Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARNK-0038
Location:	EASTAMPTON TOWNSHIP				
Calibration File No.:	00462	Calib. Date:	09/03/2014	Calib. No.:	00021
Certification File No.:	00463	Cert. Date:	09/03/2014	Cert. No.:	00018
Linearity File No.:	00464	Lin. Date:	09/03/2014	Lin. No.:	00018
Solution File No.:	00477	Soln. Date:	01/23/2015	Soln. No.:	00147
Sequential File No.:	00477	File Date:	01/23/2015		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0483

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	06:25S		
Control 1 EC	0.101%	06:26S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	06:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:27S		
Control 2 EC	0.098%	06:28S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	06:28S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:29S		
Control 3 EC	0.099%	06:29S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	06:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:30S		

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: 01/23/2015

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00462 — Calib. Date: 09/03/2014 — Calib. No.: 00021
Certification File No.: 00463 — Cert. Date: 09/03/2014 — Cert. No.: 00018
Linearity File No.: 00464 — Lin. Date: 09/03/2014 — Lin. No.: 00018
Solution File No.: 00475 — Soln. Date: 12/25/2014 — Soln. No.: 00146
Sequential File No.: 00475 — File Date: 12/25/2014

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 02/14/2016
Solution Control Lot: 14B127 — Bottle No.: 0495

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:12S		
Control 1 EC	0.101%	20:12S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	20:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:13S		
Control 2 EC	0.098%	20:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	20:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:15S		
Control 3 EC	0.099%	20:15S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	20:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:16S		

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: _____ 3d 360 — Badge No.: 3436
Date: 12/25/2014

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.: ARNK-0038
Location:	EASTAMPTON TOWNSHIP			
Calibration File No.:	00462	Calib. Date:	09/03/2014	Calib. No.: 00021
Certification File No.:	00463	Cert. Date:	09/03/2014	Cert. No.: 00018
Linearity File No.:	00464	Lin. Date:	09/03/2014	Lin. No.: 00018
Solution File No.:	00472	Soln. Date:	11/27/2014	Soln. No.: 00145
Sequential File No.:	00472	File Date:	11/27/2014	
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.: DDUK S3-0131
Control Solution %:	0.100%			Expires: 02/14/2016
Solution Control Lot:	14B127			Bottle No.: 0488

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:03S		
Control 1 EC	0.103%	14:03S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:03S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:04S		
Control 2 EC	0.101%	14:05S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	14:05S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:06S		
Control 3 EC	0.101%	14:06S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	14:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:07S		

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: 11/27/2014

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00462	Calib. Date:	09/03/2014	Calib. No.:	00021
Certification File No.:	00463	Cert. Date:	09/03/2014	Cert. No.:	00018
Linearity File No.:	00464	Lin. Date:	09/03/2014	Lin. No.:	00018
Solution File No.:	00470	Soln. Date:	10/30/2014	Soln. No.:	00144
Sequential File No.:	00470	File Date:	10/30/2014		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0492

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	23:20S		
Control 1 EC	0.103%	23:20S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	23:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	23:21S		
Control 2 EC	0.100%	23:22S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	23:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	23:23S		
Control 3 EC	0.101%	23:23S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	23:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	23:24S		

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: 10/30/2014

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00462	Calib. Date:	09/03/2014	Calib. No.:	00021
Certification File No.:	00463	Cert. Date:	09/03/2014	Cert. No.:	00018
Linearity File No.:	00464	Lin. Date:	09/03/2014	Lin. No.:	00018
Solution File No.:	00467	Soln. Date:	10/02/2014	Soln. No.:	00143
Sequential File No.:	00467	File Date:	10/02/2014		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	02/14/2016
Solution Control Lot:	14B127			Bottle No.:	0493

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:29D		
Control 1 EC	0.102%	08:30D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	08:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:30D		
Control 2 EC	0.099%	08:31D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	08:31D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:32D		
Control 3 EC	0.100%	08:32D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	08:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:33D		

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: 10/02/2014

Alcotest 7110 Calibration Record

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

Calibration File No.:	00462	Calib. Date:	09/03/2014	Calib. No.:	00021
Certification File No.:	00439	Cert. Date:	03/10/2014	Cert. No.:	00017
Linearity File No.:	00440	Lin. Date:	03/10/2014	Lin. No.:	00017
Solution File No.:	00460	Soln. Date:	08/12/2014	Soln. No.:	00141
Sequential File No.:	00462	File Date:	09/03/2014		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	13I122			Bottle No.:	0757

Coordinator
Last Name: GONCALVES — First Name: MICHELLE — MI: L
Signature: Sgt Michelle Goncalves #6040 — Badge No.: 6040
Date: 09/03/2014

