

Dräger safety

Alcotest<sup>®</sup> 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.

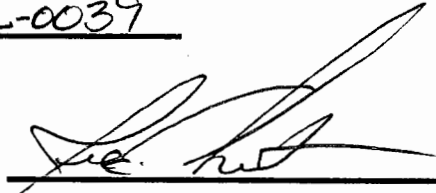
Certification Date:

06.17.2005

SERIAL NUMBER:

ARWE-0039

Draeger Safety Diagnostics, Inc.  
Durango, CO



\_\_\_\_\_

**Dräger**safety

**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:

03-03-08

SERIAL NUMBER:

ARWE-0039

**Draeger Safety Diagnostics, Inc.**

  
\_\_\_\_\_



Dräger safety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDRKS3-0021

Certification Date

Technician

Re-Certification Due Date

02-13-08

*[Signature]*

02-13-09



Dräger safety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDRKS3-0022

Certification Date

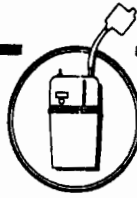
Technician

Re-Certification Due Date

02-13-08

*[Signature]*

02-13-09



**Drägersafety**

# 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:

DDRK53-0024

Certification Date

Technician

Re-Certification Due Date

02-13-08

*[Signature]*

02-13-09

## 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:

DDWA P2-038

02-12-08

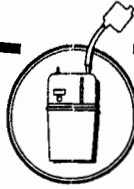
02-12-09

Probe Value

102

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

*[Signature]*



Dräger safety

# 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:

DDWE 53-0165

Certification Date

Technician

Re-Certification Due Date

FEB. 26/2008

TG

FEB. 26/2009

## Dräger safety

### 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:

DDXAP2-039

02-25-08

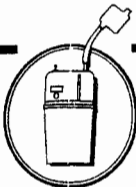
02-25-09

Probe Value

104

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department





**Draeger**safety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDWF 53-0252

Certification Date

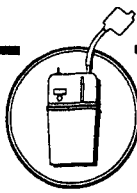
Technician

Re-Certification Due Date

JUNE 6, 2005

DB

JUNE 6, 2006



Drägersafety

# 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:

DDWF 53 - 0252

Certification Date

Technician

Re-Certification Due Date

MAR 19 2007

mlc

MAR 19 2008

## 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:

DDWAP2-098

03/16/2007

03/16/2008

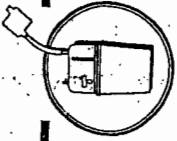
Probe Value

104

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

CRD

Dräger safety



# 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:

DDMK 53-0007

Certification Date

MAR 09 2006

Technician

DB

Re-Certification Due Date

MAR 09 2007



Drägersafety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDMK53-0007

Certification Date

Technician

Re-Certification Due Date

FEB 19 2007

FEB 19 2009



Drägersafety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDRK53-0011

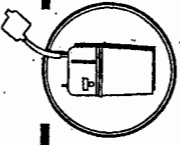
Certification Date

Technician

Re-Certification Due Date

FEB 19 2007

FEB 19 2009



Dräger safety

# 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:

DPK 53-0011

Certification Date

MAR 09 2006

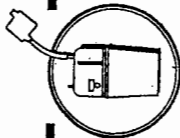
Technician

DB

Re-Certification Due Date

MAR 09 2007

Dräger safety



# 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 IIIA
- Other: \_\_\_\_\_

Serial Number:

DDWJ 53-0334

Certification Date

MAR 09 2006

Technician

DB

Re-Certification Due Date

MAR 09 2007



Dräger safety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDWJ33 - 0334

Certification Date

01/03/2007

Technician

CRD

Re-Certification Due Date

01/03/2008

## Dräger safety

### ALCOTEST<sup>®</sup> 7110 TEMPERATURE PROBE

# CERTIFICATE OF ACCURACY

This is to certify that the Alcotest<sup>®</sup> 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<sup>®</sup> 7110.

Serial Number Temp. Probe

DDMBP1 - 0004

Certification date:

11/27/2006

Next Certification due:

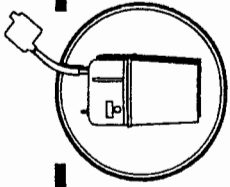
11/27/2007

Probe Value

103

Draeger Safety Diagnostics, Inc.  
Technical Service Department

CRD



Dräger safety

# 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:

DDXDS3-0182

Certification Date

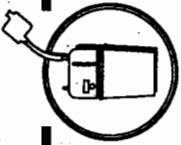
11/1/06

Technician

CRD

Re-Certification Due Date

11/1/07



Dräger safety

# 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:

DDNBS3-0001

Certification Date

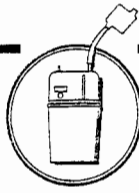
08/24/2006

Technician

Carl Dely

Re-Certification Due Date

08/24/2007



Dräger safety

# 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<sup>®</sup> CU34
- Model: MARK IIA
- Other: \_\_\_\_\_

Serial Number:

DDXD 53-0182

Certification Date

APR 13 2006

Technician

DB

Re-Certification Due Date

APR 13 2007

**Dräger**safety

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:

DDXAP2-012

04/12/2006

04/12/2007

Probe Value

105

Draeger Safety Diagnostics, Inc.  
Technical Service Department

Cent Dg

**Dräger**safety

**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:

DDI0AP2-098


06-09-2005

06-09-2006

Probe Value

104

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department



**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:
<u>DDMS91-0004</u>	<u>03/09/2006</u>	<u>03/09/2007</u>
Probe Value	Draeger Safety Diagnostics, Inc. Technical Service Department	
<u>103</u>	<u>Ant Dely</u>	

## Ertco-Hart Digital Temperature Measuring System

### REPORT OF CALIBRATION

This is to certify that the Ertco-Hart Digital Temperature Measuring System has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). Draeger Safety Diagnostics, Inc. (DSDI) recommends accuracy verification of the Ertco-Hart Digital Temperature Measuring System within 12 months of the certification date below, or sooner, according to your state specification.

DSDI equipment used for temperature verification Serial Number: HH41 303176

Digital Units Serial Number: A 23730

Probe Serial Number: 583983

Certification Date: 03-14-2006

Next Certification Due: 03-14-2006

At 34.00 °C digital unit displays 33.99 °C

Draeger Safety Diagnostics, Inc. Technician: 

## Ertco-Hart Digital Temperature Measuring System

### REPORT OF CALIBRATION

This is to certify that the Ertco-Hart Digital Temperature Measuring System has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). Draeger Safety Diagnostics, Inc. (DSDI) recommends accuracy verification of the Ertco-Hart Digital Temperature Measuring System within 12 months of the certification date below, or sooner, according to your state specification.

DSDI equipment used for temperature verification Serial Number: HH41 301316 / HH41 303176 / MERCURY THERMOMETER


Digital Units Serial Number: A23727

Probe Serial Number: 5B3982

Certification Date: 02-12-2008

Next Certification Due: 02-12-2009

At 34.00 °C digital unit displays 34.06 °C

Draeger Safety Diagnostics, Inc. Technician: 

**Dräger**safety

**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

DDXA P2-027

Certification date:

02/10/2009

Next Certification due:

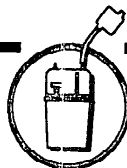
02/10/2010

Probe Value

104

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

[Signature]



**Dräger**safety

**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:

DDWFS3-0238

Certification Date

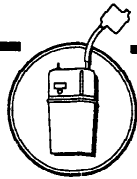
02/09/2009

Technician

[Signature]

Re-Certification Due Date

02/09/2010



**Draeger**safety

# 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:

DDWF 53 - 0252

Certification Date

Technician

Re-Certification Due Date

MAR 19 2007

mk

MAR 19 2009

**Dräger**safety

**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

DDWAP2-098

Certification date:

03/16/2007

Next Certification due:

03/16/2008

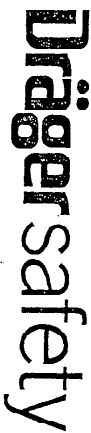
Probe Value

104

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

CEO

3 0 3



### Ertco-Hart Digital Temperature Measuring System

# REPORT OF CALIBRATION

This is to certify that the Ertco-Hart Digital Temperature Measuring System has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). Draeger Safety Diagnostics, Inc. (DSDI) recommends accuracy verification of the Ertco-Hart Digital Temperature Measuring System within 12 months of the certification date below, or sooner, according to your state specification.

DSDI equipment used for temperature verification Serial Number: 303176

Digital Units Serial Number: A18520

Probe Serial Number: S57900

Certification Date: 02/28/2006

Next Certification Due: 02/28/2007

At 34.00 °C digital unit displays 33.99 °C

Draeger Safety Diagnostics, Inc. Technician: Ante Bely

Ficke Corporation  
 Hart Scientific Division  
 799 E Utah Valley Drive  
 American Fork, Utah 84003-9775

# Report of Calibration



For the Scope of Accreditation  
 Under NVLAP Lab Code 200348-0

<b>Model:</b> 1502A	<b>Serial No.:</b> A71569	<b>Customer:</b> Barnstead International 2555 Kerper Blvd Dubuque, IA 52001-1478
<b>Description:</b> Thermometer, "Tweener"		
<b>Received Condition:</b> New	<b>Procedure:</b> HST305 - 4	<b>As Left Condition:</b> In Tolerance

The above referenced digital thermometer readout or readout module was calibrated by one of two methods. Resistance instruments were calibrated by direct measurement of laboratory resistance transfer standards and/or comparison to a high precision ratio bridge. Thermocouple instruments were calibrated by precision voltage excitation and reference junction compensation measurements. The calibration data and internal calibration coefficients are shown on the following page(s) of this report. Any limitations or remarks pertaining to this instrument or calibration are shown below. The test accuracy ratio (TAR) of this calibration is at least 4:1 unless otherwise indicated. This calibration is traceable to NIST, radiometric techniques, or natural physical constants and is in compliance to ISO/IEC 17025 and ANSI/NC SL Z540-1. This calibration certificate applies only to the item described and shall not be reproduced other than in full, without written approval of Hart Scientific. This calibration certificate shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Calibration certificates without signatures are not valid.

