



**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

CHRIS CHRISTIE  
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KIM GUADAGNO  
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*Acting Attorney General*

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*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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Dräger Safety, Inc.

ANALYSIS DATE: 10/17/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131112

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 0.1218 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 September 10, 2015.

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. Alaouie, Ph.D.  
 Research Scientist  
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21st day of October, 2013.

Mary E. Medaughen  
 Notary

MARY ELIZABETH MCLAUGHLIN  
 NOTARY PUBLIC OF NEW JERSEY  
 MY COMMISSION EXPIRES 12-24-2013



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# Calibrating Unit New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARZL-0146
Location:	WALL TOWNSHIP POLICE	
Calibration File No.:	00722	Calib. Date: 04/11/2014
Certification File No.:	00723	Cert. No.: 00016
Linearity File No.:	00724	Cert. Date: 04/11/2014
Solution File No.:	00732	Lin. No.: 00013
Sequential File No.:	00732	Lin. Date: 04/11/2014
		Soln. No.: 00155
		Soln. Date: 04/25/2014
		File Date: 04/25/2014
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXB S3-114
Solution Control Lot:	13G115	Expires: 07/18/2015
		Bottle No.: 1206

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:37D		
Control 1 EC	0.099%	13:38D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:38D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:38D		
Control 2 EC	0.099%	13:39D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:40D		
Control 3 EC	0.100%	13:40D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:41D		

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: KAZANOWSKY

First Name: PTL

MI: A

Signature: \_\_\_\_\_

*PTL Kazanowsky*

Badge No.: 129

Date: 04/25/2014