

# Alcotest 7110 Calibration Record

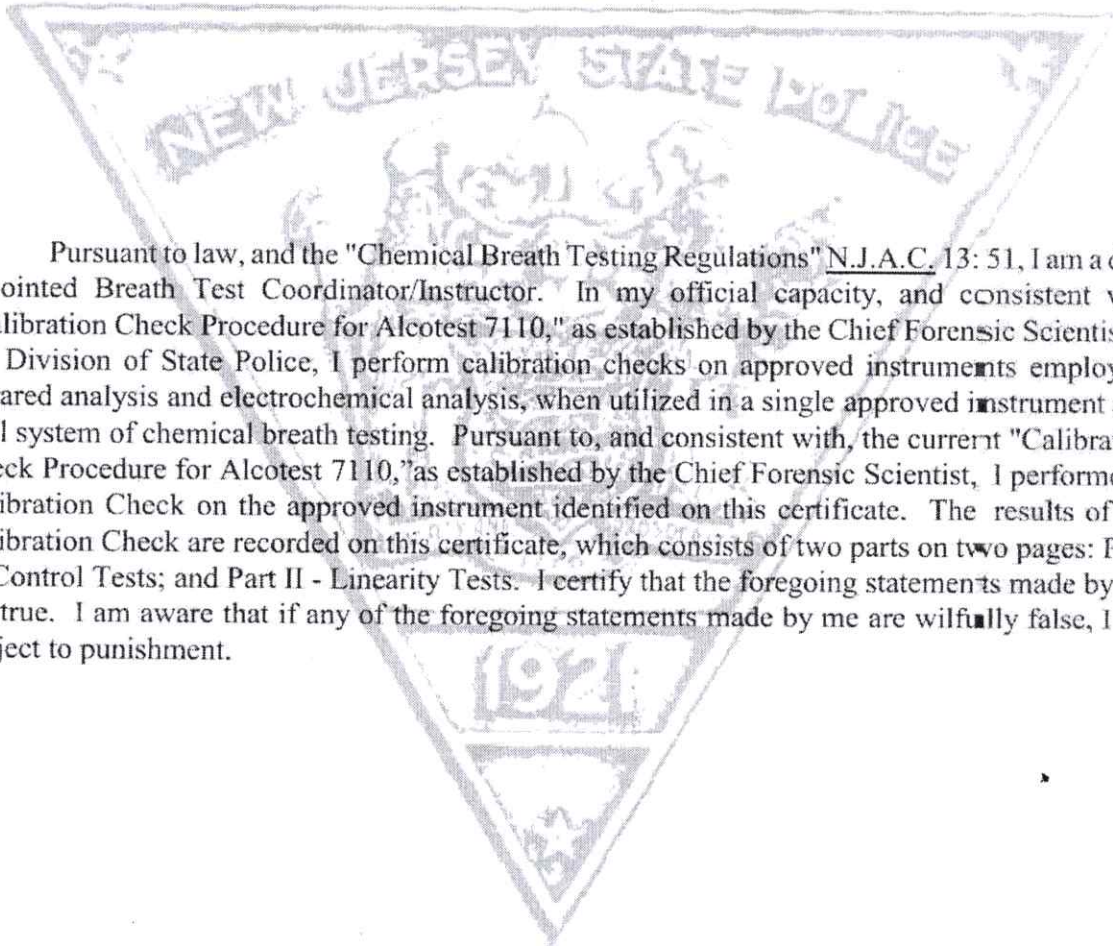
## Equipment

Alcotest 7110 MKIII-C	Serial No.:	ARWM-0092
Location: VERONA POLICE DEPT.		
Calibration File No.: 00830	Calib. Date: 02/06/2024	Calib. No.: 00049
Certification File No.: 00811	Cert. Date: 09/29/2023	Cert. No.: 00038
Linearity File No.: 00812	Lin. Date: 09/29/2023	Lin. No.: 00038
Solution File No.: 00827	Soln. Date: 01/26/2024	Soln. No.: 00243
Sequential File No.: 00830	File Date: 02/06/2024	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXA S3-0065
Control Solution %: 0.100%		Expires: 07/05/2024
Solution Control Lot: 22240		Bottle No.: 1350

## Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.  
Signature: *Francisco Hurtado #7635* Badge No.: 7635  
Date: 02/06/2024

\*Black Key Temperature Probe Serial.....# DDL B P3-0101 F.H.  
\*Digital NIST Temperature Measuring System Serial.....# 221 473 055 F.H.



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13: 51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part I - Control Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWM-0092  
Location: VERONA POLICE DEPT.  
Calibration File No.: 00830 Calib. Date: 02/06/2024 Calib. No.: 00049  
Certification File No.: 00831 Cert. Date: 02/06/2024 Cert. No.: 00039  
Linearity File No.: 00812 Lin. Date: 09/29/2023 Lin. No.: 00038  
Solution File No.: 00827 Soln. Date: 01/26/2024 Soln. No.: 00243  
Sequential File No.: 00831 File Date: 02/06/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0065  
Control Solution %: 0.100% Expires: 07/05/2024  
Solution Control Lot: 22240 Bottle No.: 1350

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:40S		
Control 1 EC	0.099%	09:40S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:40S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:41S		
Control 2 EC	0.098%	09:42S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:42S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:42S		
Control 3 EC	0.098%	09:43S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:43S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:44S		

All tests within acceptable tolerance.

### Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: T.P. H Hurtado #7635

Badge No.: 7635

Date: 02/06/2024

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.: ARWM-0092
Location:	VERONA POLICE DEPT.	
Calibration File No.:	00830	Calib. Date: 02/06/2024
Certification File No.:	00831	Calib. No.: 00049
Linearity File No.:	00832	Cert. Date: 02/06/2024
Solution File No.:	00827	Cert. No.: 00039
Sequential File No.:	00832	Lin. Date: 02/06/2024
		Lin. No.: 00039
		Soln. Date: 01/26/2024
		Soln. No.: 00243
		File Date: 02/06/2024
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.040%	Serial No.: DDSC S3-0014
Solution Control Lot:	22250	Expires: 07/19/2024
		Bottle No.: 0326
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.080%	Serial No.: DDWE S3-0200
Solution Control Lot:	22270	Expires: 07/28/2024
		Bottle No.: 1373
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.160%	Serial No.: DDSC S3-0004
Solution Control Lot:	22290	Expires: 08/04/2024
		Bottle No.: 0719

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:54S		
Control 1 EC	0.040%	09:54S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.038%	09:54S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56S		
Control 2 EC	0.038%	09:57S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.036%	09:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S		
Control 3 EC	0.080%	09:59S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.076%	09:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:00S		
Control 4 EC	0.079%	10:01S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.076%	10:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:03S		
Control 5 EC	0.158%	10:03S	33.9°C	*** TEST PASSED ***
Control 5 IR	0.153%	10:03S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:05S		
Control 6 EC	0.156%	10:06S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	10:06S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:07S		

All tests within acceptable tolerance.

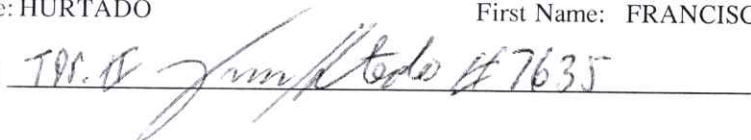
**Coordinator**

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

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



Badge No.: 7635

Date: 02/06/2024

# Calibrating Unit

## New Standard Solution Report

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWM-0092  
Location: VERONA POLICE DEPT.  
Calibration File No.: 00830 Calib. Date: 02/06/2024 Calib. No.: 00049  
Certification File No.: 00831 Cert. Date: 02/06/2024 Cert. No.: 00039  
Linearity File No.: 00832 Lin. Date: 02/06/2024 Lin. No.: 00039  
Solution File No.: 00833 Soln. Date: 02/06/2024 Soln. No.: 00244  
Sequential File No.: 00833 File Date: 02/06/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0065  
Control Solution %: 0.100% Expires: 05/09/2024  
Solution Control Lot: 22160 Bottle No.: 0228

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:13S		
Control 1 EC	0.101%	11:13S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	11:13S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:14S		
Control 2 EC	0.100%	11:15S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:16S		
Control 3 EC	0.099%	11:16S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	11:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:17S		

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: DDWJ P2-208 F.H.

### Changed By:

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: FR. H. Hurtado #7635

Badge No.: 7635

Date: 02/06/2024



Dräger

Alcotest 7110


**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for external breath testing devices. The Alcotest 7110-C is compliant as a "motor" and "nonmotor" EBT with 49 FR 42354, 49 FR 48884, 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:

04/15/2020

AR1107-0092

Dräger, Inc. 

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

**Coordinator:**

TPC. J. FRANCISCO A. HURTADO  
Name

7635  
Badge No.

**Location:**

VERONA POLICE DEPT.  
Agency

ARWM-0092  
Alcotest Serial No.

**Equipment:**

221 473 055  
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Tem p. Reading on NIST Traceable Thermometer
0.04%	DDSC 53-0014	08:30 S	09:31 S	33.9° C
0.08%	DDWE 53-0200	08:30 S	09:32 S	33.9° C
0.10%	DDXA 53-0065	08:30 S	09:33 S	33.9° C
0.16%	DDSC 53-0004	08:30 S	09:34 S	33.9° 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.

TPC. J. Francisco A. Hurtado #7635  
Coordinator's Signature

02-06-2024  
Date



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



Cert. No.: 4000-13326316

**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: 221473055

Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Probe	128	09 Jul 2022	15-D4F0Q-40-1
Thermistor Module	A17118	08 Jul 2022	1000469276
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Thermistor Module	B96381	18 Aug 2022	1000470702
Temperature Probe	5392	04 Aug 2022	4500066030
Temperature Probe	5398	24 Aug 2022	4500066031
Thermistor Module	B96382	08 Oct 2022	1000472708
Temperature Probe	5410	20 Oct 2022	4500066780

**Certificate Information:**

Technician: 299

Procedure: CAL-06

Cal Date: 25 Apr 2022

Cal Due Date: 25 Apr 2024

Test Conditions: 58.46%RH 23.43°C 1017mBar

**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.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.000	Y	24.95	25.05	0.0037	>4:1
°C	N.A.	N.A.		50.000	50.003	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.000	99.999	Y	99.95	100.05	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standard's 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=±Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=(Max-Min)/2; Min=As Left Nominal/Rounded; Max=As Left Nominal/Rounded + Tolerance.

