

## ALCOTEST 9510 PARAMETER REPORT

### Equipment

Serial No.: ARMJ-0130  
Firmware: 8326739 1.5  
WinCE application: 8326738 2.9  
Configuration: 8326737 3.10

Date: 08/05/2026  
Time: 09:58:25

### Parameter

|                                           |        |             |
|-------------------------------------------|--------|-------------|
| min. blow time                            | 5.0    | s           |
| min. breath volume for females of age 60+ | 1.2    | L           |
| min. breath volume for all other          | 1.5    | L           |
| min. blow flow                            | 4.5    | L/min       |
| plateau detection limit                   | 4      | %           |
| plateau detection start conc.             | 70     | microgram/L |
| neg. flow detection (part. vacuum)        | 10.0   | hPa         |
| neg. flow detection sensitivity           | 10     |             |
| cal. gas abort volume                     | 0.4    | L           |
| result-to-zero limit                      | 0.0050 | %BAC        |
| ambient air check limit                   | 0.0049 | %BAC        |
| interference det. d-criterion limit abs.  | 38     | microgram/L |
| interference det. d-criterion limit rel.  | 10.0   | %           |
| interference det. t-criterion limit abs.  | 8      | microgram/L |
| interference det. t-criterion limit rel.  | 2.1    | %           |
| IR CO2 offset                             | 10     | microgram/L |
| IR H2O offset                             | 4      | microgram/L |
| EC H2O offset                             | 0      | microgram/L |
| Value-based EC aging comp. on/off (1/0)   | 0      |             |
| Time-based EC aging comp. on/off (1/0)    | 1      |             |
| Time-based EC aging comp. per month       | 0.2    | %           |
| Time-based EC aging comp. maximum         | 3.0    | %           |
| EC fatigue comp. max. sum                 | 15000  |             |
| EC fatigue comp. factor                   | 50     |             |
| EC fatigue comp. minutes                  | 180    |             |
| mouth alc. mark limit                     | 500    |             |
| mouth alc. lower limit                    | 30     |             |
| mouth alc. slope                          | 6      |             |
| mouth alc. zero limit                     | 50     |             |
| mouth alc. max. neg. sum                  | 6      |             |
| mouth alc. max. 2nd derivative            | 35     |             |

**ALCOTEST 9510 CERTIFICATION REPORT - WET ADJUST (PART I)**  
**Florence Township**

**Equipment**

|                  |               |             |              |        |             |
|------------------|---------------|-------------|--------------|--------|-------------|
| Inst. Model No.: | ALCOTEST 9510 | Serial No.: | ARMJ-0130    |        |             |
| Firmware:        | 8326739 1.5   | Config.:    | 8326737 3.10 | WinCE: | 8326738 2.9 |

**Wet Adjust Record**

|                      |    |                  |            |                 |   |
|----------------------|----|------------------|------------|-----------------|---|
| Wet Adjust File No.: | 95 | Wet Adjust Date: | 08/05/2026 | Wet Adjust No.: | 4 |
|                      |    | Wet Adjust Time: | 10:40:18   |                 |   |

|                   |            |                     |           |                    |            |
|-------------------|------------|---------------------|-----------|--------------------|------------|
| Concentration:    | 0.100 %    |                     |           |                    |            |
| Adjusting Unit:   | X-Cal 2000 | Adj. Unit Ser. No.: | ARMN-0039 | Adj. Unit Exp.:    | 04/28/2027 |
| Solution Lot No.: | 25180      | Soln. Bottle No.:   | 136       | Adjust Soln. Exp.: | 06/03/2027 |

|                             |                |
|-----------------------------|----------------|
| Preadjust Simulator Temp.:  | 34.00 degree C |
| Postadjust Simulator Temp.: | 34.00 degree C |

**Result**

**Procedure completed successfully.**

**Coordinator**

|                       |                   |       |                 |
|-----------------------|-------------------|-------|-----------------|
| Last Name: Fillimon - | First Name: James | MI: G | Badge No.: 8306 |
|-----------------------|-------------------|-------|-----------------|

On this date, I certified the above instrument in accordance with the Alcotest 9510 operator training and procedures established by the NJSP Office of Forensic Sciences.

*TPJ James Fillimon # 8306*

|         |                  |          |
|---------|------------------|----------|
| Signed: | Date: 08/05/2026 | ID: 2673 |
|---------|------------------|----------|

**ALCOTEST 9510 CERTIFICATION REPORT - DRY ADJUST (PART II)**  
**Florence Township**

**Equipment**

|                  |               |             |              |        |             |
|------------------|---------------|-------------|--------------|--------|-------------|
| Inst. Model No.: | ALCOTEST 9510 | Serial No.: | ARMJ-0130    |        |             |
| Firmware:        | 8326739 1.5   | Config.:    | 8326737 3.10 | WinCE: | 8326738 2.9 |

**Dry Adjust Record**

|                      |    |                  |            |                 |   |
|----------------------|----|------------------|------------|-----------------|---|
| Dry Adjust File No.: | 96 | Dry Adjust Date: | 08/05/2026 | Dry Adjust No.: | 4 |
|                      |    | Dry Adjust Time: | 10:57:20   |                 |   |

|                           |                |                    |                            |                    |            |
|---------------------------|----------------|--------------------|----------------------------|--------------------|------------|
| Concentration:            | 0.100 %        |                    |                            |                    |            |
| Dry Gas Lot No.:          | 302-403034216  | Adjust Gas Exp.:   | 04/30/2027                 |                    |            |
| Barom. Model No.:         | Mensor CPG2300 | Barom. Serial No.: | 41001RDE                   | Barom. Cert. Exp.: | 04/23/2027 |
| Pre-adjust Amb. Pressure: |                | 1018 hPa           | Post-adjust Amb. Pressure: |                    | 1020 hPa   |

**Result**

**Procedure completed successfully.**

**Coordinator**

|                       |                   |       |                 |
|-----------------------|-------------------|-------|-----------------|
| Last Name: Fillimon - | First Name: James | MI: G | Badge No.: 8306 |
|-----------------------|-------------------|-------|-----------------|

On this date, I certified the above instrument in accordance with the Alcotest 9510 operator training and procedures established by the NJSP Office of Forensic Sciences.

