

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.
Calibration File No.: 02068 Calib. Date: 03/01/2016 Calib. No.: 00027
Certification File No.: 02004 Cert. Date: 09/09/2015 Cert. No.: 00023
Linearity File No.: 02005 Lin. Date: 09/09/2015 Lin. No.: 00023
Solution File No.: 02064 Soln. Date: 02/24/2016 Soln. No.: 00202
Sequential File No.: 02068 File Date: 03/01/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUN S3-0341
Control Solution %: 0.100% Expires: 08/17/2017
Solution Control Lot: 15H143 Bottle No.: 0301

Coordinator

Last Name: GRUSEMEYER First Name: STEPHEN MI: M
Signature: *[Handwritten Signature]* #6909 Badge No.: 6909
Date: 03/01/2016

*Black Key Temperature Probe Serial.....# DDXK P2-390 (40)
*Digital NIST Temperature Measuring System Serial.....# 150734137 (30)

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.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.
Calibration File No.: 02068 **Calib. Date:** 03/01/2016 **Calib. No.:** 00027
Certification File No.: 02069 **Cert. Date:** 03/01/2016 **Cert. No.:** 00024
Linearity File No.: 02005 **Lin. Date:** 09/09/2015 **Lin. No.:** 00023
Solution File No.: 02064 **Soln. Date:** 02/24/2016 **Soln. No.:** 00202
Sequential File No.: 02069 **File Date:** 03/01/2016

Calibrating Unit: WET **Model No.:** CU-34 **Serial No.:** DDUN S3-0341
Control Solution %: 0.100% **Expires:** 08/17/2017
Solution Control Lot: 15H143 **Bottle No.:** 0301

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:17S		
Control 1 EC	0.100%	09:17S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	09:17S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18S		
Control 2 EC	0.097%	09:19S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	09:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:20S		
Control 3 EC	0.097%	09:21S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:22S		

All tests within acceptable tolerance.

Coordinator

Last Name: GRUSEMEYER

First Name: STEPHEN

MI: M

Signature:

[Handwritten Signature] #6909

Badge No.: 6909

Date: 03/01/2016

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.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.
Calibration File No.: 02068 Calib. Date: 03/01/2016 Calib. No.: 00027
Certification File No.: 02069 Cert. Date: 03/01/2016 Cert. No.: 00024
Linearity File No.: 02070 Lin. Date: 03/01/2016 Lin. No.: 00024
Solution File No.: 02064 Soln. Date: 02/24/2016 Soln. No.: 00202
Sequential File No.: 02070 File Date: 03/01/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0021
Control Solution %: 0.040% Expires: 08/11/2017
Solution Control Lot: 15H141 Bottle No.: 1052

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAE-0023
Control Solution %: 0.080% Expires: 08/13/2017
Solution Control Lot: 15H142 Bottle No.: 1055

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0225
Control Solution %: 0.160% Expires: 08/05/2016
Solution Control Lot: 14H131 Bottle No.: 0863

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:34S		
Control 1 EC	0.043%	09:35S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	09:35S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:37S		
Control 2 EC	0.041%	09:37S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.041%	09:37S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:39S		
Control 3 EC	0.082%	09:40S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.079%	09:40S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:42S		
Control 4 EC	0.083%	09:42S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:44S		
Control 5 EC	0.163%	09:45S	34.1°C	*** TEST PASSED ***
Control 5 IR	0.157%	09:45S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:46S		
Control 6 EC	0.160%	09:47S	34.1°C	*** TEST PASSED ***
Control 6 IR	0.158%	09:47S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:49S		

All tests within acceptable tolerance.

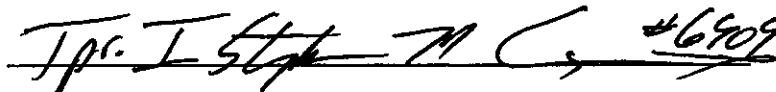
Coordinator

Last Name: GRUSEMEYER

First Name: STEPHEN

MI: M

Signature:



Badge No.: 6909

Date: 03/01/2016

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARUM-0066
Location:	PENNSAUKEN TWSP. P.D.	
Calibration File No.:	02068	Calib. Date: 03/01/2016
Certification File No.:	02069	Calib. No.: 00027
Linearity File No.:	02070	Cert. Date: 03/01/2016
Solution File No.:	02071	Cert. No.: 00024
Sequential File No.:	02071	Lin. Date: 03/01/2016
		Lin. No.: 00024
		Soln. Date: 03/01/2016
		Soln. No.: 00203
		File Date: 03/01/2016

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0341
Control Solution %:	0.100%			Expires:	12/31/2016
Solution Control Lot:	14L135			Bottle No.:	0075

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	10:56S		
Control 1 EC	0.100%	10:57S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	10:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:58S		
Control 2 EC	0.098%	10:58S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	10:58S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:59S		
Control 3 EC	0.098%	11:00S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	11:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:01S		

All tests within acceptable tolerance.

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

Temperature Probe Serial Number: DDHHP2-040 (4)

Changed By:

Last Name: GRUSEMEYER

First Name: STEPHEN

MI: M

Signature: *[Handwritten Signature]* Badge No.: 6909
 Date: 03/01/2016



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 2/19/94 Notices)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST[®] CU34

Model: MARK IIA

Other: _____

Serial Number:

DDAE - 0021

Certification Date

8-18-15

Technician

JJ/K

Re-Certification Due Date

8-18-16



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 2/19/94 Notices)

Dräger Safety Diagnostics, Inc.