*Nicol Rodriguez*  
Nicol Rodriguez, Quality Manager

*Marisa Elms*  
Marisa Elms, 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 changes little, if any at all, but can be affected by aging, temperature, shock, and contamination.

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceab3.com

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750-01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2208-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-13326316

**Traceable® Certificate of Calibration for Digital Thermometer**

**Recalibration:**

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

Issue Date : 25 Apr 2002

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 17001  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01-25-2006-AO-100-A1-USA  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA)



**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:

DDSCS3-0014

Certification Date:

5-24-23

Technician:

DH / MB

Re-Certification Due Date:

5-24-24

**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:

DDWES3-0200

Certification Date:

5-30-23

Technician:

DH / MB

Re-Certification Due Date:

5-30-24

**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:

DDSC S3-0004

Certification Date:  
5-25-23

Technician:  
DH / MB

Re-Certification Due Date:  
5-25-24

**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: DDLBP3-0101      Certification Date: 5-19-23      Next Certification Due: 5-19-24

Probe Value:

10.3

Draeger, Inc.

DH / MB

**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:

DDXA53-0065

Certification Date:

11-20-23

Technician:

DH / CR

Re-Certification Due Date:

11-20-24

**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:

DDWJP2-208

Certification Date:

11-20-23

Next Certification Due:

11-20-24

Probe Value:

105

Draeger, Inc.

DH / CR



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

MATTHEW J. PLATKIN
Acting 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: 07/21/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22240

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1205 to 0.1219 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 05, 2024.

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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27 day of July, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110622
My Commission Expires 8/13/2024



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# State of New Jersey

OFFICE OF THE ATTORNEY GENERAL  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE  
POST OFFICE BOX 7068  
WEST TRENTON, NJ 08628-0068  
(609) 882-2000

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

MATTHEW J. PLATKIN  
*Acting Attorney General*

COLONEL PATRICK J. CALLAHAN  
*Superintendent*

## **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:** Draeger, Inc.


**ANALYSIS DATE:** 08/17/2022

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER:** 22250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0479 to 0.0483 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 19, 2024.

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  
OFS Director  
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary 



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State of New Jersey

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MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 08/18/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0983 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 28, 2024.

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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary [Signature]

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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





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

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 08/22/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1924 to 0.1948 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 4, 2024.

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.

Handwritten signature of Michael Kennedy

Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 9 day of September, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting 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: Dräger, Inc.

ANALYSIS DATE: 05/23/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22160

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1207 to 0.1223 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 May 9, 2024.

As Acting 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
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 26 day of May, 2022.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110822
My Commission Expires 8/13/2024



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

**Francisco A. Hurtado**

**Breath Test Coordinator/Instructor**

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH-ANALYZED PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1984 BY THE COMMISSIONER OF THE Alcohol 7110 MKIII-C

A MEDICAL TO DETERMINE INTOXICATION.

ON BEHALF OF THE DEPARTMENT OF WATER AND PUBLIC SAFETY THIS 29th DAY OF July

TWO THOUSAND AND Twenty One

[Signature]  
COLONEL  
NEW JERSEY STATE POLICE

[Signature]  
ACTING 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. 2508 (Rev. 6/22)

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

**Francisco A. Hurtado**  
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH-ANALYZED PURSUANT TO CHAPTER 142 OF

THE LAWS OF 1984 BY THE COMMISSIONER OF THE Alcohol 7110 MKIII-C

A MEDICAL TO DETERMINE INTOXICATION.

ON BEHALF OF THE DEPARTMENT OF WATER AND PUBLIC SAFETY THIS 16th DAY OF September

TWO THOUSAND AND Sixteen

[Signature]  
SUPERVISOR  
NEW JERSEY STATE POLICE

[Signature]  
ATTORNEY GENERAL  
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-6-18	Smyrna PD	[Signature]
2. 8/13/20	Milford CO PD	[Signature]
3. 8/29/22	MCPP	[Signature]
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 2533 (Rev. 05/10)

**CERTIFICATE OF ACCURACY**

**Alcotest 7110 Temperature Probe**

**Dräger**

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: DWJPa-208  
Certification Date: 11-20-23  
Next Certification Due: 11-20-24

Probe Value: 105

Dräger, Inc. DH / CR

Certification Date: 11-20-23  
Technician: DH / CR  
Re-Certification Due Date: 11-20-24

- Model: ALCOTEST CU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other:

Serial Number: DDXAS3-0065

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.

