

# ALCOTEST CHECKLIST

Municipality: WESTAMPTON

Alcotest Ser. #: ARNK-0025

County: BURLINGTON

Date of Calibration: 08-07-2019

- ☒ 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. #: DDUJ S3-0117
- ☒ 3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.  
Ser. #: DDWA P2-116
- ☒ 4. **Digital Temperature Measuring System Report of Calibration.**  
Ser. #: 191959016
- ☒ 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. #: DDUN P2-237
- ☒ 6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:
- |  |                 |              |
|--|-----------------|--------------|
| <input checked="" type="checkbox"/> A. | 0.04% Solution. | <u>18240</u> |
| <input checked="" type="checkbox"/> B. | 0.08% Solution. | <u>18250</u> |
| <input checked="" type="checkbox"/> C. | 0.10% Solution. | <u>18220</u> |
| <input checked="" type="checkbox"/> D. | 0.16% Solution. | <u>18260</u> |
- ☒ 7. Certificate of Accuracy Alcotest CU34 Simulators from Draeger Safety (when conducting the Calibration/Linearity Tests) for:
- |  |  |                     |
|--|--|---------------------|
| <input checked="" type="checkbox"/> A. | 0.04% used in Calibration/Linearity Testing.                                       | <u>DDRK S3-0014</u> |
| <input checked="" type="checkbox"/> B. | 0.08% used in Calibration/Linearity Testing.                                       | <u>DDRF S3-0008</u> |
| <input checked="" type="checkbox"/> C. | 0.10% used in Calibration/Linearity Testing.<br>[Same as CU34 unit on instrument.] |                     |
| <input checked="" type="checkbox"/> D. | 0.16% used in Calibration/Linearity Testing.                                       | <u>DWFF S3-0216</u> |
- ☒ 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 #: 18290  
☒ D. Alcotest card of operator/coordinator who completed change.

**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:

4-3-14

SERIAL NUMBER:

ARNK-0025

Draeger Safety Diagnostics, Inc.

BC

# Dräger

## Simulator

### 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, Inc.

- ☒ Model: ALCOTEST CU34  
☐ Model: MARK IIA  
☐ X-Cal 2000 (Alcosim)  
☐ Other: \_\_\_\_\_

Serial Number:

DDUS3-0117

Certification Date:

4-8-19

Technician:

BS

Re-Certification Due Date:

4-8-20

# 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's specifications.  
For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDWAP2-116

Certification Date:

4-8-19

Next Certification Due:

4-8-20

Probe Value:

102

Dräger, Inc.

BS





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



Cert. No.: 4000-10177835

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: 191959016

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Thermistor Module	A17118	20 Apr 2019	1000424560
Thermistor Module	A27129	10 Jan 2020	1000436202
Temperature Calibration Bath	A73332		
Temperature Probe	3039	08 May 2019	6-B7F4L-20-1
Temperature Calibration Bath	A79341		
Temperature Probe	5394	29 Jan 2020	B9124038
Temperature Calibration Bath	B16388		
Temperature Probe	5267	28 Jan 2020	B9124036

Certificate Information:

Technician: 104

Procedure: CAL-06

Cal Date: 13 Feb 2019

Cal Due Date: 13 Feb 2021

Test Conditions: 38.85%RH 24.21°C 1023mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		-0.002	0.000	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		24.999	25.000	Y	24.949	25.049	0.0087	>4:1
°C	N.A.	N.A.		50.001	50.000	Y	49.951	50.051	0.0087	>4:1
°C	N.A.	N.A.		100.001	100.004	Y	99.951	100.051	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

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;

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Aaron Judice*

Aaron Judice, Technical Manager

Note

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 Thermometer 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 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2006-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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



Cert. No.: 4000-10177835

Traceable® Certificate of Calibration for Digital Thermometer

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CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.control3.com

Control Company is an ISO/IEC 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 GL, Certificate No. CERT-01805-2008-AQ-HOU-RvA.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

**Alcotest 7110 MKIII-C Calibration**  
**NIST-Traceable Digital Thermometer Readings**

**Coordinator:**

TPR. 1 DAVID M NAPOLITANO  
Name

7237  
Badge No.

**Location:**

WESTAMPTON  
Agency

ARNK-0025  
Alcotest Serial No.

