

ALCOTEST CHECKLIST

Municipality: MERCHANTVILLE Alcotest Ser.#: AR4M-0073

County: BURLINGTON Date of Calibration: 02-24-2016

1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.

2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.
Ser. #: DDWA S3-0011

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDUJ P2-168

4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 150 734 137

5. A. Alcotest 7110 Calibration Record
 B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
 C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
 D. **Alcotest Card** of operator/coordinator who performed tests.
 E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
Ser. #: DA XK P2-390

6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>15</u>	<u>H</u>	<u>141</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>15</u>	<u>H</u>	<u>142</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>15</u>	<u>H</u>	<u>143</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>14</u>	<u>H</u>	<u>131</u>

7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

A. 0.04% used in Calibration/Linearity Testing. DDAE-0021
 B. 0.08% used in Calibration/Linearity Testing. DDAE-0023
 C. 0.10% used in Calibration/Linearity Testing.
[Same as CU34 unit on instrument.]
 D. 0.16% used in Calibration/Linearity Testing. DDWF S3-0225

8. A. New Standard Solution Report following Calibration.
 B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
 C. Certificate of Analysis 0.10% solution for same.
Lot #: 15 H 140
 D. Alcotest card of operator/coordinator who completed change.

02-20-2011

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" EST 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:

3-9-12

HRUM-0073

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:

DDWA 53-0011

Certification Date

8-6-15

Technician

BC

Re-Certification Due Date

8-6-16

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

DDUS P2-168

Certification date:

8-5-15

Next Certification due:

8-5-16

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC



Calibrator
Certificate No. 1750-01

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



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: 15D734137 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	1500371058
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: IQ4 Procedure: CAL-06 Cal Date: 10/02/15 Due Date: 10/02/17
Test Conditions: 23.1°C 45.0 %RH 1016 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	+U	TUR
°C		N.A.		-0.001	0.001	Y	-0.051	0.049	0.013	3.8:1
°C		N.A.		24.999	25.000	Y	24.949	25.049	0.014	3.6:1
°C		N.A.		50.000	50.001	Y	49.950	50.050	0.014	3.8:1
°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 Ratio of at least 4:1 is maintained on every parameter measured 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). This uncertainty represents an expanded uncertainty using a coverage factor k=2 in order to reach a 95% confidence level. Tolerance conditions are based on test results falling within specified limits with no reduction in the uncertainty of the measurement. The results shown herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal-As Found Reading; As Left-Instrument's Reading; In Tol-Tolerance; Min/Max-Assessment Range; +U-Expanded Measurement Uncertainty; TUR-Test Uncertainty Ratio; Accuracy-L; Max-Min(R); Min-L; As Left-Nominal(Found); T-Tolerance; Max-L; As Left-Nominal(Found); U-Tolerance; Date-MM/DD/YYYY

Nick Rodriguez
Nick Rodriguez, Quality Manager

Kevin Justice
Kevin Justice, 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. Factors that monitor change will vary and will not be affected by aging, temperature, shock, and contamination.

Recalibration:

For further 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 (PQAI) American Association for Laboratory Accreditation, Certificate No. 1750-01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. DQCT 01805-2305-AG-1101-704.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA)

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C	Serial No.: ARUM-0073	
Location: MERCHANTVILLE POLICE		
Calibration File No.: 00826	Calib. Date: 02/24/2016	Calib. No.: 00030
Certification File No.: 00808	Cert. Date: 09/09/2015	Cert. No.: 00023
Linearity File No.: 00809	Lin. Date: 09/09/2015	Lin. No.: 00023
Solution File No.: 00823	Soln. Date: 02/12/2016	Soln. No.: 00196
Sequential File No.: 00826	File Date: 02/24/2016	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDWA S3-0011
Control Solution %: 0.100%		Expires: 08/17/2017
Solution Control Lot: 15H143		Bottle No.: 1191

Coordinator

Last Name: GRUSEMEYER First Name: STEPHEN MI: M
Signature: *[Handwritten Signature]* Badge No.: 6909
Date: 02/24/2016

*Black Key Temperature Probe Serial.....# DDXK P2 -390 *(91)*
*Digital NIST Temperature Measuring System Serial.....# 150734137 *(91)*

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-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00826 Calib. Date: 02/24/2016 Calib. No.: 00030
Certification File No.: 00827 Cert. Date: 02/24/2016 Cert. No.: 00024
Linearity File No.: 00809 Lin. Date: 09/09/2015 Lin. No.: 00023
Solution File No.: 00823 Soln. Date: 02/12/2016 Soln. No.: 00196
Sequential File No.: 00827 File Date: 02/24/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWA S3-0011
Control Solution %: 0.100% Expires: 08/17/2017
Solution Control Lot: 15H143 Bottle No.: 1191

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:25S		
Control 1 EC	0.096%	09:26S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:26S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:27S		
Control 2 EC	0.097%	09:27S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	09:27S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:28S		
Control 3 EC	0.098%	09:29S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:30S		


All tests within acceptable tolerance.