**CERTIFICATE OF ACCURACY**

**Simulator**

**Dräger**

# Alcotest 7110 Calibration Record

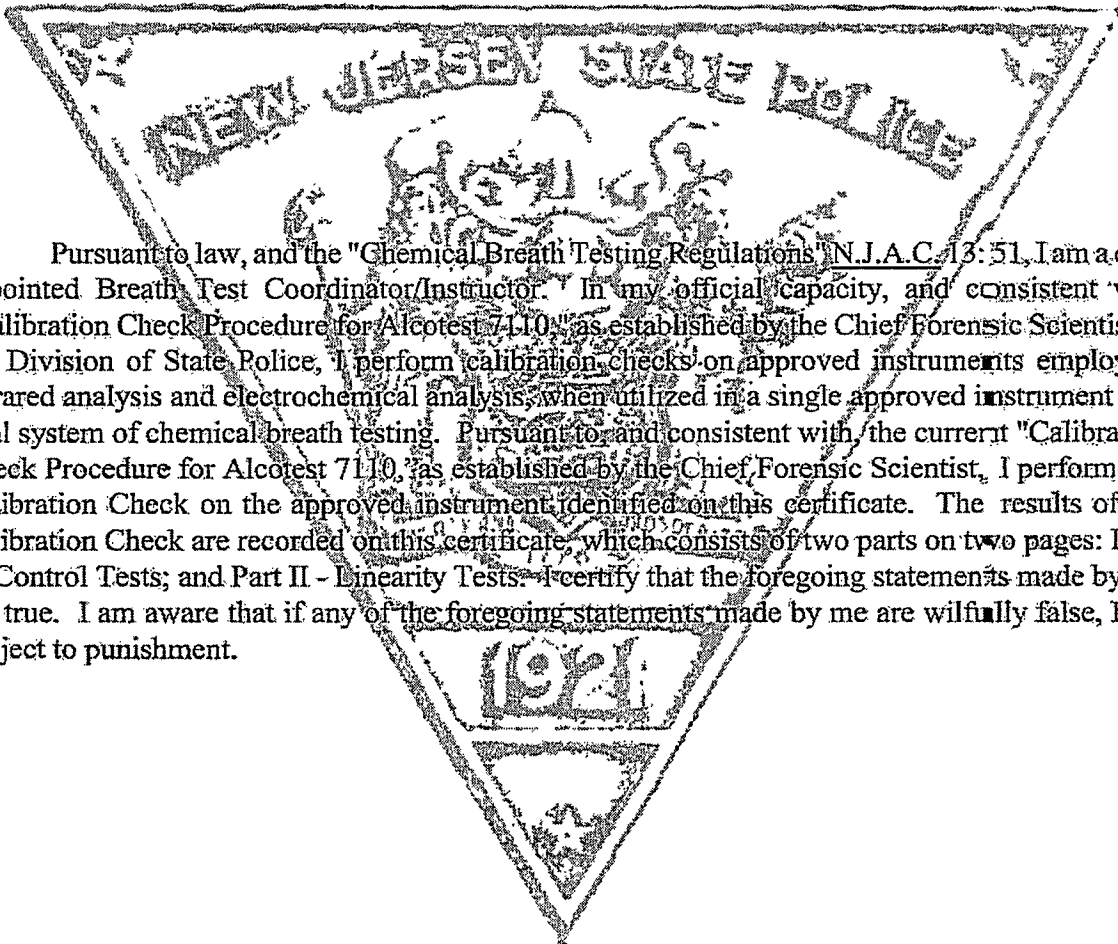
<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARWM-0092		
Location:	VERONA POLICE DEPT.				
Calibration File No.:	00854	Calib. Date:	07/10/2024	Calib. No.:	00050
Certification File No.:	00831	Cert. Date:	02/06/2024	Cert. No.:	00039
Linearity File No.:	00832	Lin. Date:	02/06/2024	Lin. No.:	00039
Solution File No.:	00853	Soln. Date:	06/11/2024	Soln. No.:	00248
Sequential File No.:	00854	File Date:	07/10/2024		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDXA S3-0065
Control Solution %:	0.100%			Expires:	06/26/2025
Solution Control Lot:	23230			Bottle No.:	0102

## Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.  
Signature: *Francisco Hurtado #7635* Badge No.: 7635  
Date: 07/10/2024

\*Black Key Temperature Probe Serial.....# DDL B P3-0178 F.H.

\*Digital NIST Temperature Measuring System Serial.....# 230 208 344 F.H.



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: VERONA POLICE DEPT. Serial No.: ARWM-0092  
Calibration File No.: 00854 Calib. Date: 07/10/2024 Calib. No.: 00050  
Certification File No.: 00855 Cert. Date: 07/10/2024 Cert. No.: 00040  
Linearity File No.: 00832 Lin. Date: 02/06/2024 Lin. No.: 00039  
Solution File No.: 00853 Soln. Date: 06/11/2024 Soln. No.: 00248  
Sequential File No.: 00855 File Date: 07/10/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0065  
Control Solution %: 0.100% Expires: 06/26/2025  
Solution Control Lot: 23230 Bottle No.: 0102

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:36D		
Control 1 EC	0.099%	11:37D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:38D		
Control 2 EC	0.099%	11:38D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:38D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:39D		
Control 3 EC	0.099%	11:40D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:40D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:40D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HURTADO First Name: FRANCISCO MI: A.

