Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00555 — Calib. Date: 02/15/2017 — Calib. No.: 00028
Certification File No.: 00556 — Cert. Date: 02/15/2017 — Cert. No.: 00024
Linearity File No.: 00557 — Lin. Date: 02/15/2017 — Lin. No.: 00024
Solution File No.: 00569 — Soln. Date: 07/20/2017 — Soln. No.: 00182
Sequential File No.: 00569 — File Date: 07/20/2017

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 06/07/2018
Solution Control Lot: 16140 — Bottle No.: 0875

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:09D		
Control 1 EC	0.102%	12:10D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:10D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:10D		
Control 2 EC	0.101%	12:11D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:11D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:12D		
Control 3 EC	0.101%	12:12D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:13D		

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.: 3403
Date: 07/20/2017

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00555 — Calib. Date: 02/15/2017 — Calib. No.: 00028
Certification File No.: 00556 — Cert. Date: 02/15/2017 — Cert. No.: 00024
Linearity File No.: 00557 — Lin. Date: 02/15/2017 — Lin. No.: 00024
Solution File No.: 00567 — Soln. Date: 06/14/2017 — Soln. No.: 00181
Sequential File No.: 00567 — File Date: 06/14/2017

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 06/07/2018
Solution Control Lot: 16140 — Bottle No.: 0906

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:53D		
Control 1 EC	0.101%	11:54D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	11:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:54D		
Control 2 EC	0.101%	11:55D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.102%	11:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:55D		
Control 3 EC	0.101%	11:56D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	11:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:56D		

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.: 3403
Date: 06/14/2017

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00555	Calib. Date:	02/15/2017	Calib. No.:	00028
Certification File No.:	00556	Cert. Date:	02/15/2017	Cert. No.:	00024
Linearity File No.:	00557	Lin. Date:	02/15/2017	Lin. No.:	00024
Solution File No.:	00563	Soln. Date:	05/16/2017	Soln. No.:	00180
Sequential File No.:	00563	File Date:	05/16/2017		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	06/07/2018
Solution Control Lot:	16140			Bottle No.:	0895

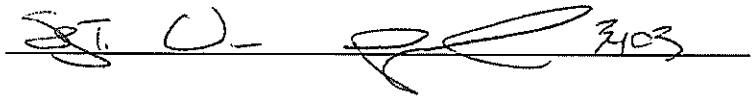
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:51D		
Control 1 EC	0.101%	11:52D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.102%	11:52D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:52D		
Control 2 EC	0.101%	11:53D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	11:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:53D		
Control 3 EC	0.102%	11:54D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	11:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:55D		

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.: 3403

Date: 05/16/2017

Phone Line: 609-607-7719

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00555 — Calib. Date: 02/15/2017 — Calib. No.: 00028
Certification File No.: 00556 — Cert. Date: 02/15/2017 — Cert. No.: 00024
Linearity File No.: 00557 — Lin. Date: 02/15/2017 — Lin. No.: 00024
Solution File No.: 00562 — Soln. Date: 05/08/2017 — Soln. No.: 00179
Sequential File No.: 00562 — File Date: 05/08/2017

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 06/07/2018
Solution Control Lot: 16140 — Bottle No.: 1265

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:24D		
Control 1 EC	0.098%	11:24D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:25D		
Control 2 EC	0.098%	11:25D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:26D		
Control 3 EC	0.099%	11:27D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:27D		

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.: 3403
Date: 05/08/2017

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00555 — Calib. Date: 02/15/2017 — Calib. No.: 00028
Certification File No.: 00556 — Cert. Date: 02/15/2017 — Cert. No.: 00024
Linearity File No.: 00557 — Lin. Date: 02/15/2017 — Lin. No.: 00024
Solution File No.: 00561 — Soln. Date: 04/05/2017 — Soln. No.: 00178
Sequential File No.: 00561 — File Date: 04/05/2017

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 06/07/2018
Solution Control Lot: 16140 — Bottle No.: 1135

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:45D		
Control 1 EC	0.098%	10:46D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:46D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:47D		
Control 2 EC	0.099%	10:47D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:47D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:48D		
Control 3 EC	0.100%	10:48D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:48D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:49D		