*Top II James Fillimon # 8306*

Signed:

Date: 08/05/2026

ID: 2673

**ALCOTEST 9510 CERTIFICATION REPORT - LINEARITY (PART III)**  
**Florence Township**

**Equipment**

Inst. Model No.: ALCOTEST 9510 Serial No.: ARMJ-0130  
Firmware: 8326739 1.5 Config.: 8326737 3.10 WinCE: 8326738 2.9

**Linearity Record**

Linearity File No.: 97 Lin. Date: 08/05/2026 Lin. No.: 3

0.040% Dry Gas Lot No.: 302-402999655 Adjust. Gas Exp.: 03/20/2027  
0.080% Dry Gas Lot No.: 302-402956578 Adjust. Gas Exp.: 01/29/2027  
0.160% Dry Gas Lot No.: 302-402922402 Adjust. Gas Exp.: 12/14/2026  
0.300% Dry Gas Lot No.: 302-403055153 Adjust. Gas Exp.: 05/24/2027

**Data Summary**

| Function              | Result<br>%BAC | Time<br>hh:mm:ss | Barometric<br>Pres. [hPa] | Comment(s)<br>or Status Code |
|-----------------------|----------------|------------------|---------------------------|------------------------------|
| Ambient Air Blank     | 0.000          | 11:25:10         |                           | *TEST PASSED*                |
| Control .04 Test 1 EC | 0.039          | 11:25:49         | 1020                      | *TEST PASSED*                |
| Control .04 Test 1 IR | 0.039          | 11:25:49         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:26:40         |                           | *TEST PASSED*                |
| Control .04 Test 2 EC | 0.039          | 11:26:56         | 1020                      | *TEST PASSED*                |
| Control .04 Test 2 IR | 0.040          | 11:26:56         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:28:28         |                           | *TEST PASSED*                |
| Control .08 Test 3 EC | 0.079          | 11:29:04         | 1020                      | *TEST PASSED*                |
| Control .08 Test 3 IR | 0.081          | 11:29:04         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:29:58         |                           | *TEST PASSED*                |
| Control .08 Test 4 EC | 0.080          | 11:30:12         | 1020                      | *TEST PASSED*                |
| Control .08 Test 4 IR | 0.081          | 11:30:12         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:35:16         |                           | *TEST PASSED*                |
| Control .16 Test 5 EC | 0.157          | 11:35:51         | 1020                      | *TEST PASSED*                |
| Control .16 Test 5 IR | 0.160          | 11:35:51         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:36:51         |                           | *TEST PASSED*                |
| Control .16 Test 6 EC | 0.161          | 11:37:04         | 1020                      | *TEST PASSED*                |
| Control .16 Test 6 IR | 0.162          | 11:37:04         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:45:31         |                           | *TEST PASSED*                |
| Control .30 Test 7 EC | 0.301          | 11:46:07         | 1020                      | *TEST PASSED*                |
| Control .30 Test 7 IR | 0.305          | 11:46:07         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:47:14         |                           | *TEST PASSED*                |
| Control .30 Test 8 EC | 0.305          | 11:47:27         | 1020                      | *TEST PASSED*                |
| Control .30 Test 8 IR | 0.308          | 11:47:27         | 1020                      | *TEST PASSED*                |
| Ambient Air Blank     | 0.000          | 11:47:44         |                           | *TEST PASSED*                |

**Result**

**All tests within acceptable tolerance.**

**Coordinator**

Last Name: Fillimon - First Name: James MI: G Badge No.: 8306

On this date, I certified the above instrument in accordance with the Alcotest 9510 operator training and procedures established by the NJSP Office of Forensic Sciences.

*T. J. Fillimon # 8306*

Signed:

Date: 08/05/2026

ID: 2673

**ALCOTEST 9510 CYLINDER INSTALLATION REPORT - INLET 1**  
**Florence Township**  
**SERIAL NUMBER: ARMJ-0130**

**Equipment**

|                        |               |                    |              |                   |             |
|------------------------|---------------|--------------------|--------------|-------------------|-------------|
| Inst. Model No.:       | ALCOTEST 9510 | Serial No.:        | ARMJ-0130    | WinCE:            | 8326738 2.9 |
| Firmware:              | 8326739 1.5   | Config.:           | 8326737 3.10 | Cyl1 Install No.: | 2           |
| Cyl1 Install File No.: | 65            | Cyl1 Install Date: | 03/17/2026   |                   |             |

**Control Tests (0.100%)**

|                     |               |                        |            |
|---------------------|---------------|------------------------|------------|
| Installation Inlet: | #1 (Upper)    | Post test active Cyl.: | #1 (Upper) |
| Dry Gas Lot No.:    | 302-403035122 | Dry Gas Lot Exp.:      | 05/03/2027 |

**Data Summary**

| Function          | Result<br>%BAC | Time<br>hh:mm:ss | Barometric<br>Pres. [hPa] | Comment(s)<br>or Status Code |
|-------------------|----------------|------------------|---------------------------|------------------------------|
| Ambient Air Blank | 0.000          | 12:19:43         |                           | *TEST PASSED*                |
| Control Test 1    |                |                  | 1012                      | *TEST PASSED*                |
| EC Result         | 0.099          | 12:20:32         |                           | *TEST PASSED*                |
| IR Result         | 0.099          | 12:20:32         |                           | *TEST PASSED*                |
| Ambient Air Blank | 0.000          | 12:21:25         |                           | *TEST PASSED*                |
| Control Test 2    |                |                  | 1012                      | *TEST PASSED*                |
| EC Result         | 0.100          | 12:21:53         |                           | *TEST PASSED*                |
| IR Result         | 0.099          | 12:21:53         |                           | *TEST PASSED*                |
| Ambient Air Blank | 0.000          | 12:22:46         |                           | *TEST PASSED*                |
| Control Test 3    |                |                  | 1011                      | *TEST PASSED*                |
| EC Result         | 0.100          | 12:23:13         |                           | *TEST PASSED*                |
| IR Result         | 0.099          | 12:23:13         |                           | *TEST PASSED*                |
| Ambient Air Blank | 0.000          | 12:23:25         |                           | *TEST PASSED*                |

**Result**

**All tests within acceptable tolerance.**

**Coordinator**

|                       |                   |       |                 |
|-----------------------|-------------------|-------|-----------------|
| Last Name: Fillimon - | First Name: James | MI: G | Badge No.: 8306 |
|-----------------------|-------------------|-------|-----------------|

On this date, I certified the above instrument in accordance with the Alcotest 9510 operator training and procedures established by the NJSP Office of Forensic Sciences.

