Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00540 — Calib. Date: 10/20/2016 — Calib. No.: 00027
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.: 00554 — File Date: 01/20/2017

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.: 0896

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:19S		
Control 1 EC	0.100%	08:20S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:20S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:20S		
Control 2 EC	0.100%	08:21S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	08:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:22S		
Control 3 EC	0.100%	08:22S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:22S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:23S		

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: 01/20/2017

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00540 — Calib. Date: 10/20/2016 — Calib. No.: 00027
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.: 00550 — Soln. Date: 12/21/2016 — Soln. No.: 00174
Sequential File No.: 00550 — File Date: 12/21/2016

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.: 0897

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	02:48S		
Control 1 EC	0.101%	02:48S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	02:48S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	02:49S		
Control 2 EC	0.101%	02:50S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	02:50S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	02:50S		
Control 3 EC	0.101%	02:51S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	02:51S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	02:52S		

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: 12/21/2016

Calibrating Unit
New Standard Solution Report

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

Calibration File No.:	00540	Calib. Date:	10/20/2016	Calib. No.:	00027
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.:	00547	Soln. Date:	11/21/2016	Soln. No.:	00173
Sequential File No.:	00547	File Date:	11/21/2016		

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.: 0921

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	21:13S		
Control 1 EC	0.101%	21:13S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	21:13S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	21:14S		
Control 2 EC	0.101%	21:15S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	21:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	21:15S		
Control 3 EC	0.101%	21:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	21:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	21:17S		

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: 11/21/2016

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00540 — Calib. Date: 10/20/2016 — Calib. No.: 00027
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.: 00546 — Soln. Date: 11/21/2016 — Soln. No.: 00172
Sequential File No.: 00546 — File Date: 11/21/2016

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.: 0893

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	19:39S		
Control 1 EC	-.---%	19:39S	22.7°C	SIMULATOR TEMP. ERROR
Control 1 IR	-.---%	19:39S	22.7°C	SIMULATOR TEMP. ERROR
Ambient Air Blank	-.---%	--:---		
Control 2 EC	-.---%	--:---	N/A	
Control 2 IR	-.---%	--:---	N/A	
Ambient Air Blank	-.---%	--:---		
Control 3 EC	-.---%	--:---	N/A	
Control 3 IR	-.---%	--:---	N/A	
Ambient Air Blank	-.---%	--:---		

Test results are not within acceptable range.

On this date, I installed the above indicated "NEW SOLUTION" in 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: [signature] — Badge No.: 3403
Date: 11/21/2016

Alcotest 7110 Calibration Record

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

Location: EASTAMPTON TOWNSHIP

Calibration File No.:	00540	Calib. Date:	10/20/2016	Calib. No.:	00027
Certification File No.:	00523	Cert. Date:	04/21/2016	Cert. No.:	00022
Linearity File No.:	00524	Lin. Date:	04/21/2016	Lin. No.:	00022
Solution File No.:	00538	Soln. Date:	10/11/2016	Soln. No.:	00170
Sequential File No.:	00540	File Date:	10/20/2016		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUK S3-0130
Control Solution %:	0.100%			Expires:	12/04/2016
Solution Control Lot:	14L134			Bottle No.:	0729

Coordinator

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

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

Date: 10/20/2016

*Black Key Temperature Probe Serial.....# DDXKP2-398 (MG)

*Digital NIST Temperature Measuring System Serial.....# 150649677 (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.:	00540	Calib. Date:	10/20/2016	Calib. No.:	00027
Certification File No.:	00541	Cert. Date:	10/20/2016	Cert. No.:	00023
Linearity File No.:	00524	Lin. Date:	04/21/2016	Lin. No.:	00022
Solution File No.:	00538	Soln. Date:	10/11/2016	Soln. No.:	00170
Sequential File No.:	00541	File Date:	10/20/2016		

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

Control Solution %: 0.100% Expires: 12/04/2016

Solution Control Lot: 14L134 Bottle No.: 0729

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:53D		
Control 1 EC	0.100%	09:54D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:54D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:55D		
Control 2 EC	0.100%	09:55D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56D		
Control 3 EC	0.100%	09:56D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:56D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:57D		

All tests within acceptable tolerance.