**Equipment:**

191 959 016  
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DDRK 53-0014	1150D	1317D	34.0 °C
0.08%	DDRF 53-0008	1150D	1317D	33.9 °C
0.10%	DDUJ 53-0117	1150D	1318D	33.9 °C
0.16%	DDWF 53-0216	1150D	1319D	34.0 °C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius  $\pm$  0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

TPR. 1 DAVID M NAPOLITANO 7237  
Coordinator's Signature

8-7-19  
Date



# Alcotest 7110 Calibration Record

## Equipment

Alcotest 7110 MKIII-C  
Location: WESTAMPTON POLICE  
Calibration File No.: 00919  
Certification File No.: 00891  
Linearity File No.: 00892  
Solution File No.: 00915  
Sequential File No.: 00919

Calib. Date: 08/07/2019  
Cert. Date: 02/28/2019  
Lin. Date: 02/28/2019  
Soln. Date: 07/17/2019  
File Date: 08/07/2019

Serial No.: ARNK-0025

Calib. No.: 00032  
Cert. No.: 00027  
Lin. No.: 00028  
Soln. No.: 00222

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 18220

Model No.: CU-34

Serial No.: DDUJ S3-0117  
Expires: 07/23/2020  
Bottle No.: 0353

## Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: Tai D. Napolitano 2037

Badge No.: 7237

Date: 08/07/2019

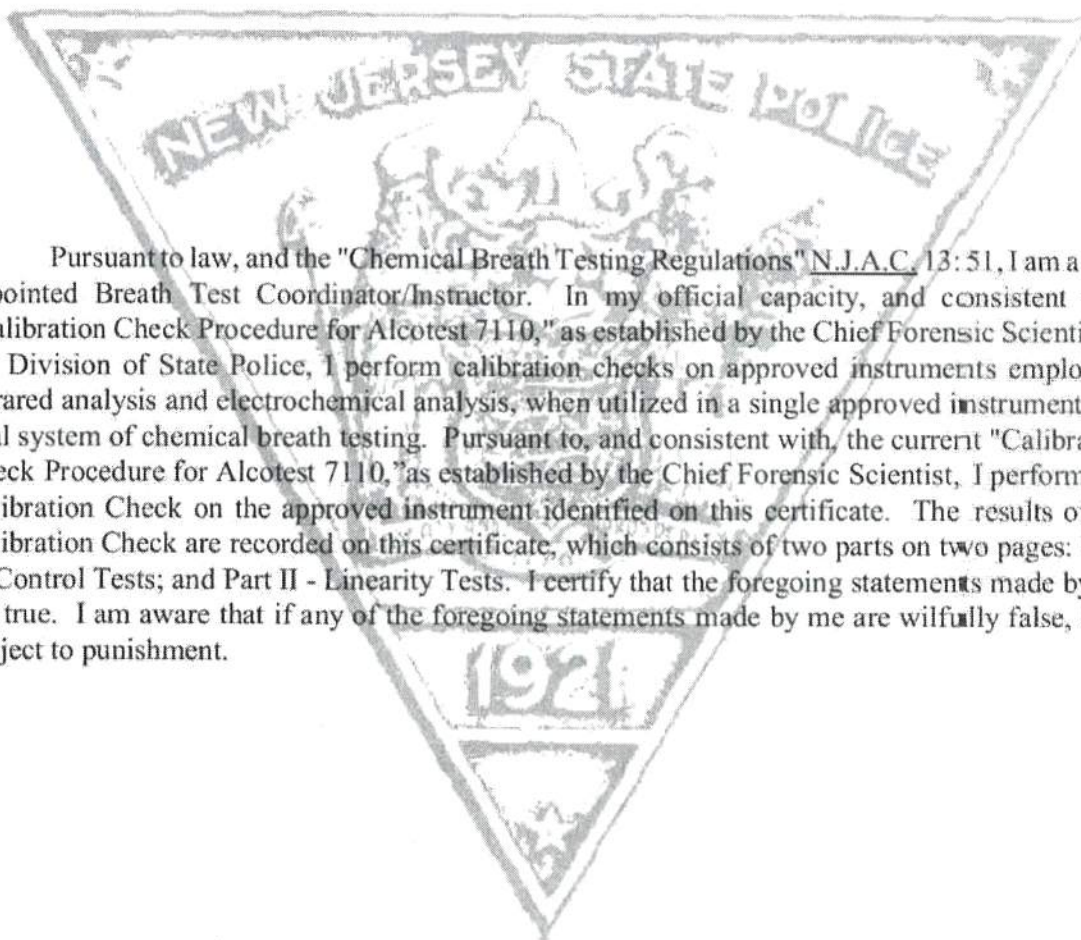
\*Black Key Temperature Probe Serial.....#