*James Fillimon #8306*

Signed:

Date: 03/17/2026

ID: 2673

**ALCOTEST 9510 CYLINDER INSTALLATION REPORT - INLET 2**  
**Florence Township**  
**SERIAL NUMBER: ARMJ-0130**

**Equipment**

|                        |               |                    |              |                   |             |
|------------------------|---------------|--------------------|--------------|-------------------|-------------|
| Inst. Model No.:       | ALCOTEST 9510 | Serial No.:        | ARMJ-0130    |                   |             |
| Firmware:              | 8326739 1.5   | Config.:           | 8326737 3.10 | WinCE:            | 8326738 2.9 |
| Cyl2 Install File No.: | 66            | Cyl2 Install Date: | 03/17/2026   | Cyl2 Install No.: | 2           |

**Control Tests (0.100%)**

|                     |               |                        |            |
|---------------------|---------------|------------------------|------------|
| Installation Inlet: | #2 (Lower)    | Post test active Cyl.: | #1 (Upper) |
| Dry Gas Lot No.:    | 302-403342587 | Dry Gas Lot Exp.:      | 05/12/2028 |

**Data Summary**

| Function          | Result<br>%BAC | Time<br>hh:mm:ss | Barometric<br>Pres. [hPa] | Comment(s)<br>or Status Code |
|-------------------|----------------|------------------|---------------------------|------------------------------|
| Ambient Air Blank | 0.000          | 12:30:46         |                           | *TEST PASSED*                |
| Control Test 1    |                |                  | 1011                      | *TEST PASSED*                |
| EC Result         | 0.100          | 12:31:34         |                           | *TEST PASSED*                |
| IR Result         | 0.099          | 12:31:34         |                           | *TEST PASSED*                |
| Ambient Air Blank | 0.000          | 12:32:28         |                           | *TEST PASSED*                |
| Control Test 2    |                |                  | 1011                      | *TEST PASSED*                |
| EC Result         | 0.101          | 12:32:55         |                           | *TEST PASSED*                |
| IR Result         | 0.100          | 12:32:55         |                           | *TEST PASSED*                |
| Ambient Air Blank | 0.000          | 12:33:48         |                           | *TEST PASSED*                |
| Control Test 3    |                |                  | 1011                      | *TEST PASSED*                |
| EC Result         | 0.101          | 12:34:15         |                           | *TEST PASSED*                |
| IR Result         | 0.100          | 12:34:15         |                           | *TEST PASSED*                |
| Ambient Air Blank | 0.000          | 12:34:27         |                           | *TEST PASSED*                |

**Result**

All tests within acceptable tolerance.

**Coordinator**

|                       |                   |       |                 |
|-----------------------|-------------------|-------|-----------------|
| Last Name: Fillimon - | First Name: James | MI: G | Badge No.: 8306 |
|-----------------------|-------------------|-------|-----------------|

On this date, I certified the above instrument in accordance with the Alcotest 9510 operator training and procedures established by the NJSP Office of Forensic Sciences.

*Tr. James Fillimon #8306*

Signed:

Date: 03/17/2026

ID: 2673

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4401036

DRAEGER MEDICAL SYSTEMS INC

Sales order: 1131780835

Date: July 19, 2024

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer

ANALYTICAL ACCURACY: +/-0.002 BrAC or +/-2% whichever is greater.

CALGAZ LOT#: 302-403035122

ETHANOL IN NITROGEN

Manufactured Date: May 03, 2024

Product Expiration: May 03, 2027

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 260.5PPM | (0.100)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 261.8    | (0.100)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND38424  | 260.7             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.

Traceable certificate numbers 3445312 and 3398673.

### Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards.

Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

APPROVED BY: 

"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.65 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**

821 Chesapeake Drive, Cambridge, MD 21613-0149

Phone: (410) 228-6400

Fax: (410) 228-4251

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4401036

DRAEGER MEDICAL SYSTEMS INC

Sales order: 1140199442

Date: June 18, 2025

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer

ANALYTICAL ACCURACY:  $\pm 0.002$  BrAC or  $\pm 2\%$  whichever is greater.

CALGAZ LOT#: 302-403342587

Manufactured Date: May 12, 2025

ETHANOL IN NITROGEN

Product Expiration: May 12, 2028

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 260.5PPM | (0.100)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 263.4    | (0.101)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND49826  | 260.1             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.  
Traceable certificate numbers 3445312 and 3398673.

#### Analytical:

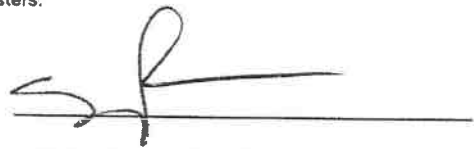
Analytical Instruments Calibrated Using NMI Traceable Standards.

Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

APPROVED BY: 

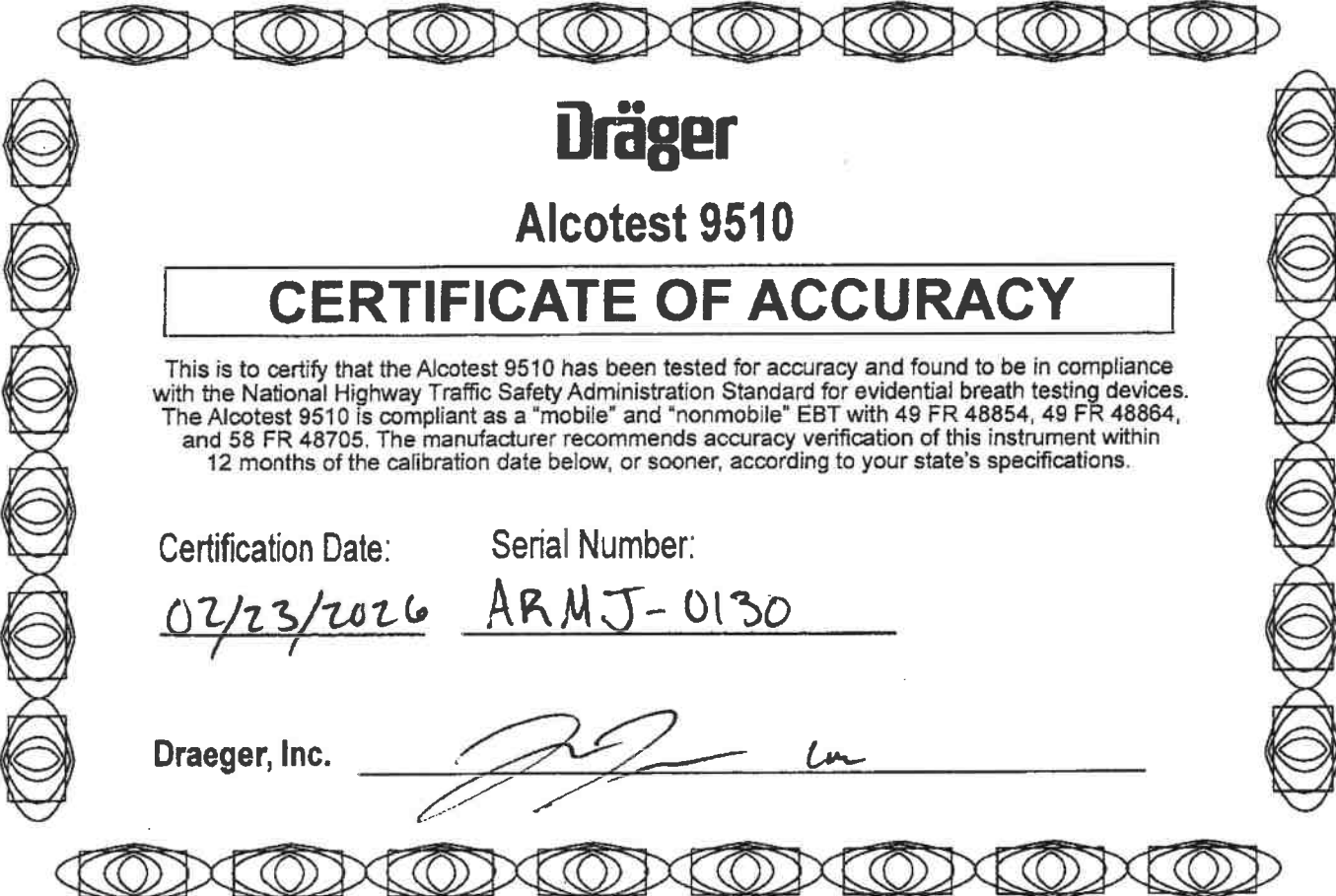
"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.85 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**

821 Chesapeake Drive, Cambridge, MD 21613-0149

Phone: (410) 228-6400

Fax: (410) 228-4251



# Dräger

## Alcotest 9510

### CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 9510 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 9510 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's specifications.

Certification Date:

Serial Number:

02/23/2026

ARMJ-0130

Draeger, Inc.





## State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
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PHILIP D. MURPHY  
Governor

TAHESHA L. WAY  
Lt. Governor

MATTHEW J. PLATKIN  
Attorney General

COLONEL PATRICK J. CALLAHAN  
Superintendent

### **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, Inc.

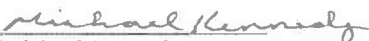
**ANALYSIS DATE:** 06/17/2025

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 25180

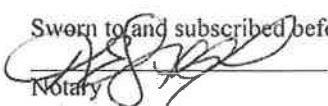
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1221 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 03, 2027.

As OFS Director 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  
Director  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of June, 2025.

  
Notary



"An Internationally Accredited Agency"

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





# CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-120-1 Revision 0

Manufacturer: Drager Safety AG & Co. KGaA  
Model Number: X-Cal 2000  
Description: Breath Alcohol Simulator  
Serial Number: ARMN-0039  
ID: NONE

As-Found: Out Of Tolerance  
As-Left: In Tolerance

Issue Date: Apr 29, 2026  
Calibration Date: Apr 28, 2026  
Due Date: Apr 28, 2027

Calibrated To: Manufacturer Specification  
Calibration Procedure: 1-AC103519-2

This calibration conforms to ISO/IEC 17025:2017, ANSI/NCSL Z540-1:1994, ISO 9001:2015, and ISO 10012:2003. When specified contractually, the requirements of ISO TS16949:2009, 10CFR21, 10CFR50 App. B, ASME NQA-1:2012, and ANSI/NCSL Z540.3-2006 (R2013) are also covered. Standards are traceable to the SI either through the National Institute of Standards & Technology (NIST), the National Research Council of Canada (NRC), other national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Arrangement, natural physical constants, intrinsic standards, or ratio type measurements. The results of this report relate only to the item calibrated or tested. Reported data is valid at the time of calibration at the environmental conditions noted. This certificate shall not be reproduced except in full, without the written consent of Transcat Inc. Uncertainties are reported with a coverage factor k=2, providing a level of confidence of approximately 95%. When a decision rule is inherent in the specification or the standard the prescribed decision rule was used, otherwise where a statement of conformance is made, it was made based on the measurement meeting the limit, with no guard-banding applied. Per ILAC G8 Simple Decision rule TUR is  $\geq 4:1$  unless otherwise noted in the data.

#### Notes:

The OOT readings were verified. Unit was received Out of Tolerance and adjustments were made for best overall accuracy.