NOTE: In accordance with recommended calibration interval policy as described in Hart Scientific Terms and Conditions of Sale, new instrument Report of Calibrations reflect OEM recommended one year calibration interval.

*Test Equipment*

Instrument	Model	Serial No.	Recall Date
Thermistor Probe	5610	A251701	02/24/2007
Standard Resistor Set	3591	A1C004	02/05/2007
Digital Thermometer	1529-R	A27261	02/03/2007
Test Station	N/A	3	NCR

Environmental Conditions:

Temperature: 22°C  
 Humidity: 23% RH  
 Calibration Date: 01/16/2007  
 Calibration Due: 01/16/2008  
 PO #: P028890-00  
 Report No: A7116008

Performed by: Cory Allen  
 Cory Allen

Approved by: [Signature]

# Report of Calibration

Model: 1502A

Serial No.: A71569

Report No: A7116008

## As Found Data

No As Found Data Required

## As Left Data

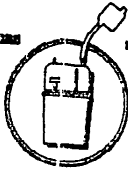
### Calibration Constants

CAL0	0.0004
CAL100	-0.0001
CAL400	-0.0017

### Test Data

Data ID: 7016083581

Nominal $\Omega$	Actual	Measured	Error	Calibration Tolerance	Pass/Fail
0	0.00000	0.00006	0.00006	$\pm 0.00050$	P
25	25.0008168	25.0007050	-0.0001118	$\pm 0.0006250$	P
100	99.99933	99.99952	0.00019	$\pm 0.00250$	P
200	200.0012	200.0010	-0.0002	$\pm 0.0050$	P
400	400.001	400.001	0.000	$\pm 0.010$	P



Drägersafety

# 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:

DDRK53-0021

Certification Date

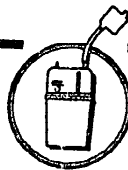
Technician

Re-Certification Due Date

02-03-2009

[Signature]

02-03-2010



Drägersafety

# 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:

DDRK53-0022

Certification Date

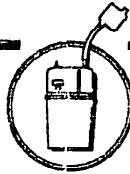
Technician

Re-Certification Due Date

02/03/2009

[Signature]

02/03/2010



Drägersafety

# 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

02/03/2009

*[Signature]*

02/03/2010

## 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:

DDWAP2-038

02/03/2009

02/03/2010

Probe Value

102

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

*[Signature]*



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 Digital Thermometer	A79341 72310620/72310747	7/01/09	4000-1923693
Temperature Calibration Bath TC179 Digital Thermometer	A45240 22136727	5/16/09	4000-1882244
Temperature Probe Thermistor Module	149 A17118	3/06/09 11/15/08	A82225037-3 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:**

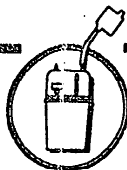
In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

**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).



Dräger safety

# 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:

DDWF53-0238

Certification Date

Technician

Re-Certification Due Date

02/09/2009

[Signature]

02/09/2010

## Dräger safety

### 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:

DDXAP2-027

02/10/2009

02/10/2010

Probe Value

104

**Draeger Safety Diagnostics, Inc.**  
Technical Service Department

[Signature]

**Dräger**safety

**Alcotest<sup>®</sup> 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:

1/21/2010

SERIAL NUMBER:

ARWE-0039

**Draeger Safety Diagnostics, Inc.**

\_\_\_\_\_ *AS*



Dräger safety

# 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:  
DDWES3-0177

Certification Date	Technician	Re-Certification Due Date
<u>1-18-10</u>	<u>MM</u>	<u>1-18-11</u>

## Dräger safety

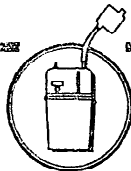
### ALCOTEST® 7110 TEMPERATURE PROBE

# 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:
<u>DDUNP2-435</u>	<u>1/18/10</u>	<u>1/18/11</u>

Probe Value	Draeger Safety Diagnostics, Inc. Technical Service Department	<u>2M</u>
<u>1.05</u>		



Dräger safety

# 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



Dräger safety

# 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

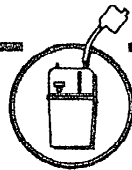
Technician

Re-Certification Due Date

2/3/10

MM

2/3/11



Drägersafety

# 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

DM

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

gmm