



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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CHRIS CHRISTIE

Governor

JEFFREY S. CHIESA

Attorney General

KIM GUADAGNO

Lt. Governor

COLONEL JOSEPH R. FUENTES

Superintendent

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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 5/8/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12D101

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1216 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 25, 2014.

As Forensic Scientist III 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.

Handwritten signature of Monica L. Tramontin

Monica L. Tramontin
Forensic Scientist III
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15th day of May, 2012.

Handwritten signature of Linda L. Desantis
Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 8-17-14



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
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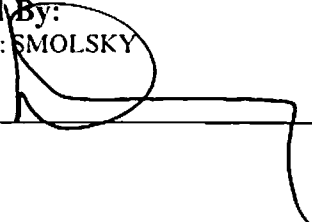
Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	01196	Calib. Date: 06/22/2012
Certification File No.:	01197	Calib. No.: 00016
Linearity File No.:	01198	Cert. Date: 06/22/2012
Solution File No.:	01210	Cert. No.: 00013
Sequential File No.:	01210	Lin. Date: 06/22/2012
		Lin. No.: 00013
		Soln. Date: 08/14/2012
		Soln. No.: 00130
		File Date: 08/14/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWH S3-0286
Solution Control Lot:	10J083	Expires: 10/04/2012
		Bottle No.: 0355

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:52D		
Control 1 EC	0.099%	08:53D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:53D		
Control 2 EC	0.098%	08:54D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:54D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:55D		
Control 3 EC	0.098%	08:55D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56D		

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: SMOLSKY First Name: K MI: P
 Signature:  Badge No.: 1114 Date: 08/14/2012

Calibrating Unit New Standard Solution Report

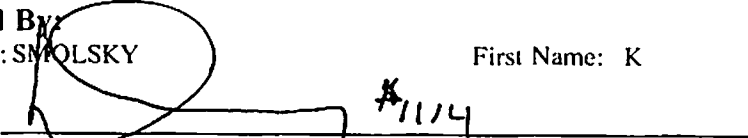
Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	01196	Calib. Date: 06/22/2012
Certification File No.:	01197	Calib. No.: 00016
Linearity File No.:	01198	Cert. Date: 06/22/2012
Solution File No.:	01206	Cert. No.: 00013
Sequential File No.:	01206	Lin. Date: 06/22/2012
		Lin. No.: 00013
		Soln. Date: 07/20/2012
		Soln. No.: 00129
		File Date: 07/20/2012

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDWH S3-0286
Control Solution %:	0.100%		Expires: 10/04/2012
Solution Control Lot:	10J083		Bottle No.: 0360

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:46D		
Control 1 EC	0.100%	11:46D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:47D		
Control 2 EC	0.099%	11:48D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:48D		
Control 3 EC	0.099%	11:49D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:49D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:50D		

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: SMOLSKY	First Name: K		MI: P
Signature: 	Badge No.: 1114		Date: 07/20/2012

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWA-0186
Location: FRANKLIN TOWNSHIP P.D.
Calibration File No.: 01161 Calib. Date: 01/10/2012 Calib. No.: 00015
Certification File No.: 01162 Cert. Date: 01/10/2012 Cert. No.: 00012
Linearity File No.: 01163 Lin. Date: 01/10/2012 Lin. No.: 00012
Solution File No.: 01195 Soln. Date: 06/19/2012 Soln. No.: 00127
Sequential File No.: 01195 File Date: 06/19/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0289
Control Solution %: 0.100% Expires: 10/04/2012
Solution Control Lot: 10J083 Bottle No.: 0370

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:50D		
Control 1 EC	0.099%	14:50D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:50D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:51D		
Control 2 EC	0.098%	14:51D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:52D		
Control 3 EC	0.099%	14:53D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:53D		

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: SMOLSKY

First Name: K

MI: P

Signature: 

Badge No.: 1114

Date: 06/19/2012

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	01161	Calib. Date: 01/10/2012
Certification File No.:	01162	Calib. No.: 00015
Linearity File No.:	01163	Cert. Date: 01/10/2012
Solution File No.:	01190	Cert. No.: 00012
Sequential File No.:	01190	Lin. Date: 01/10/2012
		Lin. No.: 00012
		Soln. Date: 05/21/2012
		Soln. No.: 00126
		File Date: 05/21/2012

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDWH S3-0289
Control Solution %:	0.100%		Expires: 10/04/2012
Solution Control Lot:	10J083		Bottle No.: 0375

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:55D		
Control 1 EC	0.099%	08:55D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:56D		
Control 2 EC	0.099%	08:57D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:57D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:57D		
Control 3 EC	0.099%	08:58D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:58D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:59D		

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.

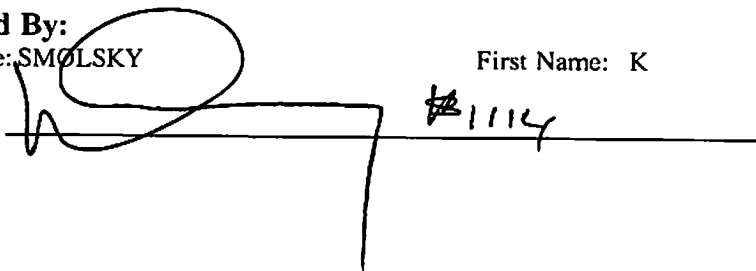
Changed By:

Last Name: SMOLSKY

First Name: K

MI: P

Signature: _____



#1114

Badge No.: 1114

Date: 05/21/2012

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.		
Calibration File No.:	01161	Calib. Date:	01/10/2012
Certification File No.:	01162	Cert. Date:	01/10/2012
Linearity File No.:	01163	Lin. Date:	01/10/2012
Solution File No.:	01182	Soln. Date:	04/26/2012
Sequential File No.:	01182	File Date:	04/26/2012
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDWH S3-0289
Solution Control Lot:	10J083	Expires:	10/04/2012
		Bottle No.:	0354

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:52D		
Control 1 EC	0.099%	13:52D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:52D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:53D		
Control 2 EC	0.099%	13:54D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:54D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:55D		
Control 3 EC	0.100%	13:55D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:56D		

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: SMOLSKY

First Name: K

MI: P

Signature: _____

Badge No.: 1114

Date: 04/26/2012

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWA-0186
Location: FRANKLIN TOWNSHIP P.D.
Calibration File No.: 01161 **Calib. Date:** 01/10/2012 **Calib. No.:** 00015
Certification File No.: 01162 **Cert. Date:** 01/10/2012 **Cert. No.:** 00012
Linearity File No.: 01163 **Lin. Date:** 01/10/2012 **Lin. No.:** 00012
Solution File No.: 01179 **Soln. Date:** 03/30/2012 **Soln. No.:** 00124
Sequential File No.: 01179 **File Date:** 03/30/2012

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDWH S3-0289
Control Solution %: 0.100% **Expires:** 10/04/2012
Solution Control Lot: 10J083 **Bottle No.:** 0353

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:32S		
Control 1 EC	0.100%	10:33S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:34S		
Control 2 EC	0.100%	10:34S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:34S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:35S		
Control 3 EC	0.099%	10:36S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:36S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:37S		

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: SMOLSKY

First Name: K

MI: P

Signature: 

Badge No.: 1114

Date: 03/30/2012

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	01161	Calib. Date: 01/10/2012
Certification File No.:	01162	Calib. No.: 00015
Linearity File No.:	01163	Cert. Date: 01/10/2012
Solution File No.:	01175	Cert. No.: 00012
Sequential File No.:	01175	Lin. Date: 01/10/2012
		Lin. No.: 00012
		Soln. Date: 03/06/2012
		Soln. No.: 00123
		File Date: 03/06/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWH S3-0289
Solution Control Lot:	10J083	Expires: 10/04/2012
		Bottle No.: 0359

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:56S		
Control 1 EC	0.099%	09:57S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S		
Control 2 EC	0.099%	09:58S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:59S		
Control 3 EC	0.099%	10:00S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:00S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:00S		

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.

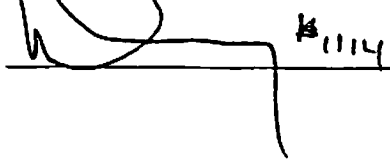
Changed By:

Last Name: SMOLSKY

First Name: K

MI: P

Signature: _____



Badge No.: 1114

Date: 03/06/2012

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	01161	Calib. Date: 01/10/2012
Certification File No.:	01162	Calib. No.: 00015
Linearity File No.:	01163	Cert. Date: 01/10/2012
Solution File No.:	01174	Cert. No.: 00012
Sequential File No.:	01174	Lin. Date: 01/10/2012
		Lin. No.: 00012
		Soln. Date: 03/06/2012
		Soln. No.: 00122
		File Date: 03/06/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWH S3-0289
Solution Control Lot:	10J083	Expires: 10/04/2012
		Bottle No.: 0359

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:44S		
Control 1 EC	-.---%	08:45S	33.9°C	CTRL GAS SUPPLY
Control 1 IR	-.---%	08:45S	33.9°C	CTRL GAS SUPPLY
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.

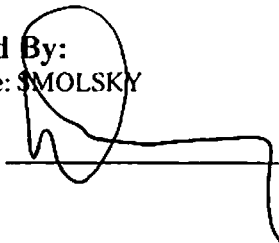
Changed By:

Last Name: SMOLSKY

First Name: K

MI: P

Signature: _____



Badge No.: 1114

Date: 03/06/2012

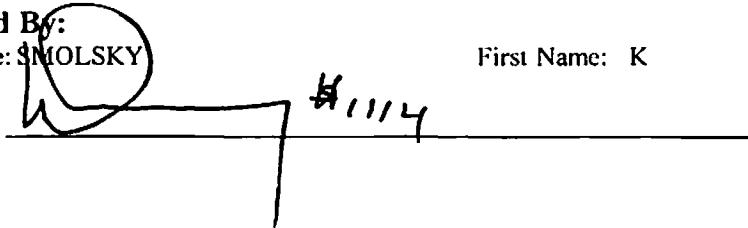
Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARWA-0186
Location:	FRANKLIN TOWNSHIP P.D.	
Calibration File No.:	01161	Calib. Date: 01/10/2012
Certification File No.:	01162	Calib. No.: 00015
Linearity File No.:	01163	Cert. Date: 01/10/2012
Solution File No.:	01168	Cert. No.: 00012
Sequential File No.:	01168	Lin. Date: 01/10/2012
		Lin. No.: 00012
		Soln. Date: 02/07/2012
		Soln. No.: 00121
		File Date: 02/07/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDWH S3-0289
Solution Control Lot:	10J083	Expires: 10/04/2012
		Bottle No.: 0364

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:38S		
Control 1 EC	0.100%	14:38S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:38S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:39S		
Control 2 EC	0.099%	14:40S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:40S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:40S		
Control 3 EC	0.100%	14:41S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:41S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:42S		

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: SMOLSKY First Name: K MI: P
 Signature:  Badge No.: 1114
 Date: 02/07/2012