Alcotest 7110 Calibration Record

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0066
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	02875	Calib. Date:	02/09/2022	Calib. No.:	00042
Certification File No.:	02852	Cert. Date:	09/20/2021	Cert. No.:	00037
Linearity File No.:	02853	Lin. Date:	09/20/2021	Lin. No.:	00037
Solution File No.:	02872	Soln. Date:	01/15/2022	Soln. No.:	00314
Sequential File No.:	02875	File Date:	02/09/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	05/06/2022
Solution Control Lot:	20220			Bottle No.:	1445

Coordinator

Last Name: GAMBONE First Name: BRIAN MI: M

Signature: Sgt. B~~~ #7029 Badge No.: 7029

Date: 02/09/2022

*Black Key Temperature Probe Serial.....# DDxKP2-390 BMG

*Digital NIST Temperature Measuring System Serial.....# 200 357 842 BMG

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

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.

Calibration File No.:	02875	Calib. Date:	02/09/2022	Calib. No.:	00042
Certification File No.:	02876	Cert. Date:	02/09/2022	Cert. No.:	00038
Linearity File No.:	02853	Lin. Date:	09/20/2021	Lin. No.:	00037
Solution File No.:	02872	Soln. Date:	01/15/2022	Soln. No.:	00314
Sequential File No.:	02876	File Date:	02/09/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	05/06/2022
Solution Control Lot:	20220			Bottle No.:	1445

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:29S		
Control 1 EC	0.099%	09:30S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	09:30S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:31S		
Control 2 EC	0.099%	09:32S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	09:32S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:32S		
Control 3 EC	0.099%	09:33S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	09:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:34S		

All tests within acceptable tolerance.

Coordinator
Last Name: GAMBONE First Name: BRIAN MI: M

Signature: Sgt. B~~N #7029 Badge No.: 7029
Date: 02/09/2022

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

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARUM-0066
Location: PENNSAUKEN TWSP. P.D.

Calibration File No.:	02875	Calib. Date:	02/09/2022	Calib. No.:	00042
Certification File No.:	02876	Cert. Date:	02/09/2022	Cert. No.:	00038
Linearity File No.:	02877	Lin. Date:	02/09/2022	Lin. No.:	00038
Solution File No.:	02872	Soln. Date:	01/15/2022	Soln. No.:	00314
Sequential File No.:	02877	File Date:	02/09/2022		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCB-0001
Control Solution %:	0.040%			Expires:	06/08/2022
Solution Control Lot:	20260			Bottle No.:	0409

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDCB-0002
Control Solution %:	0.080%			Expires:	06/11/2022
Solution Control Lot:	20270			Bottle No.:	0373

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDBN-0007
Control Solution %:	0.160%			Expires:	06/17/2022
Solution Control Lot:	20280			Bottle No.:	0843

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:51S		
Control 1 EC	0.041%	09:52S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:52S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:54S		
Control 2 EC	0.041%	09:54S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	09:54S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:56S		
Control 3 EC	0.081%	09:57S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	09:57S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:58S		
Control 4 EC	0.081%	09:59S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	09:59S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:01S		
Control 5 EC	0.160%	10:01S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	10:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:03S		
Control 6 EC	0.159%	10:04S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.158%	10:04S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:05S		

All tests within acceptable tolerance.

Coordinator
Last Name: GAMBONE First Name: BRIAN MI: M

Signature: Sgt. B~~~M ~~~ #7029 Badge No.: 7029
Date: 02/09/2022

Calibrating Unit
New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C			Serial No.:	ARUM-0066
Location:	PENNSAUKEN TWSP. P.D.				
Calibration File No.:	02875	Calib. Date:	02/09/2022	Calib. No.:	00042
Certification File No.:	02876	Cert. Date:	02/09/2022	Cert. No.:	00038
Linearity File No.:	02877	Lin. Date:	02/09/2022	Lin. No.:	00038
Solution File No.:	02878	Soln. Date:	02/09/2022	Soln. No.:	00315
Sequential File No.:	02878	File Date:	02/09/2022		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUN S3-0338
Control Solution %:	0.100%			Expires:	07/21/2023
Solution Control Lot:	21270			Bottle No.:	0548

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:14S		
Control 1 EC	0.100%	11:15S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.097%	11:15S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:16S		
Control 2 EC	0.098%	11:16S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	11:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:17S		
Control 3 EC	0.098%	11:18S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	11:18S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:19S		

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in acordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDuJ P2-143 BmG

Changed By:

Last Name: GAMBONE First Name: BRIAN MI: M

Signature: Sgt. B~ M #7029 Badge No.: 7029

Date: 02/09/2022

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

Coordinator:

Sgt. Brian M. Gambone
Name

7029
Badge No.

Location:

Pennsauken Twsp. P.D.
Agency

ARUM-0066
Alcotest Serial No.