DDUN P2-237 (DN)

\*Digital NIST Temperature Measuring System Serial.....#

191 959 016 (DN)

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  
Location: WESTAMPTON POLICE  
Calibration File No.: 00919  
Certification File No.: 00920  
Linearity File No.: 00892  
Solution File No.: 00915  
Sequential File No.: 00920

Serial No.: ARNK-0025

Calib. Date: 08/07/2019  
Cert. Date: 08/07/2019  
Lin. Date: 02/28/2019  
Soln. Date: 07/17/2019  
File Date: 08/07/2019

Calib. No.: 00032  
Cert. No.: 00028  
Lin. No.: 00028  
Soln. No.: 00222

Calibrating Unit: WET  
Control Solution %: 0.100%  
Solution Control Lot: 18220

Model No.: CU-34

Serial No.: DDUJ S3-0117  
Expires: 07/23/2020  
Bottle No.: 0353

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:24D		
Control 1 EC	0.100%	13:25D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:25D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:26D		
Control 2 EC	0.099%	13:26D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:26D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 3 EC	0.099%	13:28D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:28D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:28D		

All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature: *David Napolitano*

Badge No.: 7237

Date: 08/07/2019

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

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARNK-0025
Location:	WESTAMPTON POLICE		
Calibration File No.:	00919	Calib. Date:	08/07/2019
Certification File No.:	00920	Cert. Date:	08/07/2019
Linearity File No.:	00921	Lin. Date:	08/07/2019
Solution File No.:	00915	Soln. Date:	07/17/2019
Sequential File No.:	00921	File Date:	08/07/2019
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDRK S3-0014
Solution Control Lot:	18240	Expires:	07/31/2020
		Bottle No.:	0566
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDRF S3-0008
Solution Control Lot:	18250	Expires:	08/06/2020
		Bottle No.:	1419
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDWF S3-0216
Solution Control Lot:	18260	Expires:	08/21/2020
		Bottle No.:	0881

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:37D		
Control 1 EC	0.041%	13:37D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:39D		
Control 2 EC	0.040%	13:40D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	13:40D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:41D		
Control 3 EC	0.080%	13:42D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	13:42D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:43D		
Control 4 EC	0.080%	13:44D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.078%	13:44D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:46D		
Control 5 EC	0.159%	13:46D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.159%	13:46D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:48D		
Control 6 EC	0.158%	13:48D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.159%	13:48D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:50D		

All tests within acceptable tolerance.

### Coordinator

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:



Badge No.: 7237

Date: 08/07/2019

DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

**David M. Napolitano**  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF  
THE LAWS OF 1964 IN THE OPERATION OF THE Alcotest 7110 MKIII-C  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October  
TWO THOUSAND AND Eighteen

  
COLONEL  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 293B (Rev. 01/11)

DEPARTMENT OF  
**Traffic and Public Safety**  
This is to certify that

**David M. Napolitano**  
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 7110 MKIII-C  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 7th DAY OF October  
TWO THOUSAND AND Ten

  
SUPERINTENDENT  
NEW JERSEY STATE POLICE

  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. <u>6/20/12</u>	<u>CAPE MAY P.D.</u>	<u>Adam Standa</u>
2. <u>11/6/14</u>	<u>CCPD</u>	<u>Adam Standa</u>
3. <u>6/23/16</u>	<u>CMPS</u>	<u>Adam Standa</u>
4. <u>1/16/18</u>	<u>LAKE HURLEY</u>	<u>Adam Standa</u>
5.		
6.		
7.		
8.		
9.		

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



## 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

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

GURBIR S. GREWAL  
*Attorney General*

PATRICK J. CALLAHAN  
*Colonel*

### **CERTIFICATION OF ANALYSIS** **0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION**

**ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION:** Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

**MANUFACTURER:** Dräger Safety, Inc.


**ANALYSIS DATE:** 08/28/2018

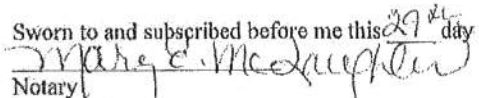
**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0486 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 31, 2020.