Coordinator

Last Name: GONCALVES First Name: MICHELLE MI: L

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

Date: 10/20/2016

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.:	00540	Calib. Date:	10/20/2016	Calib. No.:	00027
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.:	00538	Soln. Date:	10/11/2016	Soln. No.:	00170
Sequential File No.:	00542	File Date:	10/20/2016		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDAE-0022
Control Solution %:	0.040%			Expires:	08/11/2017
Solution Control Lot:	15H141			Bottle No.:	0835

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0188
Control Solution %:	0.080%			Expires:	08/13/2017
Solution Control Lot:	15H142			Bottle No.:	1251

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXD S3-0191
Control Solution %:	0.160%			Expires:	08/19/2017
Solution Control Lot:	15H144			Bottle No.:	1076

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:10D		
Control 1 EC	0.041%	10:11D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.040%	10:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:12D		
Control 2 EC	0.041%	10:13D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.040%	10:13D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:14D		
Control 3 EC	0.081%	10:14D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	10:14D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:16D		
Control 4 EC	0.081%	10:16D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	10:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:18D		
Control 5 EC	0.163%	10:18D	34.1°C	*** TEST PASSED ***
Control 5 IR	0.161%	10:18D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:20D		
Control 6 EC	0.163%	10:20D	34.1°C	*** TEST PASSED ***
Control 6 IR	0.162%	10:20D	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:22D		

All tests within acceptable tolerance.

Coordinator

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

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

Date: 10/20/2016

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARNK-0038
Location: EASTAMPTON TOWNSHIP
Calibration File No.: 00540 — Calib. Date: 10/20/2016 — Calib. No.: 00027
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.: 00543 — Soln. Date: 10/20/2016 — Soln. No.: 00171
Sequential File No.: 00543 — File Date: 10/20/2016

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.: 0884

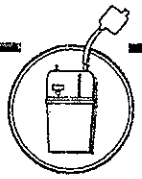
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:29D		
Control 1 EC	0.101%	11:29D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:30D		
Control 2 EC	0.101%	11:30D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:30D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:31D		
Control 3 EC	0.102%	11:32D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:32D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:32D		

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 Gonc #6040 — Badge No.: 6040
Date: 10/20/2016



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: 10.3

Draeger Safety Diagnostics, Inc.
Technical Service Department

JD

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.

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
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 27th 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

"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable

HONOR STATE POLICE DUTY FIDELITY

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

Cert. No.: 4000-7019767

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: 150649677 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: 68 Procedure: CAL-06 Cal Date: 8/31/15 Due Date: 8/31/17

Test Conditions: 23.0°C 47.0 %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	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.000	25.001	Y	24.950	25.050	0.014	3.6:1
°C		N.A.		50.004	50.000	Y	49.954	50.054	0.014	3.6:1
°C		N.A.		100.002	99.999	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 © 2009 Control Company

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 BREATH ANALYSES PURSUANT TO 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 hess
2.	9/17/15	GCPA	Adam Sta. Dec
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

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Breath 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

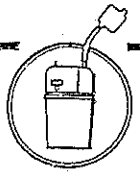
SUPERINTENDENT
NEW JERSEY STATE POLICE

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. 2938 (Rev. 02/12)



Dräger

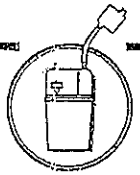
CERTIFICATE OF ACCURACY

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

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(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger Safety Diagnostics, Inc.

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

Serial Number: DDXDS3-0188

Certification Date	Technician	Re-Certification Due Date
10-30-15	JJ	10-30-16

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: DDXD83-0191

Certification Date	Technician	Re-Certification Due Date
10-30-15	JD	10-30-16

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:
DDXKP2-398	8-8-16	8-8-17

Probe Value: 105

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
0.10 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: 12/18/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14L134

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1218 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is December 04, 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 19th day of December, 2014.

Notary

LINDA L DESANTIS
ID # 2228599
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires August 17, 2019

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
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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
0.04 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: 9/10/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H141

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0487 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 11, 2017.

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 11th day of September, 2015.

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
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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
0.08 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: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H142

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 0.0967 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 13, 2017.

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 17th day of September, 2015.

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
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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: 9/17/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H144

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1936 to 0.1952 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 19, 2017.

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 18 day of September, 2015.

Notary

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