Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00501	Soln. Date:	10/20/2015	Soln. No.:	00155
Sequential File No.:	00501	File Date:	10/20/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0500

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

All tests within acceptable tolerance.

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

Changed By:

Last Name: SHEPARD First Name: DENNIS MI: E

Signature:

Badge No.: 3404

Date: 10/20/2015

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00500	Soln. Date:	09/23/2015	Soln. No.:	00154
Sequential File No.:	00500	File Date:	09/23/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0487

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	23:36D		
Control 1 EC	0.101%	23:36D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	23:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	23:37D		
Control 2 EC	0.102%	23:37D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	23:37D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	23:38D		
Control 3 EC	0.101%	23:39D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	23:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	23:39D		

All tests within acceptable tolerance.

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

Changed By:

Last Name: GRAHAM First Name: PTL MI: D

Signature: PTL #3412

Badge No.: 3412

Date: 09/23/2015

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00485 — Calib. Date: 05/07/2015 — Calib. No.: 00024
Certification File No.: 00486 — Cert. Date: 05/07/2015 — Cert. No.: 00020
Linearity File No.: 00487 — Lin. Date: 05/07/2015 — Lin. No.: 00020
Solution File No.: 00496 — Soln. Date: 08/25/2015 — Soln. No.: 00153
Sequential File No.: 00496 — File Date: 08/25/2015

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 02/14/2016
Solution Control Lot: 14B127 — Bottle No.: 0496

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:20D		
Control 1 EC	0.101%	20:21D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.103%	20:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:21D		
Control 2 EC	0.102%	20:22D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	20:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:23D		
Control 3 EC	0.102%	20:23D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	20:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:24D		

All tests within acceptable tolerance.

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

Changed By:
Last Name: SHEPARD — First Name: DENNIS — MI: E
Signature: 3404 — Badge No.: 3404
Date: 08/25/2015

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00493	Soln. Date:	07/28/2015	Soln. No.:	00152
Sequential File No.:	00493	File Date:	07/28/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0491

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:15D		
Control 1 EC	0.100%	20:15D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.103%	20:15D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:16D		
Control 2 EC	0.102%	20:16D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	20:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:17D		
Control 3 EC	0.101%	20:18D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	20:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:18D		

All tests within acceptable tolerance.

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

Changed By:

Last Name: SHEPARD First Name: DENNIS MI: E

Signature: _____ Badge No.: 3411

Date: 07/28/2015

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00492	Soln. Date:	06/30/2015	Soln. No.:	00151
Sequential File No.:	00492	File Date:	06/30/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0486

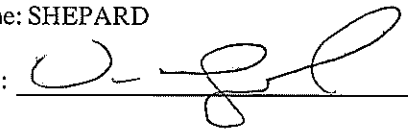
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:59D		
Control 1 EC	0.101%	13:00D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	13:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:00D		
Control 2 EC	0.102%	13:01D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	13:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01D		
Control 3 EC	0.102%	13:02D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:02D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:03D		

All tests within acceptable tolerance.

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

Changed By:

Last Name: SHEPARD First Name: DENNIS MI: -

Signature: 

Badge No.: 3411

Date: 06/30/2015

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00491	Soln. Date:	06/03/2015	Soln. No.:	00150
Sequential File No.:	00491	File Date:	06/03/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0494

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	05:18D		
Control 1 EC	0.103%	05:19D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.103%	05:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	05:19D		
Control 2 EC	0.103%	05:20D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.103%	05:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	05:21D		
Control 3 EC	0.103%	05:21D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.102%	05:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	05:22D		

All tests within acceptable tolerance.

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

Changed By:

Last Name: SHEPARD First Name: DENNIS MI: E

Signature:

Badge No.: 3436

Date: 06/03/2015

Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00481	Cert. Date:	02/12/2015	Cert. No.:	00019
Linearity File No.:	00482	Lin. Date:	02/12/2015	Lin. No.:	00019
Solution File No.:	00484	Soln. Date:	04/23/2015	Soln. No.:	00148
Sequential File No.:	00485	File Date:	05/07/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	09/23/2015
Solution Control Lot:	13I123			Bottle No.:	1247

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Sgt. Michelle Gonc #6040 Badge No.: 6040