Signature: TPI-I Francisco Hurtado #7635 Badge No.: 7635  
Date: 07/10/2024

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

**Equipment** Alcotest 7110 MKIII-C Serial No.: ARWM-0092  
Location: VERONA POLICE DEPT.  
Calibration File No.: 00854 Calib. Date: 07/10/2024 Calib. No.: 00050  
Certification File No.: 00855 Cert. Date: 07/10/2024 Cert. No.: 00040  
Linearity File No.: 00856 Lin. Date: 07/10/2024 Lin. No.: 00040  
Solution File No.: 00853 Soln. Date: 06/11/2024 Soln. No.: 00248  
Sequential File No.: 00856 File Date: 07/10/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0222  
Control Solution %: 0.040% Expires: 06/12/2025  
Solution Control Lot: 23210 Bottle No.: 0301

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0225  
Control Solution %: 0.080% Expires: 08/03/2025  
Solution Control Lot: 23290 Bottle No.: 0968

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRF S3-0009  
Control Solution %: 0.160% Expires: 07/05/2025  
Solution Control Lot: 23250 Bottle No.: 1006

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:50D		
Control 1 EC	0.040%	11:51D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.039%	11:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:52D		
Control 2 EC	0.040%	11:53D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.038%	11:53D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:54D		
Control 3 EC	0.080%	11:55D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.077%	11:55D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:56D		
Control 4 EC	0.079%	11:57D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.077%	11:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:59D		
Control 5 EC	0.159%	11:59D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.154%	11:59D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:01D		
Control 6 EC	0.155%	12:01D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.155%	12:01D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:03D		

All tests within acceptable tolerance.

### Coordinator

Last Name: HURTADO

First Name: FRANCISCO

MI: A.

Signature: Francisco Hurtado #7635

Badge No.: 7635

Date: 07/10/2024



**Dräger**

**Alcotest 7110**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 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 7110-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48884 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:

04/15/2020

ARWIM-0092

Dräger, Inc. 

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

**Coordinator:**

TPT. I FRANCISCO A. HURTADO  
Name

7635  
Badge No.

**Location:**

VERONA POLICE DEPT.  
Agency

ARWM-0092  
Alcotest Serial No.

**Equipment:**

230 208 344  
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%	DDWF 53-0222	10:19 D	11:20 D	33.9° C
0.08%	DDWF 53-0225	10:19 D	11:21 D	33.9° C
0.10%	DDXA 53-0065	10:19 D	11:22 D	33.9° C
0.16%	DDRF 53-0009	10:19 D	11:23 D	33.9° 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.

TPT. I Francisco A. Hurtado #7635  
Coordinator's Signature

07-10-2024  
Date





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



Cert. No.: 4000-14045028

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: 230208344 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
PRT Temperature Probe	02022	13 Dec 2023	4500022592
Temperature Probe	5357	01 Jul 2023	4500015492
Thermistor Module	B5C344	20 Jun 2023	1000481112
Temperature Calibration Bath	B93537		
Thermistor Module	B96381	23 Aug 2023	1000483176
Temperature Probe	5392	06 Sep 2023	4500018330
Temperature Probe	5398	06 Sep 2023	4500018329
Digital Thermometer	B96088	10 Mar 2024	1000489962

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 27 Mar 2023 Cal Due Date: 27 Mar 2025  
 Test Conditions: 57.99%RH 23.66°C 1013mBar

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	0.002	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.002	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		49.999	50.004	Y	49.949	50.049	0.0087	>4:1
°C	N.A.	N.A.		99.998	99.996	Y	99.948	100.048	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

*Jenny Ren*  
 Jenny Ren, 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.

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (AZLA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
 Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
 International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-14045028

**Traceable® Certificate of Calibration for Digital Thermometer**

**Recalibration:**

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

Issue Date : 27 Mar 2023

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

**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:

DDWF S3-0222

Certification Date:

12-4-23

Technician:

DH / CR

Re-Certification Due Date:

12-4-24

**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:

DDWF S3-0225

Certification Date:

12-5-23

Technician:

DH / CR

Re-Certification Due Date:

12-5-24

**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:

DDRF S3:0009

Certification Date:

12-4-23

Technician:

DH / CR

Re-Certification Due Date:

12-4-24

**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:

DDLBP3-0178

Certification Date:

12-5-23

Next Certification Due:

12-5-24

Probe Value:

102

Dräger, Inc.

DH / CR

**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:

DDXAS3-0065

Certification Date:

11-20-23

Technician:

DH / CR

Re-Certification Due Date:

11-20-24

**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:

DDWJP2-208

Certification Date:

11-20-23

Next Certification Due:

11-20-24

Probe Value:

105

Dräger, Inc.

DH / CR



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

TANESHA 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: 09/12/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1203 to 0.1220 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 26, 2025.

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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 15 day of September, 2023.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110622
My Commission Expires 8/13/2024



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Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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: Draeger, Inc.

ANALYSIS DATE: 08/10/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23210

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 0.0490 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 12, 2025.

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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 11 day of August, 2023.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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Governor

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Lt. Governor

MATTHEW J. PLATKIN
Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 09/14/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0958 to 0.0971 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 03, 2025.

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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of September 2023.

Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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Governor

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Attorney General

TAHESHA L. WAY
Lt. Governor

COLONEL PATRICK J. CALLAHAN
Superintendent

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, Inc.