Coordinator

Last Name: GRUSEMEYER

First Name: STEPHEN

MI: M

Signature: 

Badge No.: 6909

Date: 02/24/2016

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-0073
Location: MERCHANTVILLE POLICE
Calibration File No.: 00826 Calib. Date: 02/24/2016 Calib. No.: 00030
Certification File No.: 00827 Cert. Date: 02/24/2016 Cert. No.: 00024
Linearity File No.: 00828 Lin. Date: 02/24/2016 Lin. No.: 00024
Solution File No.: 00823 Soln. Date: 02/12/2016 Soln. No.: 00196
Sequential File No.: 00828 File Date: 02/24/2016

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.: 1072

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.: 1065

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.: 0227

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:44S		
Control 1 EC	0.041%	09:45S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:45S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:47S		
Control 2 EC	0.041%	09:48S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.039%	09:48S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:49S		
Control 3 EC	0.082%	09:50S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:50S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:52S		
Control 4 EC	0.082%	09:53S	34.1°C	*** TEST PASSED ***
Control 4 IR	0.080%	09:53S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:55S		
Control 5 EC	0.164%	09:55S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	09:55S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:57S		
Control 6 EC	0.161%	09:58S	34.1°C	*** TEST PASSED ***
Control 6 IR	0.160%	09:58S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:00S		

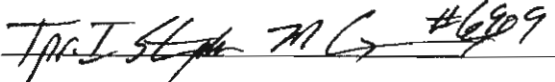
All tests within acceptable tolerance.

Coordinator

Last Name: GRUSEMEYER

First Name: STEPHEN

MI: M

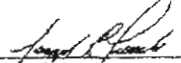
Signature: 

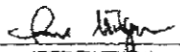
Badge No.: 6909

Date: 02/24/2016

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 Agates 510 MKIII
 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.	6-23-10	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. _____	_____	_____

AP 295B (Rev. 09/13)

DEPARTMENT OF
Law and Public Safety
This is the way to live!

Stephen Grischmeyer
Breath Test Coordinator/Instructor

IF QUALIFIED AND LICENSED BY THE STATE OF NEW YORK, I HEREBY CERTIFY THAT I AM A QUALIFIED INSTRUCTOR OF THE CLASSIFICATION IN THE OPERATION OF THE Alcotest 7110 MKIII-C BREATHALYZER. I HAVE BEEN TRAINED BY THE STATE OF NEW YORK AT THE POLICE TRAINING CENTER ON 28th DAY OF September 2015 AT Fifteen HOURS.

STEPHEN GRISCHMEYER
BREATH TEST COORDINATOR

NEW YORK STATE GENERAL
STATISTICAL BUREAU

This is to certify that

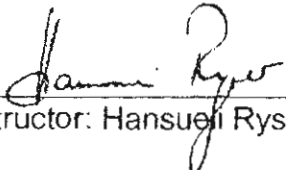
Stephen M. Grusemeyer
New Jersey State Police

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: Hansuel 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





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
0.04 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: Dräger 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



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State of New Jersey
OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY
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CHRIS CHRISTIE
Governor

JOHN J. HOFFMAN
Acting Attorney General

KIM GUADAGNO
Lt. Governor

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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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.

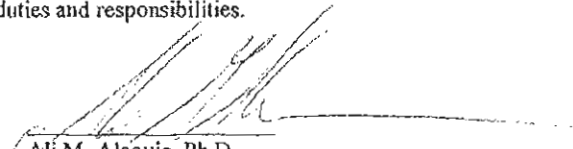
ANALYSIS DATE: 09/14/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15HI43

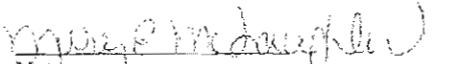
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1198 to 0.1226 grams per 100 milliliters of solution.

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

Sworn to and subscribed before me this 18th 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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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

JOHN J. HOFFMAN
Acting Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. FUENLES
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.

[Handwritten signature of Ali M. Alaoui]

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

Sworn to and subscribed before me this 14th day of August, 2014.

[Handwritten signature of Mary Elizabeth McLaughlin]
Notary
MARY ELIZABETH MCLAUGHLIN

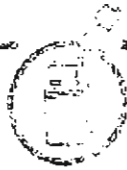
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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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)

Dräger Safety Diagnostics, Inc.

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

Serial Number:

DDAE - 0021

Certification Date

Technician

Re-Certification Due Date

8-18-15

[Signature]

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 IIIA
- Other: _____

Serial Number:

DDAE - 0023

Certification Date

Technician

Re-Certification Due Date

8-18-15

[Signature]

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

Technician

Re-Certification Due Date

8-18-15

[Signature]

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

DDXK P2-390

Certification date:

10-30-15

Next Certification due:

10-30-16

Probe Value

107

Dräger Safety Diagnostics, Inc.
Technical Service Department

72

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARUM-0073
Location:	MERCHANTVILLE POLICE		
Calibration File No.:	00826	Calib. Date:	02/24/2016
Certification File No.:	00827	Cert. No.:	00030
Linearity File No.:	00828	Lin. Date:	02/24/2016
Solution File No.:	00829	Lin. No.:	00024
Sequential File No.:	00829	Soln. Date:	02/24/2016
		Soln. No.:	00197
		File Date:	02/24/2016
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDWA S3-0011
Solution Control Lot:	15H140	Expires:	08/04/2017
		Bottle No.:	1192

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:07S		
Control 1 EC	0.099%	11:08S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:08S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:09S		
Control 2 EC	0.100%	11:10S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:10S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:11S		
Control 3 EC	0.097%	11:12S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:13S		

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:

DDUT P2 -168 (910)

Changed By:

Last Name: GRUSEMEYER

First Name: STEPHEN

MI: M

Signature:

Tr. J. Grusemeyer #6909

Badge No.: 6909

Date: 02/24/2016



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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: 09/02/2015

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 15H140

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1209 to 0.1215 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 04, 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



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