

# Calibrating Unit New Standard Solution Report

|                         |                       |                         |
|-------------------------|-----------------------|-------------------------|
| <b>Equipment</b>        | Alcotest 7110 MKJII-C | Serial No.: ARDC-0066   |
| Location:               | EVESHAM TOWNSHIP P.D. |                         |
| Calibration File No.:   | 00275                 | Calib. Date: 12/11/2014 |
| Certification File No.: | 00276                 | Calib. No.: 00012       |
| Linearity File No.:     | 00277                 | Cert. Date: 12/11/2014  |
| Solution File No.:      | 00303                 | Cert. No.: 00008        |
| Sequential File No.:    | 00303                 | Lin. Date: 12/11/2014   |
|                         |                       | Lin. No.: 00007         |
|                         |                       | Soln. Date: 03/16/2015  |
|                         |                       | Soln. No.: 00058        |
|                         |                       | File Date: 03/16/2015   |

|                              |                  |                          |
|------------------------------|------------------|--------------------------|
| Calibrating Unit: WET        | Model No.: CU-34 | Serial No.: DDUK S3-0122 |
| Control Solution %: 0.100%   |                  | Expires: 04/29/2016      |
| Solution Control Lot: 14D129 |                  | Bottle No.: 0587         |

| Function          | Result<br>%BAC | Time<br>HH:MM | Temperature<br>Simulator (°C) | Comment(s)<br>or Error(s) |
|-------------------|----------------|---------------|-------------------------------|---------------------------|
| Ambient Air Blank | 0.000%         | 07:36S        |                               |                           |
| Control 1 EC      | 0.100%         | 07:37S        | 33.9°C                        | *** TEST PASSED ***       |
| Control 1 IR      | 0.100%         | 07:37S        | 33.9°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 07:37S        |                               |                           |
| Control 2 EC      | 0.098%         | 07:38S        | 34.0°C                        | *** TEST PASSED ***       |
| Control 2 IR      | 0.099%         | 07:38S        | 34.0°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 07:39S        |                               |                           |
| Control 3 EC      | 0.098%         | 07:40S        | 33.9°C                        | *** TEST PASSED ***       |
| Control 3 IR      | 0.099%         | 07:40S        | 33.9°C                        | *** TEST PASSED ***       |
| Ambient Air Blank | 0.000%         | 07:40S        |                               |                           |

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.

**Changed By:**

Last Name: MAGEE

First Name: THOMAS

MI: -

Signature: Officer Thomas Magee #50

Badge No.: 50

Date: 03/16/2015

# Calibrating Unit New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARDC-0066  
Location: EVESHAM TOWNSHIP P.D.  
Calibration File No.: 00275 Calib. Date: 12/11/2014 Calib. No.: 00012  
Certification File No.: 00276 Cert. Date: 12/11/2014 Cert. No.: 00008  
Linearity File No.: 00277 Lin. Date: 12/11/2014 Lin. No.: 00007  
Solution File No.: 00299 Soln. Date: 03/02/2015 Soln. No.: 00056  
Sequential File No.: 00299 File Date: 03/02/2015

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDUK S3-0122  
Control Solution %: 0.100% Expires: 04/29/2016  
Solution Control Lot: 14D129 Bottle No.: 0592

| Function          | Result | Time   | Temperature    | Comment(s)          |
|-------------------|--------|--------|----------------|---------------------|
|                   | %BAC   | HH:MM  | Simulator (°C) | or Error(s)         |
| Ambient Air Blank | 0.000% | 14:10S |                |                     |
| Control 1 EC      | 0.102% | 14:11S | 34.0°C         | *** TEST PASSED *** |
| Control 1 IR      | 0.100% | 14:11S | 34.0°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:12S |                |                     |
| Control 2 EC      | 0.100% | 14:12S | 33.9°C         | *** TEST PASSED *** |
| Control 2 IR      | 0.100% | 14:12S | 33.9°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:13S |                |                     |
| Control 3 EC      | 0.099% | 14:14S | 34.0°C         | *** TEST PASSED *** |
| Control 3 IR      | 0.100% | 14:14S | 34.0°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 14:14S |                |                     |

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.

## Changed By:

Last Name: MAGEE

First Name: THOMAS

MI: -

Signature: Officer Thomas Magee #58

Badge No.: 50

Date: 03/02/2015



State of New Jersey  
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 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: Dräger Safety, Inc.

ANALYSIS DATE: 5/06/2014

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 14D129

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1208 to 0.1217 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 April 29, 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 06 day of May, 2014.