Equipment:

200357842
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%	DDCB-0001	08:10 s	09:11 s	33.9°C
0.08%	DDCB-0002	08:10 s	09:13 s	34.0°C
0.10%	DDUN 53-0338	08:10 s	09:14 s	34.0°C
0.16%	DDBN-0007	08:10 s	09:16 s	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 ± 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. [signature] #7029
Coordinator's Signature

02/09/2022
Date

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: DDCB-0001

Certification Date: 6·21·21

Technician: CM

Re-Certification Due Date: 6·21·22

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: DDCB-0002

Certification Date: 6·21·21

Technician: CM

Re-Certification Due Date: 6·21·22

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.

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.

- [x] Model: ALCOTEST CU34
- [ ] Model: MARK IIA
- [ ] X-Cal 2000 (Alcosim)
- [ ] Other: _____

Serial Number: DDBN-0007

Certification Date:	Technician:	Re-Certification Due Date:
6·21·21	AM	6·21·22

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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:	Certification Date:	Next Certification Due:
DDXKP2-390	6·21·21	6·21·22

Probe Value: 106

Draeger, Inc. AM

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

Cert. No.: 4000-11349796

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: 200357842 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Thermistor Module	A27129	04 Feb 2021	1000451212
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Temperature Probe	5394	21 Feb 2021	C0220030
Temperature Calibration Bath	B16388		
Temperature Probe	5267	21 Feb 2021	C0220028
Temperature Calibration Bath	B3A444		
Thermistor Module	B96381	16 Jul 2020	B9626028
Temperature Probe	5398	16 Jul 2020	B9605083
Thermistor Module	B96382	19 Aug 2020	B9628006
Temperature Probe	5410	13 Sep 2020	B9801031

Certificate Information:

Technician: 420 Procedure: CAL-06 Cal Date: 15 Jun 2020 Cal Due Date: 15 Jun 2022

Test Conditions: 52.44%RH 23.46°C 1018mBar

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.		25.001	25.002	Y	24.951	25.051	0.0087	>4:1
°C	N.A.	N.A.		50.002	50.000	Y	49.952	50.052	0.0087	>4:1
°C	N.A.	N.A.		100.001	99.999	Y	99.951	100.051	0.0087	>4:1

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

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO 'Guide to the Expression of Uncertainty in Measurement (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) – Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez

Nicol Rodriguez, Quality Manager

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 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

ACCREDITED
A2LA Certificate No. 1750.01
Calibration

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

Cert. No.: 4000-11349796

Traceable® Certificate of Calibration for Digital Thermometer

ecalibration:

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

ue Date : 15 Jun 2020

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

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

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 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: 05/22/2020**

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20220

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 0.1227 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 06, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 27th day of May, 2020.

Notary

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE: 07/29/2020**

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0481 to 0.0486 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 08, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18th day of August, 2020.
Maryanne Kucker
Notary

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
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GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

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

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE:** 08/07/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0974 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 11, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 18th day of August, 2020.
Maryanne Kucker
Notary

State of New Jersey
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DEPARTMENT OF LAW AND PUBLIC SAFETY
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GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE:** 07/17/2020

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 20280

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1949 to 0.1977 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 17, 2022.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of July, 2020.

Notary

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

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

ANDREW J. BRUCK
Acting Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc. **ANALYSIS DATE: 08/10/2021**

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21270

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1208 to 0.1221 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 July 21, 2023.

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

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of August, 2021.

Notary

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

DEPARTMENT OF
Law and Public Safety
This is to certify that

Brian M. Gambone

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 9th DAY OF October
TWO THOUSAND AND Eighteen

COLONEL
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	11/19/18	GCPA	Adam Stendes
2.	8/14/20	ACCC	Adam Stendes
3.			
4.			
5.			
6.			
7.			
8.			
9.			

S.P. 203B (Rev. 01/18)

DEPARTMENT OF
Law and Public Safety
This is to certify that

Brian M. Gambone
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Alcotest 7110 MKIII-C A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 14th DAY OF July
TWO THOUSAND AND Ten

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

	DATE	Refresher Course PLACE	INSTRUCTOR
1.	1/10/12	GCPA	Wm Lucas
2.	11/4/14	GCPA	Adam Stendes
3.	6/14/16	CMPA	Adam Stendes
4.	11/19/18	GCPA	Adam Stendes
5.	8/14/20	ACCC	Adam Stendes
6.			
7.			
8.			
9.			

S.P. 203B (Rev. 03/10)

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest 7110 MKIII-C is conforming to "Model Specifications" DOT with 49 FR 48854, 49 FR 50864 and 58 FR 48705. The manufacturer recommends accuracy validation of the instrument within 12 months of this calibration date below, or sooner, according to your State Specifications.

Certification Date: 7-16-16

SERIAL NUMBER: ARUM-0016

Dräger Safety Diagnostics, 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)
Draeger, Inc.

- [x] Model: ALCOTEST CU34
- [ ] Model: MARK IIA
- [ ] X-Cal 2000 (Alcosim)
- [ ] Other: _____

Serial Number: DDUNS3-0338

Certification Date: 1.5.22

Technician: am

Re-Certification Due Date: 1.5.23

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with 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: DDUJP2-143

Certification Date: 1.5.22

Next Certification Due: 1.5.23

Probe Value: 106

Draeger, Inc. am