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: GONCALVES — First Name: MICHELLE — MI: L
Signature: Sgt. Michelle Goncalves #6040 — Badge No.: 6040
Date: 04/05/2017

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00555 — Calib. Date: 02/15/2017 — Calib. No.: 00028
Certification File No.: 00556 — Cert. Date: 02/15/2017 — Cert. No.: 00024
Linearity File No.: 00557 — Lin. Date: 02/15/2017 — Lin. No.: 00024
Solution File No.: 00560 — Soln. Date: 03/17/2017 — Soln. No.: 00177
Sequential File No.: 00560 — File Date: 03/17/2017

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 06/07/2018
Solution Control Lot: 16140 — Bottle No.: 0900

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:12S		
Control 1 EC	0.100%	09:13S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:14S		
Control 2 EC	0.100%	09:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:15S		
Control 3 EC	0.100%	09:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:16S		

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: _____ 3403 — Badge No.: 3403
Date: 03/17/2017

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00555	Calib. Date:	02/15/2017	Calib. No.:	00028
Certification File No.:	00541	Cert. Date:	10/20/2016	Cert. No.:	00023
Linearity File No.:	00542	Lin. Date:	10/20/2016	Lin. No.:	00023
Solution File No.:	00554	Soln. Date:	01/20/2017	Soln. No.:	00175
Sequential File No.:	00555	File Date:	02/15/2017		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	09/07/2018
Solution Control Lot:	16220			Bottle No.:	1073

Coordinator

Last Name: GONCALVES — First Name: MICHELLE — MI: L

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

Date: 02/15/2017

*Black Key Temperature Probe Serial.....# DDUNP2-237 (MG)

*Digital NIST Temperature Measuring System Serial.....# 150734146 (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.:	00555	Calib. Date:	02/15/2017	Calib. No.:	00028
Certification File No.:	00556	Cert. Date:	02/15/2017	Cert. No.:	00024
Linearity File No.:	00542	Lin. Date:	10/20/2016	Lin. No.:	00023
Solution File No.:	00554	Soln. Date:	01/20/2017	Soln. No.:	00175
Sequential File No.:	00556	File Date:	02/15/2017		

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0130

Control Solution %: 0.100% Expires: 09/07/2018

Solution Control Lot: 16220 Bottle No.: 1073

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:12S		
Control 1 EC	0.100%	10:12S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:13S		
Control 2 EC	0.101%	10:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:14S		
Control 3 EC	0.101%	10:15S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16S		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

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

Date: 02/15/2017

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.:	00555	Calib. Date:	02/15/2017	Calib. No.:	00028
Certification File No.:	00556	Cert. Date:	02/15/2017	Cert. No.:	00024
Linearity File No.:	00557	Lin. Date:	02/15/2017	Lin. No.:	00024
Solution File No.:	00554	Soln. Date:	01/20/2017	Soln. No.:	00175
Sequential File No.:	00557	File Date:	02/15/2017		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDAE-0022
Control Solution %:	0.040%			Expires:	09/19/2018
Solution Control Lot:	16230			Bottle No.:	0358

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0193
Control Solution %:	0.080%			Expires:	09/27/2018
Solution Control Lot:	16250			Bottle No.:	1403

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCN-0052
Control Solution %:	0.160%			Expires:	10/03/2018
Solution Control Lot:	16260			Bottle No.:	0967

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:26S		
Control 1 EC	0.041%	10:27S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.041%	10:27S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:28S		
Control 2 EC	0.041%	10:29S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	10:29S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:30S		
Control 3 EC	0.081%	10:31S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	10:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:32S		
Control 4 EC	0.082%	10:33S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	10:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:34S		
Control 5 EC	0.159%	10:35S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	10:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:36S		
Control 6 EC	0.162%	10:37S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	10:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:38S		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

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

Date: 02/15/2017

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00555 — Calib. Date: 02/15/2017 — Calib. No.: 00028
Certification File No.: 00556 — Cert. Date: 02/15/2017 — Cert. No.: 00024
Linearity File No.: 00557 — Lin. Date: 02/15/2017 — Lin. No.: 00024
Solution File No.: 00558 — Soln. Date: 02/15/2017 — Soln. No.: 00176
Sequential File No.: 00558 — File Date: 02/15/2017

