tolerance.

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Date: 02/16/2024

Calibrating Unit

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Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
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Calibration File No.: 01144 Calib. Date: 10/20/2023 Calib. No.: 00049
Certification File No.: 01145 Cert. Date: 10/20/2023 Cert. No.: 00042
Linearity File No.: 01146 Lin. Date: 10/20/2023 Lin. No.: 00042
Solution File No.: 01156 Soln. Date: 01/09/2024 Soln. No.: 00335
Sequential File No.: 01156 File Date: 01/09/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 05/09/2024
Solution Control Lot: 22160 Bottle No.: 0885

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:08S		
Control 1 EC	0.100%	09:08S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:08S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09S		
Control 2 EC	0.100%	09:10S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:11S		
Control 3 EC	0.101%	09:12S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:12S		

All tests within acceptable tolerance.

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Date: 01/09/2024

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Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 01144 Calib. Date: 10/20/2023 Calib. No.: 00049
Certification File No.: 01145 Cert. Date: 10/20/2023 Cert. No.: 00042
Linearity File No.: 01146 Lin. Date: 10/20/2023 Lin. No.: 00042
Solution File No.: 01155 Soln. Date: 01/09/2024 Soln. No.: 00334
Sequential File No.: 01155 File Date: 01/09/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 05/09/2024
Solution Control Lot: 22160 Bottle No.: 0747

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	07:37S		
Control 1 EC	0.089%	07:38S	33.8°C	CONTROL TEST FAILED
Control 1 IR	0.089%	07:38S	33.8°C	CONTROL TEST FAILED
Ambient Air Blank	0.000%	07:49S		
Control 2 EC	0.091%	07:50S	33.9°C	CONTROL TEST FAILED
Control 2 IR	0.093%	07:50S	33.9°C	CONTROL TEST FAILED
Ambient Air Blank	0.000%	07:51S		
Control 3 EC	0.093%	07:52S	33.9°C	CONTROL TEST FAILED
Control 3 IR	0.096%	07:52S	33.9°C	CONTROL TEST FAILED
Ambient Air Blank	0.000%	07:53S		

Test results are not within acceptable range.

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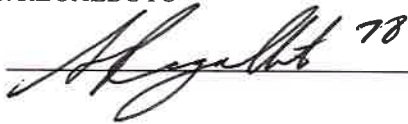
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Date: 01/09/2024