Calibrated At:  
16115 Park Row  
Houston, TX 77084

Facility Responsible:  
16115 Park Row  
Houston, TX 77084  
800-828-1470

Calibrated By:  
Electronically Signed By:  
Jempson Andre

Reviewed By:  
Electronically Signed By:  
Graham Walker for

Unit Barcode:   
0900B587243

Jempson Andre Apr 28, 2026  
Calibration Technician 21:47:55 -04:00

Josh Soileau Apr 29, 2026  
Lab Manager 05:54:13 -04:00

Date Received: April 23, 2026  
Service Level: R9

Certificate - Page 1 of 3  
Reprinted on June 10, 2026

Customer Number: 1-659111-000



# CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-120-1 Revision 0

## As Found Data

| Description                        | Setpoints | Accuracy    | Low Limit | High Limit | As Found | O<br>O<br>T | Cal Process<br>Uncertainty<br>(k=2; ±) | Measurement<br>Uncertainty<br>(k=2; ±) | Units | TUR     |
|------------------------------------|-----------|-------------|-----------|------------|----------|-------------|----------------------------------------|----------------------------------------|-------|---------|
| Function Checks                    |           |             |           |            |          |             |                                        |                                        |       |         |
| Bubble Check                       |           |             | P         | P          | P        |             |                                        |                                        |       |         |
| Seal Check                         |           |             | P         | P          | P        |             |                                        |                                        |       |         |
| Temperature Source: Accuracy Test  |           |             |           |            |          |             |                                        |                                        |       |         |
| Accuracy Test                      | 34.00°C   | ±( 0.02 °C) | 33.98     | 34.02      | 34.06 °C | *           | 1.5e-002                               | 1.6e-002                               | °C    | 1.3 : 1 |
| Temperature Source: Stability Test |           |             |           |            |          |             |                                        |                                        |       |         |
| Stability Test                     | 0.00°C    | ±( 0.02 °C) | -0.02     | 0.02       | 0.00 °C  |             |                                        |                                        |       |         |

## As Left Data

| Description                        | Setpoints | Accuracy    | Low Limit | High Limit | As Left  | O<br>O<br>T | Cal Process<br>Uncertainty<br>(k=2; ±) | Measurement<br>Uncertainty<br>(k=2; ±) | Units | TUR     |
|------------------------------------|-----------|-------------|-----------|------------|----------|-------------|----------------------------------------|----------------------------------------|-------|---------|
| Function Checks                    |           |             |           |            |          |             |                                        |                                        |       |         |
| Bubble Check                       |           |             | P         | P          | P        |             |                                        |                                        |       |         |
| Seal Check                         |           |             | P         | P          | P        |             |                                        |                                        |       |         |
| Temperature Source: Accuracy Test  |           |             |           |            |          |             |                                        |                                        |       |         |
| Accuracy Test                      | 34.00°C   | ±( 0.02 °C) | 33.98     | 34.02      | 34.00 °C |             | 1.5e-002                               | 1.6e-002                               | °C    | 1.3 : 1 |
| Temperature Source: Stability Test |           |             |           |            |          |             |                                        |                                        |       |         |
| Stability Test                     | 0.00°C    | ±( 0.02 °C) | -0.02     | 0.02       | 0.00 °C  |             |                                        |                                        |       |         |

Field not applicable.

Date Received: April 23, 2026  
Service Level : R9

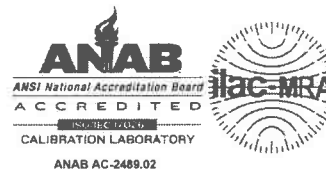
Certificate - Page 2 of 3  
Reprinted on June 10, 2026

Customer Number: 1-659111-000



# CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-120-1 Revision 0

## Traceable Standards

| Asset   | Manufacturer          | Model Number | Description             | Cal Date  | Due Date  | Traceability Number | Use   |
|---------|-----------------------|--------------|-------------------------|-----------|-----------|---------------------|-------|
| 05H1425 | Hart Scientific/Fluke | 5615-12-P    | Secondary Reference PRT | 18-Apr-25 | 30-Apr-26 | 1S-805H1425-4-1     | AF/AL |
| 5656    | Fluke                 | 1524         | Handheld Thermometer    | 13-Jun-25 | 30-Jun-26 | 5 -85656-21-1       | AF/AL |

The use of the standard is defined as: AF - used for as-found readings, AL - used for as-left readings.

## Environmental Data

|           | Temperature       | Relative Humidity | Temp / RH Asset | Lab Area | Lab Description |
|-----------|-------------------|-------------------|-----------------|----------|-----------------|
| As Found: | 70.24°F / 21.24°C | 50.90%            | DewK11          | G        | Temperature     |
| As Left:  | 70.14°F / 21.19°C | 53.10%            | DewK11          | G        | Temperature     |

Date Received: April 23, 2026  
Service Level: R9

Certificate - Page 3 of 3  
Reprinted on June 10, 2026

Customer Number: 1-659111-000



# CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-40-1 Revision 0

Manufacturer: Mensor Corp  
Model Number: CPG2300  
Description: Portable Barometer  
Serial Number: 41001RDE  
ID: NONE

As-Found: In Tolerance  
As-Left: In Tolerance  
  
Issue Date: Apr 24, 2026  
Calibration Date: Apr 23, 2026  
Due Date: Apr 23, 2027

Calibrated To: Manufacturer Specification  
Calibration Procedure: 1-AC94879-0

This calibration conforms to ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994, ISO 9001:2015, and ISO 10012:2003. When specified contractually, the requirements of ISO TS16949:2009, 10CFR21, 10CFR50 App. B, ASME NQA-1:2012, and ANSI/NCSL Z540.3-2006 (R2013) are also covered. Standards are traceable to the SI either through the National Institute of Standards & Technology (NIST), the National Research Council of Canada (NRC), other national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Arrangement, natural physical constants, intrinsic standards, or ratio type measurements. The results of this report relate only to the item calibrated or tested. Reported data is valid at the time of calibration at the environmental conditions noted. This certificate shall not be reproduced except in full, without the written consent of Transcat Inc. Uncertainties are reported with a coverage factor k=2, providing a level of confidence of approximately 95%. When a decision rule is inherent in the specification or the standard the prescribed decision rule was used, otherwise where a statement of conformance is made, it was made based on the measurement meeting the limit, with no guard-banding applied. Per ILAC G8 Simple Decision rule TUR is  $\geq 4.1$  unless otherwise noted in the data.