Date: 05/07/2015

*Black Key Temperature Probe Serial.....# DDUNP2-231 MG

*Digital NIST Temperature Measuring System Serial.....# 130602271 MG

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 I - Control Tests

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00482	Lin. Date:	02/12/2015	Lin. No.:	00019
Solution File No.:	00484	Soln. Date:	04/23/2015	Soln. No.:	00148
Sequential File No.:	00486	File Date:	05/07/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	09/23/2015
Solution Control Lot:	13I123			Bottle No.:	1247

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:45D		
Control 1 EC	0.100%	13:45D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	13:45D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:46D		
Control 2 EC	0.101%	13:46D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	13:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:47D		
Control 3 EC	0.100%	13:47D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:47D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:48D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Sgt. Michelle L. Gonçalves Badge No.: 6040

Date: 05/07/2015

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.: ARNK-0038

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00484	Soln. Date:	04/23/2015	Soln. No.:	00148
Sequential File No.:	00487	File Date:	05/07/2015		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDMK S3-0003
Control Solution %:	0.040%			Expires:	09/13/2015
Solution Control Lot:	13I120			Bottle No.:	1328

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDAE-0022
Control Solution %:	0.080%			Expires:	09/16/2015
Solution Control Lot:	13I121			Bottle No.:	0477

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCN-0052
Control Solution %:	0.160%			Expires:	08/05/2016
Solution Control Lot:	14H131			Bottle No.:	0840

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:58D		
Control 1 EC	0.040%	13:59D	33.8°C	*** TEST PASSED ***
Control 1 IR	0.041%	13:59D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:00D		
Control 2 EC	0.040%	14:00D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	14:00D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:02D		
Control 3 EC	0.081%	14:02D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.082%	14:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:03D		
Control 4 EC	0.081%	14:04D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	14:04D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:05D		
Control 5 EC	0.161%	14:06D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.162%	14:06D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:07D		
Control 6 EC	0.162%	14:08D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.162%	14:08D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:09D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Sgt Michelle Goncalves #6040 Badge No.: 6040

Date: 05/07/2015

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00485	Calib. Date:	05/07/2015	Calib. No.:	00024
Certification File No.:	00486	Cert. Date:	05/07/2015	Cert. No.:	00020
Linearity File No.:	00487	Lin. Date:	05/07/2015	Lin. No.:	00020
Solution File No.:	00488	Soln. Date:	05/07/2015	Soln. No.:	00149
Sequential File No.:	00488	File Date:	05/07/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0497

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

All tests within acceptable tolerance.

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

Temperature Probe Serial Number: DDSF P2 - 0438 (MG)

Changed By:

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040

Date: 05/07/2015

Dräger

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 Safety Diagnostics, Inc.

- [x] Model: ALCOTEST® CU34
- [ ] Model: MARK IIA
- [ ] Other: _____

Serial Number: DDUKS3-0130

Certification Date	Technician	Re-Certification Due Date
1-26-15	BC	1-26-16

Dräger

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 Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe	Certification date:	Next Certification due:
DDSF P2-0438	1-26-15	1-26-16

Probe Value: 107

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date: 4-23-15

SERIAL NUMBER: ARNK-0038

Draeger Safety Diagnostics, Inc. BC

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
Governor

KIM GUADAGNO
Lt. Governor

JOHN J. HOFFMAN
Acting Attorney General

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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 3/27/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14B127

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1219 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 February 14, 2016.

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 28th day of March, 2014.

Notary

JOHN R LEAVER
ID # 2207138
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017

CERTIFICATE

This is to certify that

Michelle Goncalves

has successfully completed the two day Draeger Safety Diagnostics, Inc. Alcohol Coordinator Training Course on the New Jersey specific Alcotest® 7110 MKIII-C and is hereby certified as a qualified

Operator Trainer and Maintenance Technician

Completion of this course qualifies this individual to train and certify Operators in the proper use and operation as well as perform Preventive Maintenance on the New Jersey specific Alcotest® 7110 MKIII-C.