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 29<sup>th</sup> day of August, 2018.  
  
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

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Governor

SHEILA Y. OLIVER  
Lt. Governor

GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

## CERTIFICATION OF ANALYSIS 0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 08/30/2018

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 18250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0976 to 0.0987 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 06, 2020.

As Assistant Chief Forensic 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.

*Michael Kennedy*

Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 4<sup>th</sup> day of September, 2018.

*Mary E. McLaughlin*  
Notary

MARY ELIZABETH MCLAUGHLIN

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



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## State of New Jersey

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

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

GURBIR S. GREWAL  
*Attorney General*

PATRICK J. CALLAHAN  
*Colonel*

### **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:** 07/31/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18220

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 to 0.1233 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 July 23, 2020.

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 1st day of August, 2018.

  
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

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*Attorney General*

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*Colonel*

### **CERTIFICATION OF ANALYSIS** **0.160 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:** 09/13/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1938 to 0.1964 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 21, 2020.

As Assistant Chief Forensic 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.

Michael Kennedy  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15<sup>th</sup> day of September 2018.

Mary E. McLaughlin  
Notary

**MARY ELIZABETH MCLAUGHLIN**

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**Dräger**

**Simulator**

**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, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDRKS3-0014

Certification Date:

6-11-19

Technician:

BS

Re-Certification Due Date:

6-11-20

**Dräger**

**Simulator**

**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, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDRFS3-0008

Certification Date:

2-19-19

Technician:

BS

Re-Certification Due Date:

2-19-20

**Dräger**

**Simulator**

**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, Inc.

☒ Model: ALCOTEST CU34

☐ Model: MARK IIA

☐ X-Cal 2000 (Alcosim)

☐ Other: \_\_\_\_\_

Serial Number:

DDWFS3-0216

Certification Date:

6-11-19

Technician:

BS

Re-Certification Due Date:

6-11-20

**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's specifications.  
For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDuNP2-237

Certification Date:

6-10-19

Next Certification Due:

6-10-20

Probe Value:

105

Draeger, Inc.

BS



# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARNK-0025
Location:	WESTAMPTON POLICE		
Calibration File No.:	00919	Calib. Date:	08/07/2019
Certification File No.:	00920	Cert. Date:	08/07/2019
Linearity File No.:	00921	Lin. Date:	08/07/2019
Solution File No.:	00922	Soln. Date:	08/07/2019
Sequential File No.:	00922	File Date:	08/07/2019
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDUJ S3-0117
Solution Control Lot:	18290	Expires:	09/17/2020
		Bottle No.:	0135

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:55D		
Control 1 EC	0.099%	14:56D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	14:56D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:56D		
Control 2 EC	0.098%	14:57D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.098%	14:57D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:58D		
Control 3 EC	0.098%	14:59D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.098%	14:59D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:59D		

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:

DDWA P2-116 (DN)

### Changed By:

Last Name: NAPOLITANO

First Name: DAVID

MI: M.

Signature:

*T. D. Napolitano* 7237

Badge No.: 7237

Date: 08/07/2019





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*Attorney General*

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*Colonel*

**CERTIFICATION OF ANALYSIS**  
**0.100 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.

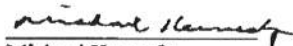
**ANALYSIS DATE:** 09/25/2018

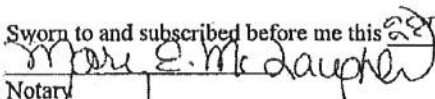
**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 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 September 21, 2020.

As Assistant Chief Forensic 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.

  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 29<sup>th</sup> day of September, 2018.  
  
Notary

**MARY ELIZABETH MCLAUGHLIN**

ID # 2052190  
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STATE OF NEW JERSEY  
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GURBIR S. GREWAL  
Attorney General

PATRICK J. CALLAHAN  
Colonel

**AMMENDED  
CERTIFICATION OF ANALYSIS  
0.100 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:** 09/25/2018

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 18290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1210 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 September 17, 2020.

As Assistant Chief Forensic 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.

This certificate was amended to reflect a correction of expiration date from September 21, 2020 to September 17, 2020.

Michael Kennedy  
Michael Kennedy  
Assistant Chief Forensic Scientist  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19<sup>th</sup> day of October, 2018.

Notary

MARY ELIZABETH MCLAUGHLIN  
MARY ELIZABETH MCLAUGHLIN

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