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0130
Control Solution %: 0.100% — Expires: 06/07/2018
Solution Control Lot: 16140 — Bottle No.: 1262

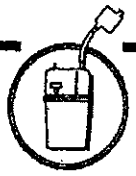
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:45S		
Control 1 EC	0.100%	11:45S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:45S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:46S		
Control 2 EC	0.100%	11:47S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:47S		
Control 3 EC	0.100%	11:48S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:48S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:49S		

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: DDSFP2-0438 (MG)

Changed By:
Last Name: GONCALVES — First Name: MICHELLE — MI: L
Signature: Sgt. Michelle Goncalves #6040 — Badge No.: 6040
Date: 02/15/2017



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: DDUKS3-0130

Certification Date	Technician	Re-Certification Due Date
10-11-16	JD	10-11-17

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:
DDSFP2-0438	10-11-16	10-11-17

Probe Value: 103

Draeger Safety Diagnostics, Inc.
Technical Service Department

JD

State of New Jersey

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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

CHRISTOPHER S. PORRINO
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:** 06/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16140

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 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 June 07, 2018.

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 June, 2016.

Mary E. McLaughlin
Notary

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

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HONOR STATE DUTY FIDELITY NJ

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

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

Cert. No.: 4000-7111002

Calibration Certificate No. 1750.01

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: 150734146 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15--A0P2S-20-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

Certificate Information:

Technician: 104 Procedure: CAL-06 Cal Date: 10/02/15 Due Date: 10/02/17

Test Conditions: 23.1°C 46.0 %RH 1016 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	0.001	Y	-0.051	0.049	0.013	3.8:1
°C		N.A.		24.999	25.001	Y	24.949	25.049	0.014	3.6:1
°C		N.A.		50.000	50.001	Y	49.950	50.050	0.014	3.6:1
°C		N.A.		100.002	100.000	Y	99.952	100.052	0.014	3.6:1

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
This is to certify that

Michelle L. Goncalves
New Jersey State Police

QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF
LAWS OF 1966 FOR THE OPERATION OF THE Alcotest 7110 MKIII-C
AND TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 15th DAY OF December
TWO THOUSAND AND SEVEN

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.	12-3-13	GCPA	Wm Ivins
2.	9/17/15	GCPA	Alcohol Sales Dev
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 2938 (Rev. 03/10)

DEPARTMENT OF
Law and Public Safety
This is to certify that

Michelle Goncalves
New Jersey State Police

QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF
LAWS OF 1966 FOR THE OPERATION OF THE Breath Test Coordinator/Instructor
AND TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF March
TWO THOUSAND AND Twelve

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

Refresher Course

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

S.P. 2938 (Rev. 02/12)

Dräger

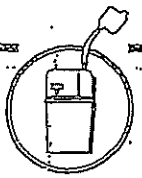
CERTIFICATE OF ACCURACY

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
8-9-16	BC	8-9-17



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: DDCN-0052

Certification Date	Technician	Re-Certification Due Date
9-28-16	JD	9-28-17

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: DDXD53-0193

Certification Date	Technician	Re-Certification Due Date
09-27-16		9-27-17

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:
DDUP2-237	9-30-16	9-30-17

Probe Value: 105

Draeger Safety Diagnostics, Inc.
Technical Service Department

State of New Jersey

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

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

CHRISTOPHER S. PORRINO
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: Dragger Safety, Inc. ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

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 0.1207 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 07, 2018.

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

Sworn to and subscribed before me this 2nd day of September, 2016.

Mary E. McLaughlin
Notary

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

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

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CERTIFICATION OF ANALYSIS
0.04 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: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

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 0.0492 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 19, 2018.

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 September, 2016.

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

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

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.08 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: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 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 27, 2018.

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

Sworn to and subscribed before me this 5th day of October, 2016.

Notary

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

State of New Jersey

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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CHRISTOPHER S. PORRINO
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: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 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 October 3, 2018.

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 17 day of October, 2016.

Notary

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