Date: March 14, 2012

Instructor: Hansuell Ryser

Dräger

Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1, and 9001

Calibration Certificate No. 1750.01

Cert. No.: 4000-5427014

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087

Instrument Identification:

Model: 61220-601 S/N: 130602271 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B48Z9-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	11/09/13	1000327261
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B15388		
Digital Thermometer	B15815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

Certificate Information:

Technician: 68 Procedure: CAL-08 Cal Date: 10/08/13 Cal Due: 10/08/15

Test Conditions: 24.0°C 37.0 %RH 1017 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		-0.001	0.000	Y	-0.051	0.049	0.013	3.8:1
°C		N.A.		25.001	25.000	Y	24.951	25.051	0.023	2.2:1
°C		N.A.		50.003	50.001	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.994	Y	99.951	100.051	0.018	2.8:1

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = As Left Nominal(Rounded) - Tolerance; Max = As Left Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Aaron Judice, Technical Manager

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Traceable® is a registered trademark of Control Company

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DEPARTMENT OF
Law and Public Safety

Michelle M. Gonçalves
New Jersey State Police

Alcotest 7110 MKIII-C

15th day of December

Eleven

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	12-3-13	GCPA	Winters
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2318 (Rev. 03/10)

DEPARTMENT OF
Law and Public Safety

Michelle Gonçalves
New Jersey State Police

Breath Test Operator/Instructor

13th day of March

Twelve

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2318 (Rev. 03/10)

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lieutenant Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CRIMINAL JUSTICE
PO BOX 085
TRENTON, NJ 08625-0085
TELEPHONE: (609) 984-6500

JEFFREY S. CHIESA
Attorney General

STEPHEN J. TAYLOR
Director

March 23, 2012

Col. Joseph R. Fuentes, Superintendent
Division of State Police
Division Headquarters
P.O. Box 7068
West Trenton, New Jersey 08628

Re: Breath Test Coordinator/Instructor, Certification -
Detective I Michelle L. Goncalves #6040

Dear Col. Fuentes:

Pursuant to the provisions of *N.J.A.C.* 13:51-2.1 (b) and (c), as adopted and promulgated under the provisions of *N.J.S.A.* 39:4-50.3, 39:3-10.25 and 12:7-56, I hereby approve Detective I Michelle L. Goncalves #6040, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Jeffrey S. Chiesa
Attorney General

c. Detective I Michelle L. Goncalves, Alcohol/Drug Test Unit, Division of State Police
DSFC Patrick Guilfoy, Unit Head, Alcohol/Drug Test Unit, Division of State Police

Dräger

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 Safety Diagnostics, Inc.

Ø Model: ALCOTEST® CU34
○ Model: MARK IIA
○ Other: _____

Serial Number: DDMKS3-0003

Certification Date	Technician	Re-Certification Due Date
9-19-14	BC	9-19-15

Dräger

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 Safety Diagnostics, Inc.

Ø Model: ALCOTEST® CU34
○ Model: MARK IIA
○ Other: _____

Serial Number: DDCN-0052

Certification Date	Technician	Re-Certification Due Date
9-22-14	BC	9-22-15

Dräger

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 Safety Diagnostics, Inc.

- ⊘ Model: ALCOTEST® CU34
- ○ Model: MARK IIA
- ○ Other: _____

Serial Number: DDAE-0022

Certification Date	Technician	Re-Certification Due Date
8-28-14	BC	8-28-15

Dräger

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 Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe	Certification date:	Next Certification due:
DDUP2-231	9-19-14	9-19-15

Probe Value: 107

Draeger Safety Diagnostics, Inc.
Technical Service Department: BC

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
Governor

KIM GUADAGNO
Lt. Governor

JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. ANALYSIS DATE: 10/25/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13I120

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0489 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 13, 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 28th day of October 2013.

Notary

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

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

KIM GUADAGNO
Lt. Governor

JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. ANALYSIS DATE: 10/31/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13I121

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0959 to 0.0971 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 16, 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 1st day of November 2013.

Mary E. McLaughlin
Notary

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

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
Governor

KIM GUADAGNO
Lt. Governor

JOHN J. HOFFMAN
Acting Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. ANALYSIS DATE: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 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 August 5, 2016.

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 18th day of August, 2014.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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WEST TRENTON, NJ 08628-0068
(609) 882-2000

JOHN J. HOFFMAN
Acting Attorney General

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 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc. **ANALYSIS DATE:** 10/23/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131122

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1212 to 0.1222 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 17, 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 28th day of October, 2013.

Linda L. DeSantis
Notary

Linda L. DeSantis
Notary Public, New Jersey
My Commission Expires 6-17-14