Joseph R. Fuentes  
 Notary



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# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARDC-0066  
**Location:** EVESHAM TOWNSHIP P.D.  
**Calibration File No.:** 00275 **Calib. Date:** 12/11/2014 **Calib. No.:** 00012  
**Certification File No.:** 00276 **Cert. Date:** 12/11/2014 **Cert. No.:** 00008  
**Linearity File No.:** 00277 **Lin. Date:** 12/11/2014 **Lin. No.:** 00007  
**Solution File No.:** 00294 **Soln. Date:** 01/30/2015 **Soln. No.:** 00054  
**Sequential File No.:** 00294 **File Date:** 01/30/2015

**Calibrating Unit:** WET **Model No.:** CU-34 **Serial No.:** DDUK S3-0122  
**Control Solution %:** 0.100% **Expires:** 03/12/2015  
**Solution Control Lot:** 13C111 **Bottle No.:** 0976

| Function          | Result | Time   | Temperature    | Comment(s)          |
|-------------------|--------|--------|----------------|---------------------|
|                   | %BAC   | HH:MM  | Simulator (°C) | or Error(s)         |
| Ambient Air Blank | 0.000% | 13:24S |                |                     |
| Control 1 EC      | 0.101% | 13:25S | 34.0°C         | *** TEST PASSED *** |
| Control 1 IR      | 0.101% | 13:25S | 34.0°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:26S |                |                     |
| Control 2 EC      | 0.101% | 13:27S | 34.0°C         | *** TEST PASSED *** |
| Control 2 IR      | 0.100% | 13:27S | 34.0°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:27S |                |                     |
| Control 3 EC      | 0.100% | 13:28S | 33.9°C         | *** TEST PASSED *** |
| Control 3 IR      | 0.099% | 13:28S | 33.9°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 13:29S |                |                     |

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.

### Changed By:

Last Name: MAGEE

First Name: THOMAS

MI: -

Signature: Officer Thomas Magee #50

Badge No.: 50

Date: 01/30/2015

# Calibrating Unit

## New Standard Solution Report

|                                |                       |                     |            |
|--------------------------------|-----------------------|---------------------|------------|
| <b>Equipment</b>               | Alcotest 7110 MKIII-C | Serial No.:         | ARDC-0066  |
| <b>Location:</b>               | EVESHAM TOWNSHIP P.D. |                     |            |
| <b>Calibration File No.:</b>   | 00275                 | <b>Calib. Date:</b> | 12/11/2014 |
| <b>Certification File No.:</b> | 00276                 | <b>Cert. Date:</b>  | 12/11/2014 |
| <b>Linearity File No.:</b>     | 00277                 | <b>Lin. Date:</b>   | 12/11/2014 |
| <b>Solution File No.:</b>      | 00289                 | <b>Soln. Date:</b>  | 01/09/2015 |
| <b>Sequential File No.:</b>    | 00289                 | <b>File Date:</b>   | 01/09/2015 |

|                              |        |                   |       |                    |              |
|------------------------------|--------|-------------------|-------|--------------------|--------------|
| <b>Calibrating Unit:</b>     | WET    | <b>Model No.:</b> | CU-34 | <b>Serial No.:</b> | DDUK S3-0122 |
| <b>Control Solution %:</b>   | 0.100% |                   |       | <b>Expires:</b>    | 03/12/2015   |
| <b>Solution Control Lot:</b> | 13C111 |                   |       | <b>Bottle No.:</b> | 0990         |

| Function          | Result | Time   | Temperature    | Comment(s)          |
|-------------------|--------|--------|----------------|---------------------|
|                   | %BAC   | HH:MM  | Simulator (°C) | or Error(s)         |
| Ambient Air Blank | 0.000% | 15:09S |                |                     |
| Control 1 EC      | 0.100% | 15:10S | 34.0°C         | *** TEST PASSED *** |
| Control 1 IR      | 0.099% | 15:10S | 34.0°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 15:10S |                |                     |
| Control 2 EC      | 0.098% | 15:11S | 33.9°C         | *** TEST PASSED *** |
| Control 2 IR      | 0.099% | 15:11S | 33.9°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 15:12S |                |                     |
| Control 3 EC      | 0.099% | 15:13S | 34.0°C         | *** TEST PASSED *** |
| Control 3 IR      | 0.099% | 15:13S | 34.0°C         | *** TEST PASSED *** |
| Ambient Air Blank | 0.000% | 15:13S |                |                     |

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.

**Changed By:**

Last Name: SHORT

First Name: JONATHAN

MI: T

Signature: \_\_\_\_\_

*Jonathan Short #64*

Badge No.: 64

Date: 01/09/2015



State of New Jersey  
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Governor

KIM GUADAGNO  
Lt. Governor

JEFFREY S. CHIESA  
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:** 4/4/2013

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 13C111

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1225 to 0.1232 grams per 100 milliliters of solution.

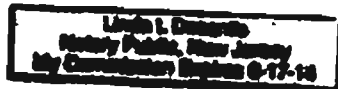
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is March 12, 2015.

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

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

Sworn to and subscribed before me this 9<sup>th</sup> day of April, 2013.

Notary



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