ANALYSIS DATE: 09/14/2023

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 23250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1923 to 0.1953 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 05, 2025.

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
Michael Kennedy
OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 21 day of September 2023.

Notary signature

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 50110522
My Commission Expires 8/13/2024



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Governor

MATTHEW J. PLATKIN
Attorney General

TAHESHA L. WAY
Lt. Governor

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: 05/23/2024

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 24180

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 to 0.1218 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 May 14, 2026.

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 10 day of June, 2024.

Notary signature

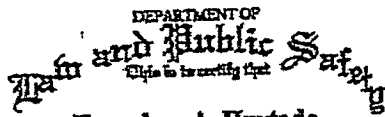
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Francisco A. Hurtado

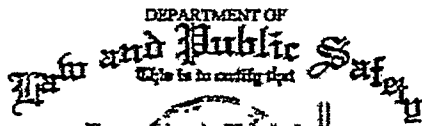
Breath Test Coordinator/Instructor

QUALIFIED AND COMING TO CERTIFY UNDER CHAPTER 170 OF TITLE 17 OF THE LAWS OF 1987 AS AMENDED BY CHAPTER 110 OF TITLE 17 OF 1988 AND BY CHAPTER 110 OF TITLE 17 OF 1989 AND BY CHAPTER 110 OF TITLE 17 OF 1990 AND BY CHAPTER 110 OF TITLE 17 OF 1991 AND BY CHAPTER 110 OF TITLE 17 OF 1992 AND BY CHAPTER 110 OF TITLE 17 OF 1993 AND BY CHAPTER 110 OF TITLE 17 OF 1994 AND BY CHAPTER 110 OF TITLE 17 OF 1995 AND BY CHAPTER 110 OF TITLE 17 OF 1996 AND BY CHAPTER 110 OF TITLE 17 OF 1997 AND BY CHAPTER 110 OF TITLE 17 OF 1998 AND BY CHAPTER 110 OF TITLE 17 OF 1999 AND BY CHAPTER 110 OF TITLE 17 OF 2000 AND BY CHAPTER 110 OF TITLE 17 OF 2001 AND BY CHAPTER 110 OF TITLE 17 OF 2002 AND BY CHAPTER 110 OF TITLE 17 OF 2003 AND BY CHAPTER 110 OF TITLE 17 OF 2004 AND BY CHAPTER 110 OF TITLE 17 OF 2005 AND BY CHAPTER 110 OF TITLE 17 OF 2006 AND BY CHAPTER 110 OF TITLE 17 OF 2007 AND BY CHAPTER 110 OF TITLE 17 OF 2008 AND BY CHAPTER 110 OF TITLE 17 OF 2009 AND BY CHAPTER 110 OF TITLE 17 OF 2010 AND BY CHAPTER 110 OF TITLE 17 OF 2011 AND BY CHAPTER 110 OF TITLE 17 OF 2012 AND BY CHAPTER 110 OF TITLE 17 OF 2013 AND BY CHAPTER 110 OF TITLE 17 OF 2014 AND BY CHAPTER 110 OF TITLE 17 OF 2015 AND BY CHAPTER 110 OF TITLE 17 OF 2016 AND BY CHAPTER 110 OF TITLE 17 OF 2017 AND BY CHAPTER 110 OF TITLE 17 OF 2018 AND BY CHAPTER 110 OF TITLE 17 OF 2019 AND BY CHAPTER 110 OF TITLE 17 OF 2020 AND BY CHAPTER 110 OF TITLE 17 OF 2021 AND BY CHAPTER 110 OF TITLE 17 OF 2022 AND BY CHAPTER 110 OF TITLE 17 OF 2023 AND BY CHAPTER 110 OF TITLE 17 OF 2024 AND BY CHAPTER 110 OF TITLE 17 OF 2025

TESTING ON AND SIXTEEN DAY OF July  
NINETEEN AND SIXTY TWO  
*[Signature]* *[Signature]*  
SUPERVISOR NEW JERSEY STATE POLICE ACTING ATTORNEY GENERAL STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		