Calibrated At:  
16115 Park Row  
Houston, TX 77084

Facility Responsible:  
16115 Park Row  
Houston, TX 77084  
800-828-1470

Calibrated By:  
Electronically Signed By:  
Alex Spilker

Reviewed By:  
Electronically Signed By:  
Christopher Bortz for

Unit Barcode:   
0900B587251

Alex Spilker Apr 23, 2026  
Calibration Technician 21:47:31 -04:00

Josh Soileau Apr 24, 2026  
Lab Manager 06:54:57 -04:00

Date Received: April 23, 2026  
Service Level: R9

Certificate - Page 1 of 4  
Reprinted on June 10, 2026

Customer Number: 1-659111-000



# CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-40-1 Revision 0

## As Found Data

| Description                          | Setpoints  | Accuracy     | Low Limit | High Limit | As Found    | O<br>O<br>T | Cal Process<br>Uncertainty<br>(k=2; ±) | Measurement<br>Uncertainty<br>(k=2; ±) | Units | TUR      |
|--------------------------------------|------------|--------------|-----------|------------|-------------|-------------|----------------------------------------|----------------------------------------|-------|----------|
| Pressure Measure: 8 to 17 psia Range |            |              |           |            |             |             |                                        |                                        |       |          |
|                                      | 7.978psia  | ±(0.015% FS) | 7.975     | 7.981      | 7.975 psia  |             | 1.4e-004                               | 6.0e-004                               | psia  | 20.9 : 1 |
|                                      | 8.847psia  | ±(0.015% FS) | 8.844     | 8.850      | 8.845 psia  |             | 1.6e-004                               | 6.0e-004                               | psia  | 18.8 : 1 |
|                                      | 9.868psia  | ±(0.015% FS) | 9.865     | 9.871      | 9.866 psia  |             | 1.8e-004                               | 6.0e-004                               | psia  | 16.9 : 1 |
|                                      | 10.650psia | ±(0.015% FS) | 10.647    | 10.653     | 10.648 psia |             | 1.9e-004                               | 6.1e-004                               | psia  | 15.6 : 1 |
|                                      | 11.670psia | ±(0.015% FS) | 11.667    | 11.673     | 11.668 psia |             | 2.1e-004                               | 6.2e-004                               | psia  | 14.3 : 1 |
|                                      | 12.544psia | ±(0.015% FS) | 12.541    | 12.547     | 12.542 psia |             | 2.3e-004                               | 6.1e-004                               | psia  | 13.3 : 1 |
|                                      | 13.415psia | ±(0.015% FS) | 13.412    | 13.418     | 13.413 psia |             | 2.4e-004                               | 6.3e-004                               | psia  | 12.4 : 1 |
|                                      | 14.289psia | ±(0.015% FS) | 14.286    | 14.292     | 14.287 psia |             | 2.6e-004                               | 6.3e-004                               | psia  | 11.7 : 1 |
|                                      | 15.140psia | ±(0.015% FS) | 15.137    | 15.143     | 15.138 psia |             | 2.7e-004                               | 6.4e-004                               | psia  | 11.0 : 1 |
|                                      | 16.160psia | ±(0.015% FS) | 16.157    | 16.163     | 16.158 psia |             | 2.9e-004                               | 6.5e-004                               | psia  | 10.3 : 1 |
|                                      | 17.035psia | ±(0.015% FS) | 17.032    | 17.038     | 17.033 psia |             | 3.1e-004                               | 6.5e-004                               | psia  | 9.8 : 1  |
|                                      | 13.415psia | ±(0.015% FS) | 13.412    | 13.418     | 13.413 psia |             | 2.4e-004                               | 6.3e-004                               | psia  | 12.4 : 1 |
|                                      | 12.544psia | ±(0.015% FS) | 12.541    | 12.547     | 12.543 psia |             | 2.3e-004                               | 6.1e-004                               | psia  | 13.3 : 1 |
|                                      | 11.670psia | ±(0.015% FS) | 11.667    | 11.673     | 11.668 psia |             | 2.1e-004                               | 6.2e-004                               | psia  | 14.3 : 1 |