Model: ALCOTEST[®] CU34

Model: MARK IIA

Other: _____

Serial Number:

DDAE - 0023

Certification Date

8-18-15

Technician

JJ/K

Re-Certification Due Date

8-18-16



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)

Dräger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IA
- Other: _____

Serial Number:

DDWF53-0225

Certification Date:

8-18-15

Technician

[Signature]

Re-Certification Due Date

8-18-16

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

DDVKP2-390

Certification date:

10-30-15

Next Certification due:

10-30-16

Probe Value

107

Dräger Safety Diagnostics, Inc.
Technical Service Department

72



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



Calibration
Certificate No. 1750.01

Cert. No.: 4000-7110993

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: 150734137 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	1000871058
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000871058
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 1018 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	3.6:1
°C		N.A.		24.999	25.000	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	100.002	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 Budget of at least 4:1 is maintained for all standards used and is calculated using the expanded uncertainty of each standard. If uncertainty evaluation exceeds the instrument's tolerance and its calculator 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 in approximately a 95% confidence level. Tolerances or limits are based on test results falling within specified limits with no reduction by the user control of the measurement. The results do not include uncertainty of the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal - Nominal Finding; As Found - As Found; In-Tolerance - In-Tolerance; In-Tolerance - In-Tolerance; Max - As Left; Nominal Tolerance - Tolerance; Date - M/DD/YY

Nico Rodriguez
Nico Rodriguez, Quality Manager

Nico Rodriguez
Nico Rodriguez, Quality 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. Things like temperature changes, shocks, and vibration can affect accuracy.

Recalibration:

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

CONTROL COMPANY 4455 Rox Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-8448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) Accredited Association for Laboratory Accreditation, Certificate No. 1750-31.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. DNET 01826 2106-AG-1104-784.
National Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MLA)



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 DEPARTMENT OF LAW AND PUBLIC SAFETY
 DIVISION OF STATE POLICE
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 (609) 882-2000

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 Governor

JOHN J. HOFFMAN
 Acting Attorney General

KIM GUADAGNO
 Lt. Governor

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: 09/14/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H143

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1226 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 17, 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. Alaoui, Ph.D.
 Research Scientist
 NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15th day of September, 2015.

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



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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. Aiaouie, 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



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

Sworn to and subscribed before me this 18th day of September, 2015.

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



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 Superintendent

CERTIFICATION OF ANALYSIS
0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 8/14/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14H131

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1925 to 0.1944 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 5, 2016.

As Research Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

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

Sworn to and subscribed before me this 18th day of August, 2014.

Notary
MARY ELIZABETH MCLAUGHLIN
 ID # 2052190
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 Superintendent

CERTIFICATION OF ANALYSIS
0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 1/21/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14L135

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 0.1219 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 December 31, 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 23rd day of January, 2015.

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



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DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Stephen M. Grusemeyer
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1964 IN THE OPERATION OF THE Alcotest 5110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 28th DAY OF AUGUST

TWO THOUSAND AND Eight


SUPERINTENDENT
NEW JERSEY STATE POLICE


ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	6-27-10	GCPA	J. Sullivan
2.	11-20-12	SAYREVILLE PD	R. Tr...
3.	4-27-15	OCPA	Wm. ...
4.			
5.			
6.			
7.			
8.			
9.			

ORIGINAL COURSE DATES _____


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

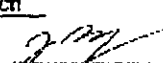
S.P. 2838 (REV. 08/73)

DEPARTMENT OF
Traffic and Public Safety
What is to certify that

Stephen Grisc Meyer
 Breath Test Coordinator/Instructor

IS QUALIFIED AND CAPABLE TO INSTRUCT IN THE OPERATION OF THE ALCOHOL TESTER MODEL 7110 MK III-C
 AS SET FORTH IN THE REGULATION OF THE STATE OF CALIFORNIA
 GIVEN UNDER MY HAND AND SEAL ON THIS 28th day of September

1973 NO. 6666 AND Fifteen

 STEPHEN GRISC MEYER
 BREATH TEST COORDINATOR/INSTRUCTOR


 STEPHEN GRISC MEYER
 BREATH TEST COORDINATOR/INSTRUCTOR

This is to certify that

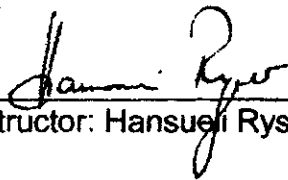
**Stephen M. Grusemeyer
New Jersey State Police**

Has successfully completed the two day Draeger Safety Diagnostics, Inc. Operator Training and Preventive Maintenance Course on the Dräger Alcotest® 7110 and is hereby certified as a qualified

A/DTU Coordinator

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 Dräger Alcotest® 7110.

Date: September 29th, 2014



Instructor: Hansueli Ryser



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

JOHN J. HOFFMAN
Acting Attorney General

ELIE HONIG
Director

September 28, 2015

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 -
Trooper II Stephen Grusemeyer #6909

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 Trooper II Stephen Grusemeyer #6909 as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

John J. Hoffman
Acting Attorney General

Trooper II Stephen Grusemeyer #6909, Alcohol/Drug Test Unit, Division of State Police
SFC Roberto Tormo #5322, Assistant Unit Supervisor, Alcohol/Drug Test Unit, Division
of State Police



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:

SERIAL NUMBER:

2/11/2011

AKUM-0016

Dräger Safety Diagnostics, Inc.

AS



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:

DDUN53-0841

Certification Date

8-19-15

Technician

PC

Re-Certification Due Date

8-19-16

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

DDHHP2-040

Certification date:

8-19-15

Next Certification due:

8-19-16

Probe Value

108

Dräger Safety Diagnostics, Inc.
Technical Service Department

PC