Francisco A. Hurtado  
New Jersey State Police

QUALIFIED AND COMING TO CERTIFY UNDER CHAPTER 170 OF TITLE 17 OF THE LAWS OF 1987 AS AMENDED BY CHAPTER 110 OF TITLE 17 OF 1988 AND BY CHAPTER 110 OF TITLE 17 OF 1989 AND BY CHAPTER 110 OF TITLE 17 OF 1990 AND BY CHAPTER 110 OF TITLE 17 OF 1991 AND BY CHAPTER 110 OF TITLE 17 OF 1992 AND BY CHAPTER 110 OF TITLE 17 OF 1993 AND BY CHAPTER 110 OF TITLE 17 OF 1994 AND BY CHAPTER 110 OF TITLE 17 OF 1995 AND BY CHAPTER 110 OF TITLE 17 OF 1996 AND BY CHAPTER 110 OF TITLE 17 OF 1997 AND BY CHAPTER 110 OF TITLE 17 OF 1998 AND BY CHAPTER 110 OF TITLE 17 OF 1999 AND BY CHAPTER 110 OF TITLE 17 OF 2000 AND BY CHAPTER 110 OF TITLE 17 OF 2001 AND BY CHAPTER 110 OF TITLE 17 OF 2002 AND BY CHAPTER 110 OF TITLE 17 OF 2003 AND BY CHAPTER 110 OF TITLE 17 OF 2004 AND BY CHAPTER 110 OF TITLE 17 OF 2005 AND BY CHAPTER 110 OF TITLE 17 OF 2006 AND BY CHAPTER 110 OF TITLE 17 OF 2007 AND BY CHAPTER 110 OF TITLE 17 OF 2008 AND BY CHAPTER 110 OF TITLE 17 OF 2009 AND BY CHAPTER 110 OF TITLE 17 OF 2010 AND BY CHAPTER 110 OF TITLE 17 OF 2011 AND BY CHAPTER 110 OF TITLE 17 OF 2012 AND BY CHAPTER 110 OF TITLE 17 OF 2013 AND BY CHAPTER 110 OF TITLE 17 OF 2014 AND BY CHAPTER 110 OF TITLE 17 OF 2015 AND BY CHAPTER 110 OF TITLE 17 OF 2016 AND BY CHAPTER 110 OF TITLE 17 OF 2017 AND BY CHAPTER 110 OF TITLE 17 OF 2018 AND BY CHAPTER 110 OF TITLE 17 OF 2019 AND BY CHAPTER 110 OF TITLE 17 OF 2020 AND BY CHAPTER 110 OF TITLE 17 OF 2021 AND BY CHAPTER 110 OF TITLE 17 OF 2022 AND BY CHAPTER 110 OF TITLE 17 OF 2023 AND BY CHAPTER 110 OF TITLE 17 OF 2024 AND BY CHAPTER 110 OF TITLE 17 OF 2025

TESTING ON AND SIXTEEN DAY OF September  
*[Signature]* *[Signature]*  
SUPERVISOR NEW JERSEY STATE POLICE ATTORNEY GENERAL STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-6-18	Springer, PA	<i>[Signature]</i>
2. 8/13/20	Albion, CO PA	<i>[Signature]</i>
3. 8/6/22	MCPA	<i>[Signature]</i>
4.		
5.		
6.		
7.		
8.		
9.		
10.		

# Alcotest 7110 Calibration Record

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.:	ARWM-0092
Location:	VERONA POLICE DEPT.		
Calibration File No.:	00873	Calib. Date:	11/15/2024
Certification File No.:	00855	Calib. No.:	00051
Linearity File No.:	00856	Cert. Date:	07/10/2024
Solution File No.:	00866	Cert. No.:	00040
Sequential File No.:	00873	Lin. Date:	07/10/2024
		Soln. Date:	10/14/2024
		Soln. No.:	00252
		File Date:	11/15/2024
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDXA S3-0068
Solution Control Lot:	23230	Expires:	06/26/2025
		Bottle No.:	0615

## Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

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

*Sgt. N. J. #7413*

Badge No.: 7413

Date: 11/15/2024

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

DDL B P3-0137 (NM)

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

230208348 (NM)

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: VERONA POLICE DEPT. Serial No.: ARWM-0092  
Calibration File No.: 00873 Calib. Date: 11/15/2024 Calib. No.: 00051  
Certification File No.: 00874 Cert. Date: 11/15/2024 Cert. No.: 00041  
Linearity File No.: 00856 Lin. Date: 07/10/2024 Lin. No.: 00040  
Solution File No.: 00866 Soln. Date: 10/14/2024 Soln. No.: 00252  
Sequential File No.: 00874 File Date: 11/15/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXA S3-0068  
Control Solution %: 0.100% Expires: 06/26/2025  
Solution Control Lot: 23230 Bottle No.: 0615

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:01S		
Control 1 EC	0.099%	11:01S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:01S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:02S		
Control 2 EC	0.098%	11:03S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:03S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:03S		
Control 3 EC	0.099%	11:04S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:04S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:05S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

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

Sgt. *N. A. Mimikos* #7413

Badge No.: 7413

Date: 11/15/2024

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

# Alcotest 7110 Calibration Certificate

## Part II - Linearity Tests

### Equipment

Alcotest 7110 MKIII-C  
Location: VERONA POLICE DEPT. Serial No.: ARWM-0092  
Calibration File No.: 00873 Calib. Date: 11/15/2024 Calib. No.: 00051  
Certification File No.: 00874 Cert. Date: 11/15/2024 Cert. No.: 00041  
Linearity File No.: 00875 Lin. Date: 11/15/2024 Lin. No.: 00041  
Solution File No.: 00866 Soln. Date: 10/14/2024 Soln. No.: 00252  
Sequential File No.: 00875 File Date: 11/15/2024

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWE S3-0196  
Control Solution %: 0.040% Expires: 06/12/2025  
Solution Control Lot: 23210 Bottle No.: 0179

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDSC S3-0015  
Control Solution %: 0.080% Expires: 08/03/2025  
Solution Control Lot: 23290 Bottle No.: 0456

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWF S3-0260  
Control Solution %: 0.160% Expires: 07/05/2025  
Solution Control Lot: 23250 Bottle No.: 0782

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:16S		
Control 1 EC	0.040%	11:17S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.038%	11:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:18S		
Control 2 EC	0.040%	11:19S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.039%	11:19S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:20S		
Control 3 EC	0.081%	11:21S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.078%	11:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:23S		
Control 4 EC	0.080%	11:23S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.078%	11:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:25S		
Control 5 EC	0.160%	11:25S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.156%	11:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:27S		
Control 6 EC	0.158%	11:28S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.155%	11:28S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:29S		

All tests within acceptable tolerance.