Date Received: April 23, 2026  
Service Level : R9

Certificate - Page 2 of 4  
Reprinted on June 10, 2026

Customer Number: 1-659111-000



# CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-40-1 Revision 0

## As Left Data

| Description                          | Setpoints  | Accuracy     | Low Limit | High Limit | As Left     | O<br>O<br>T | Cal Process<br>Uncertainty<br>(k=2; ±) | Measurement<br>Uncertainty<br>(k=2; ±) | Units | TUR      |
|--------------------------------------|------------|--------------|-----------|------------|-------------|-------------|----------------------------------------|----------------------------------------|-------|----------|
| Pressure Measure: 8 to 17 psia Range |            |              |           |            |             |             |                                        |                                        |       |          |
|                                      | 7.978psia  | ±(0.015% FS) | 7.975     | 7.981      | 7.978 psia  |             | 1.4e-004                               | 6.0e-004                               | psia  | 20.9 : 1 |
|                                      | 8.847psia  | ±(0.015% FS) | 8.844     | 8.850      | 8.847 psia  |             | 1.6e-004                               | 6.0e-004                               | psia  | 18.8 : 1 |
|                                      | 9.868psia  | ±(0.015% FS) | 9.865     | 9.871      | 9.868 psia  |             | 1.8e-004                               | 6.0e-004                               | psia  | 16.9 : 1 |
|                                      | 10.650psia | ±(0.015% FS) | 10.647    | 10.653     | 10.650 psia |             | 1.9e-004                               | 6.1e-004                               | psia  | 15.6 : 1 |
|                                      | 11.670psia | ±(0.015% FS) | 11.667    | 11.673     | 11.670 psia |             | 2.1e-004                               | 6.2e-004                               | psia  | 14.3 : 1 |
|                                      | 12.544psia | ±(0.015% FS) | 12.541    | 12.547     | 12.544 psia |             | 2.3e-004                               | 6.1e-004                               | psia  | 13.3 : 1 |
|                                      | 13.415psia | ±(0.015% FS) | 13.412    | 13.418     | 13.415 psia |             | 2.4e-004                               | 6.3e-004                               | psia  | 12.4 : 1 |
|                                      | 14.289psia | ±(0.015% FS) | 14.286    | 14.292     | 14.289 psia |             | 2.6e-004                               | 6.3e-004                               | psia  | 11.7 : 1 |
|                                      | 15.140psia | ±(0.015% FS) | 15.137    | 15.143     | 15.140 psia |             | 2.7e-004                               | 6.4e-004                               | psia  | 11.0 : 1 |
|                                      | 16.160psia | ±(0.015% FS) | 16.157    | 16.163     | 16.160 psia |             | 2.9e-004                               | 6.5e-004                               | psia  | 10.3 : 1 |
|                                      | 17.035psia | ±(0.015% FS) | 17.032    | 17.038     | 17.035 psia |             | 3.1e-004                               | 6.5e-004                               | psia  | 9.8 : 1  |
|                                      | 13.415psia | ±(0.015% FS) | 13.412    | 13.418     | 13.415 psia |             | 2.4e-004                               | 6.3e-004                               | psia  | 12.4 : 1 |
|                                      | 12.544psia | ±(0.015% FS) | 12.541    | 12.547     | 12.544 psia |             | 2.3e-004                               | 6.1e-004                               | psia  | 13.3 : 1 |
|                                      | 11.670psia | ±(0.015% FS) | 11.667    | 11.673     | 11.670 psia |             | 2.1e-004                               | 6.2e-004                               | psia  | 14.3 : 1 |

Field not applicable.

## Traceable Standards

| Asset    | Manufacturer         | Model Number       | Description                | Cal Date  | Due Date  | Traceability Number | Use   |
|----------|----------------------|--------------------|----------------------------|-----------|-----------|---------------------|-------|
| DW11BA   | Fluke/DH Instruments | PG7601             | Piston Gauge               | 31-Jul-25 | 31-Jul-26 | 5-&DW11BA-20-1      | AF/AL |
| DW11CA   | Fluke/DH Instruments | MS-AMH-38          | AMH Mass Set               | 2-Feb-26  | 31-May-26 | 5-&DW11CA-46-1      | AF/AL |
| DW11LOW  | Fluke/DH Instruments | PC-7100/7600-10-TC | Gas Piston-Cylinder Module | 8-Apr-22  | 30-Apr-27 | 5-&DW11LOW-3-1      | AF/AL |
| DW11MASS | Fluke/DH Instruments | MS-AMH-38          | AMH Mass Set               | 6-Apr-26  | 30-Apr-27 | 5-&DW11MASS-14-1    | AF/AL |

The use of the standard is defined as: AF - used for as-found readings, AL - used for as-left readings.

Date Received: April 23, 2026  
Service Level: R9

Certificate - Page 3 of 4  
Reprinted on June 10, 2026

Customer Number: 1-659111-000

CALIBRATED

BY TRANSOT

CERTIFICATE OF CALIBRATION

Customer: DRAEGER INC  
7256 S SAM HOUSTON PKWY W  
STE 100  
HOUSTON, TX 77085  
PO Number: SUW4303936946



Certificate/SO Number: 5-G2M7E-40-1 Revision 0

| Environmental Data |                   |                 |          |                 |
|--------------------|-------------------|-----------------|----------|-----------------|
| Temperature        | Relative Humidity | Temp / RH Asset | Lab Area | Lab Description |
| 68.87°F /20.48°C   | 48.40%            | DewK10          | B        | GP Pressure     |

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4401036  
DRAEGER MEDICAL SYSTEMS INC

Sales order: 1130434779  
Date: May 23, 2024

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer  
ANALYTICAL ACCURACY:  $\pm 0.002$  BrAC or  $\pm 2\%$  whichever is greater.  
CALGAZ LOT#: 302-403034216  
ETHANOL IN NITROGEN

Manufactured Date: April 30, 2024  
Product Expiration: April 30, 2027

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 260.5PPM | (0.100)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 264.1    | (0.101)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND38424  | 260.7             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.

Traceable certificate numbers 3445312 and 3398673.

### Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards.

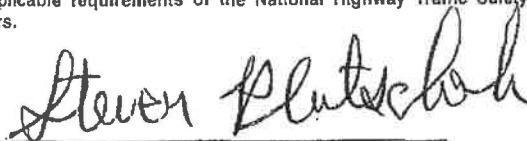
Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

APPROVED BY:



"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.65 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**  
821 Chesapeake Drive, Cambridge, MD 21613-0149  
Phone: (410) 228-6400 Fax: (410) 228-4251

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4507062  
DRAEGER MEDICAL SYSTEMS INC

Sales order: 1130434779  
Date: May 22, 2024

METHOD OF ANALYSIS: IR-Breath Alcohol Analyzer

ANALYTICAL ACCURACY:  $\pm 0.002$  BrAC or  $\pm 2\%$  whichever is greater.

CALGAZ LOT#: 302-402999655

Manufactured Date: March 20, 2024

ETHANOL IN NITROGEN

Product Expiration: March 20, 2027

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 104.2PPM | (0.040)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 107.9    | (0.041)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND28529  | 103.7             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.

Traceable certificate numbers 3445312 and 3398673.

#### Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards.

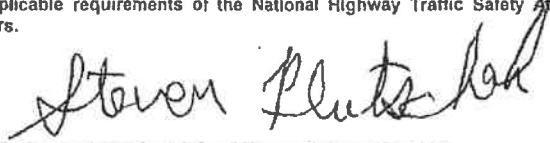
Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

APPROVED BY:



"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.65 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**

821 Chesapeake Drive, Cambridge, MD 21613-0149

Phone: (410) 228-6400

Fax: (410) 228-4251

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4411025

**DRAEGER MEDICAL SYSTEMS INC**

Sales order: 1128191688

Date: March 05, 2024

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer

ANALYTICAL ACCURACY:  $\pm 0.002$  BrAC or  $\pm 2\%$  whichever is greater.

