

Alcotest 7110 Calibration Record

Equipment Alcotest 7110 MKIII-C Serial No.: ARWE-0027
Location: BLAIRSTOWN POLICE DEPT.
Calibration File No.: 00178 Calib. Date: 08/05/2010 Calib. No.: 00011
Certification File No.: 00168 Cert. Date: 03/12/2010 Cert. No.: 00008
Linearity File No.: 00169 Lin. Date: 03/12/2010 Lin. No.: 00008
Solution File No.: 00177 Soln. Date: 07/29/2010 Soln. No.: 00076
Sequential File No.: 00178 File Date: 08/05/2010

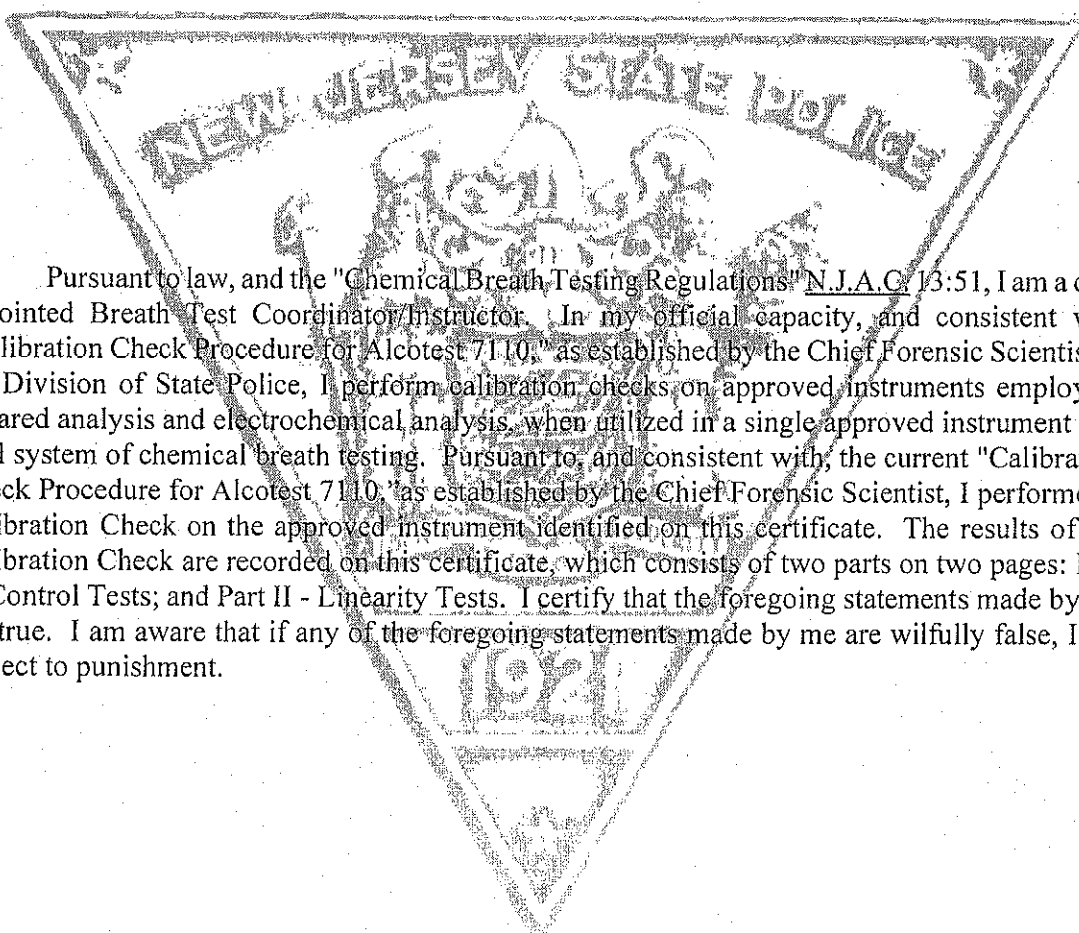
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0284
Control Solution %: 0.100% Expires: 04/22/2011
Solution Control Lot: 09D065 Bottle No.: 0817

Coordinator

Last Name: ROUSHINKO First Name: CRAIG MI: A.
Signature: PRE. II C. R. #6046 Badge No.: 6046
Date: 08/05/2010

*Black Key Temperature Probe Serial.....# DDWAP2-038 (CAR)

*Digital NIST Temperature Measuring System Serial.....# 80614942 (CAR)



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.: ARWE-0027
Location: BLAIRSTOWN POLICE DEPT.
Calibration File No.: 00178 Calib. Date: 08/05/2010 Calib. No.: 00011
Certification File No.: 00179 Cert. Date: 08/05/2010 Cert. No.: 00009
Linearity File No.: 00169 Lin. Date: 03/12/2010 Lin. No.: 00008
Solution File No.: 00177 Soln. Date: 07/29/2010 Soln. No.: 00076
Sequential File No.: 00179 File Date: 08/05/2010

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0284
Control Solution %: 0.100% Expires: 04/22/2011
Solution Control Lot: 09D065 Bottle No.: 0817

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:00D		
Control 1 EC	0.099%	14:00D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	14:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:01D		
Control 2 EC	0.100%	14:01D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:02D		
Control 3 EC	0.099%	14:03D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	14:03D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:03D		

All tests within acceptable tolerance.