### Coordinator

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

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

Sgt. *N.A.* # 7413

Badge No.: 7413

Date: 11/15/2024

# Calibrating Unit

## New Standard Solution Report

<b>Equipment</b>	Alcotest 7110 MKIII-C	Serial No.: ARWM-0092
Location:	VERONA POLICE DEPT.	
Calibration File No.:	00873	Calib. Date: 11/15/2024
Certification File No.:	00874	Calib. No.: 00051
Linearity File No.:	00875	Cert. Date: 11/15/2024
Solution File No.:	00876	Cert. No.: 00041
Sequential File No.:	00876	Lin. Date: 11/15/2024
		Lin. No.: 00041
		Soln. Date: 11/15/2024
		Soln. No.: 00253
		File Date: 11/15/2024
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXA S3-0068
Solution Control Lot:	24180	Expires: 05/14/2026
		Bottle No.: 1065

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:36S		
Control 1 EC	0.100%	12:36S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	12:36S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:37S		
Control 2 EC	0.099%	12:38S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:38S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:39S		
Control 3 EC	0.098%	12:39S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:39S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:40S		

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.

Temperature Probe Serial Number: DDWJ P2-210 (NM)

**Changed By:**

Last Name: MIMIKOS

First Name: NICHOLAS

MI: E.

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

*Sgt. N.A. #7413*

Badge No.: 7413

Date: 11/15/2024

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

**Coordinator:**

Sgt. Nicholas E. Mimikos  
Name

7413  
Badge No.

**Location:**

Verona Police Dept.  
Agency

ARwm-0092  
Alcotest Serial No.

**Equipment:**

230208348  
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%	DDWE S3-0196	09:50S	10:52S	33.9°C
0.08%	DDSC S3-0015	09:50S	10:53S	33.9°C
0.10%	DDXA S3-0068	09:50S	10:55S	33.9°C
0.16%	DDWF S3-0260	09:50S	10:56S	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.

Sgt. N. Mimikos 7413  
Coordinator's Signature

11/15/2024  
Date





**Dräger**

**Alcotest 7110**

**CERTIFICATE OF ACCURACY**

This is to certify that the Alcotest 7110 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's specifications.

Certification Date:

Serial Number:

04/15/2020

ARWM-0092

Draeger, Inc. 

**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:

DDWE 53-0196

Certification Date:

12-4-23

Technician:

DH / CR

Re-Certification Due Date:

12-4-24

**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:

DDSC53-0015

Certification Date:

12-28-23

Technician:

DH / CR

Re-Certification Due Date:

12-28-24

# 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:

DDWF53-0260

Certification Date:

12-27-23

Technician:

DH / GR

Re-Certification Due Date:

12-27-24

# 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:

DDLBP3-0137

Certification Date:

12-5-23

Next Certification Due:

12-5-24

Probe Value:

103

Draeger, Inc.

DH / GR

**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:

DDXAS3-0068

Certification Date:

8-30-24

Technician:

DH / GR

Re-Certification Due Date:

8-30-25

**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:

DDWJP2-210

Certification Date:

8-30-24

Next Certification Due:

8-30-25

Probe Value:

102

Dräger, Inc. DH / GR



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



Cert. No.: 4000-14045032

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: 230208348

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
PRT Temperature Probe	02022	13 Dec 2023	4500022592
Temperature Probe	5357	01 Jul 2023	4500015492
Thermistor Module	B5C344	20 Jun 2023	1000481112
Temperature Calibration Bath	B93537		
Thermistor Module	B96381	23 Aug 2023	1000483176
Temperature Proba	5392	06 Sep 2023	4500018330
Temperature Probe	5398	06 Sep 2023	4500018329
Digital Thermometer	B96088	10 Mar 2024	1000489962

Certificate Information:

Technician: 420

Procedure: CAL-06

Cal Date: 27 Mar 2023

Cal Due Date: 27 Mar 2025

Test Conditions: 57.99%RH 23.66°C 1013mBar

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	0.002	Y	-0.052	0.048	0.0087	>4:1
°C	N.A.	N.A.		25.002	25.000	Y	24.952	25.052	0.0087	>4:1
°C	N.A.	N.A.		49.999	50.002	Y	49.949	50.049	0.0087	>4:1
°C	N.A.	N.A.		99.998	100.005	Y	99.948	100.048	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

*Jenny Ren*

Jenny Ren, 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.

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

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



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



Cert. No.: 4000-14045032

**Traceable® Certificate of Calibration for Digital Thermometer**

**Recalibration:**

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

Issue Date : 27 Mar 2023

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

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Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).