CALGAZ LOT#: 302-402956578

ETHANOL IN NITROGEN

Product Expiration: January 29, 2027

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 208.4PPM | (0.080)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 212.7    | (0.082)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND38424  | 260.7             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.

Traceable certificate numbers 3445312 and 3398673.

#### Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards.

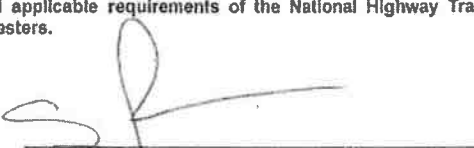
Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

Manufactured Date: January 29, 2024

APPROVED BY: 

"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 170.65 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**

821 Chesapeake Drive, Cambridge, MD 21613-0149

Phone: (410) 228-6400

Fax: (410) 228-4251

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4401040NJ

DRAEGER MEDICAL SYSTEMS INC

Sales order: 1126209454

Date: December 18, 2023

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer

ANALYTICAL ACCURACY:  $\pm 0.002$  BrAC or  $\pm 2\%$  whichever is greater.

CALGAZ LOT#: 302-402922402

ETHANOL IN NITROGEN

Product Expiration: December 14, 2026

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 416.8PPM | (0.160)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 421.3    | (0.162)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND38424  | 260.7             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.

Traceable certificate numbers 3445312 and 3398673.

### Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards.

Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

Manufactured Date: December 14, 2023

APPROVED BY:



"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.65 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**

821 Chesapeake Drive, Cambridge, MD 21613-0149

Phone: (410) 228-6400

Fax: (410) 228-4251

# CERTIFICATE OF ANALYSIS

## EBS - ETHANOL BREATH STANDARD

Part Number: 4401041NJ  
DRAEGER MEDICAL SYSTEMS INC

Sales order: 1130435101  
Date: May 28, 2024

METHOD OF ANALYSIS: IR Breath Alcohol Analyzer  
ANALYTICAL ACCURACY:  $\pm 0.002$  BrAC or  $\pm 2\%$  whichever is greater.  
CALGAZ LOT#: 302-403055153  
ETHANOL IN NITROGEN

Manufactured Date: May 24, 2024  
Product Expiration: May 24, 2027

| COMPONENT                | PPM      | ( BrAC ) |
|--------------------------|----------|----------|
| ETHANOL                  | 781.5PPM | (0.300)  |
| NITROGEN                 | BAL      |          |
| AVERAGE ANALYTICAL VALUE | PPM      | ( BrAC ) |
| ETHANOL                  | 786.7    | (0.302)  |

| REFERENCE STANDARD          | CYLINDER | CONCENTRATION PPM |
|-----------------------------|----------|-------------------|
| N.M.I. TRACEABLE STANDARDS* | ND23368  | 519.5             |

\* CERTIFICATION TRACEABLE TO NATIONAL METROLOGY INSTITUTE TRACEABLE STANDARDS

### TRACEABILITY

#### Preparation:

Gas mixtures manufactured with balances calibrated by an ISO 17025 accredited company using NIST traceable weights and meets or exceeds the requirements of NIST Handbook 44.

Traceable certificate numbers 3445312 and 3398673.

### Analytical:

Analytical Instruments Calibrated Using NMI Traceable Standards.

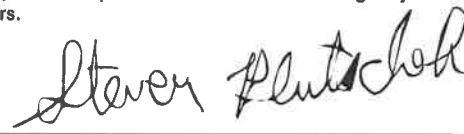
Certification Numbers: A679-20190918, D049803-20220329

No effecting environmental conditions during analysis.

\*NMI is recognized by NIST through the Mutual Recognition Agreement (CIPM MRA).

CALGAZ calibration devices were found to meet all applicable requirements of the National Highway Traffic Safety Administration Model Specifications for calibrating units for breath alcohol testers.

APPROVED BY:



"We certify that all the cylinders for the Lot numbers identified herein are manufactured and tested within the requirements of CFR 49 part 178.65 and that physical and chemical test reports are on file and copies will be furnished upon request."

**CALGAZ, a division of Airgas USA LLC**

821 Chesapeake Drive, Cambridge, MD 21613-0149

Phone: (410) 228-6400

Fax: (410) 228-4251

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

**James G. Fillimon**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 140 OF  
THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 9510**  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 3rd DAY OF October  
TWO THOUSAND AND Twenty Three

[Signature]  
COLONEL  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

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

**James G. Fillimon**  
Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 140 OF  
THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 9510**  
A METHOD TO DETERMINE INTOXICATION.  
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 18th DAY OF November  
TWO THOUSAND AND Twenty Five

[Signature]  
COLONEL  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

| DATE              | Refresher Course<br>PLACE | INSTRUCTOR         |
|-------------------|---------------------------|--------------------|
| 1. <u>4-10-25</u> | <u>MCFP</u>               | <u>[Signature]</u> |
| 2. _____          | _____                     | _____              |
| 3. _____          | _____                     | _____              |
| 4. _____          | _____                     | _____              |
| 5. _____          | _____                     | _____              |
| 6. _____          | _____                     | _____              |
| 7. _____          | _____                     | _____              |
| 8. _____          | _____                     | _____              |
| 9. _____          | _____                     | _____              |

S.P. 2938 (Rev. 10/22)

ORIGINAL COURSE DATES

| DATE     | Refresher Course<br>PLACE | INSTRUCTOR |
|----------|---------------------------|------------|
| 1. _____ | _____                     | _____      |
| 2. _____ | _____                     | _____      |
| 3. _____ | _____                     | _____      |
| 4. _____ | _____                     | _____      |
| 5. _____ | _____                     | _____      |
| 6. _____ | _____                     | _____      |
| 7. _____ | _____                     | _____      |
| 8. _____ | _____                     | _____      |
| 9. _____ | _____                     | _____      |

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