*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.:	00462	Calib. Date:	09/03/2014	Calib. No.:	00021
Certification File No.:	00463	Cert. Date:	09/03/2014	Cert. No.:	00018
Linearity File No.:	00440	Lin. Date:	03/10/2014	Lin. No.:	00017
Solution File No.:	00460	Soln. Date:	08/12/2014	Soln. No.:	00141
Sequential File No.:	00463	File Date:	09/03/2014		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0131
Control Solution %:	0.100%			Expires:	09/17/2015
Solution Control Lot:	13I122			Bottle No.:	0757

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:10D		
Control 1 EC	0.100%	13:10D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11D		
Control 2 EC	0.098%	13:12D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:12D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12D		
Control 3 EC	0.097%	13:13D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	13:13D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:14D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

Signature: Sgt. Michelle Goncalves #6040 Badge No.: 6040 Date: 09/03/2014

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.:	00462	Calib. Date:	09/03/2014	Calib. No.:	00021
Certification File No.:	00463	Cert. Date:	09/03/2014	Cert. No.:	00018
Linearity File No.:	00464	Lin. Date:	09/03/2014	Lin. No.:	00018
Solution File No.:	00460	Soln. Date:	08/12/2014	Soln. No.:	00141
Sequential File No.:	00464	File Date:	09/03/2014		

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.:	0289
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0193
Control Solution %:	0.080%			Expires:	09/16/2015
Solution Control Lot:	13I121			Bottle No.:	0844
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCN-0052
Control Solution %:	0.160%			Expires:	09/10/2014
Solution Control Lot:	12I106			Bottle No.:	0762

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:32D		
Control 1 EC	0.040%	13:33D	33.8°C	*** TEST PASSED ***
Control 1 IR	0.040%	13:33D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 2 EC	0.040%	13:35D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:35D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		
Control 3 EC	0.081%	13:37D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:38D		
Control 4 EC	0.079%	13:39D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:39D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:40D		
Control 5 EC	0.159%	13:41D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:41D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:43D		
Control 6 EC	0.159%	13:43D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	13:43D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:45D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

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

Date: 09/03/2014

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00462 — Calib. Date: 09/03/2014 — Calib. No.: 00021
Certification File No.: 00463 — Cert. Date: 09/03/2014 — Cert. No.: 00018
Linearity File No.: 00464 — Lin. Date: 09/03/2014 — Lin. No.: 00018
Solution File No.: 00465 — Soln. Date: 09/03/2014 — Soln. No.: 00142
Sequential File No.: 00465 — File Date: 09/03/2014

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUK S3-0131
Control Solution %: 0.100% — Expires: 02/14/2016
Solution Control Lot: 14B127 — Bottle No.: 0499

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	15:00D		
Control 1 EC	0.102%	15:00D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	15:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:01D		
Control 2 EC	0.100%	15:02D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	15:02D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:02D		
Control 3 EC	0.100%	15:03D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	15:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:04D		

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: DDUNP2-253 (MG)

Changed By:
Last Name: GONCALVES — First Name: MICHELLE — MI: L
Signature: Sgt. Michelle Goncalves #6040 — Badge No.: 6040
Date: 09/03/2014

Dräger safety

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: 03-11-08

SERIAL NUMBER: ARNK-0038

Draeger Safety Diagnostics, Inc.
Durango, CO

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: DDUK S3-0131

Certification Date	Technician	Re-Certification Due Date
02-26-14	SY	02-26-15

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:
DDINP2-253	02-26-14	02-26-15

Probe Value: 107

Draeger Safety Diagnostics, Inc.
Technical Service Department

SY

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: Hansueli Ryser

Dräger

ilac-MRA ACCREDITED

Calibration
Certificate No. 1750.01

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

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	B16388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

Certificate Information:

Technician: 68 Procedure: CAL-06 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).

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DEPARTMENT OF

Law and Public Safety

This is to certify that

Michelle L. Goncalves

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL TESTS AND HAS BEEN ISSUED PERMIT NO. CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF December

TWO THOUSAND AND Eleven

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

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

S.P. 293B (Rev. 03/10)

DEPARTMENT OF

Law and Public Safety

This is to certify that

Michelle Goncalves

New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL TESTS AND HAS BEEN ISSUED PERMIT NO. CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE British Test Coordinator/Instructor

A METHOD 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 _____

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

S.P. 293B (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

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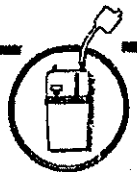

Dräger

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
10-11-13	BC	10-11-14

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:
DDUN P2-231	1-21-14	1-21-15

Probe Value: 106

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

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
O Model: MARK IIA
O Other: _____

Serial Number: DDXJ S3-0193

Certification Date	Technician	Re-Certification Due Date
1-22-14	BC	1-22-15

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.

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

Serial Number: DDMK S3-0003

Certification Date	Technician	Re-Certification Due Date
1-23-14	BC	1-23-15

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: 131120

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: 131121

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
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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
0.10 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

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