Coordinator

Last Name: ROUSHINKO

First Name: CRAIG

MI: A.

Signature: _____

TRE T. ROUSHINKO

Badge No.: 6046

Date: 08/05/2010

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.:	ARWE-0027
Location:	BLAIRSTOWN POLICE DEPT.	Calib. No.:	00011
Calibration File No.:	00178	Calib. Date:	08/05/2010
Certification File No.:	00179	Cert. Date:	08/05/2010
Linearity File No.:	00180	Lin. Date:	08/05/2010
Solution File No.:	00177	Soln. Date:	07/29/2010
Sequential File No.:	00180	File Date:	08/05/2010
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDRK S3-0021
Solution Control Lot:	10A073	Expires:	01/12/2012
		Bottle No.:	0918
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDRK S3-0022
Solution Control Lot:	10A074	Expires:	01/15/2012
		Bottle No.:	0040
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDRK S3-0024
Solution Control Lot:	10A075	Expires:	01/21/2012
		Bottle No.:	0199

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:18D		
Control 1 EC	0.041%	14:19D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	14:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:20D		
Control 2 EC	0.041%	14:21D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	14:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:22D		
Control 3 EC	0.082%	14:23D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	14:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:24D		
Control 4 EC	0.081%	14:25D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.080%	14:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:26D		
Control 5 EC	0.163%	14:27D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	14:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:28D		
Control 6 EC	0.162%	14:29D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.162%	14:29D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:30D		

All tests within acceptable tolerance.

Coordinator

Last Name: ROUSHINKO

First Name: CRAIG

MI: A.

Signature: _____

TPR. II  #6046

Badge No.: 6046

Date: 08/05/2010

Drägersafety

Alcotest[®] 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864 and 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

05/01/2007

SERIAL NUMBER:

ARWE-0027

Draeger Safety Diagnostics, Inc.
Durango, CO

CEO



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-2023730

Traceable® Certificate of Calibration for Digital Thermometer

Instrument Identification:

Model: 61220-601 S/N: 80614942 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC191	A79341		
Digital Thermometer	72310620/72310747	7/01/09	4000-1923693
Temperature Calibration Bath TC179	A45240		
Digital Thermometer	22136727	5/16/09	4000-1882244
Temperature Probe	149	3/06/09	A8225037-3
Thermistor Module	A17118	11/15/08	A7831032
Temperature Calibration Bath TC218	A73332		

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 11/04/08 Cal Due: 11/04/10
Test Conditions: 23.5°C 44.0 %RH 1019 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±uc	TUR
°C		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.004	24.999	Y	24.954	25.054	0.013	3.8:1
°C		N.A.		60.001	59.998	Y	59.951	60.051	0.018	2.8:1
°C		N.A.		100.001	99.999	Y	99.951	100.051	0.013	3.8:1

This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.

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; ±uc=Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Date=MM/DD/YY

Wallace Berry
Wallace Berry, Technical Manager

Maintaining Accuracy:

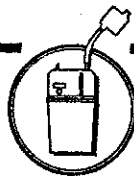
In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

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

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2000 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-AQ-HOU.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).



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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 Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDRKS3-0021

Certification Date

Technician

Re-Certification Due Date

4-14-10

mm

4-14-11



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CERTIFICATE OF ACCURACY

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(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDRKS3-0022

Certification Date

Technician

Re-Certification Due Date

2/3/10

mm

2/3/11



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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 Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

Other: _____

Serial Number:

DDRKS3-0024

Certification Date

Technician

Re-Certification Due Date

2/3/10

am

2/3/11

Drägersafety

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 Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

DDWAP2-038

Certification date:

2-3-10

Next Certification due:

2-3-11

Probe Value

102

Draeger Safety Diagnostics, Inc.
Technical Service Department

mm



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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 Safety Diagnostics, Inc.

Model: ALCOTEST® CU34

Model: MARK IIA

Other: _____

Serial Number:

DDWHS3-0284

Certification Date

Technician

Re-Certification Due Date

3/22/10

DM

3/22/11

Drägersafety

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 Specification.

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:

DDWA02-008

3/22/10

3/22/11

Probe Value

1.08

Draeger Safety Diagnostics, Inc.
Technical Service Department

DM

