#### Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C

Location:

Linearity File No.:

Solution File No.:

Calibrating Unit:

Sequential File No.:

Control Solution %:

Solution Control Lot:

LAWRENCE TWP POLICE

Calibration File No.:

00736

Certification File No.: 00700 00701

00735

00736

WET

0.100%

12B099

Calib. Date: 04/25/2012 Cert. Date: 11/03/2011 Lin. Date:

11/03/2011 Soln. Date: 04/06/2012

File Date: 04/25/2012

Model No.: CU-34

Serial No.: DDWJ S3-0355 Expires: 02/20/2014

Lin. No.:

Bottle No.: 0800

Serial No.: ARWF-0359

00011

Calib. No.: 00015

Cert. No.: 00011

Soln. No.: 00110

Coordinator

Last Name: GIBSON

First Name: MICHAEL

Badge No.: 6353

Date:

04/25/2012

MI: P.

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

\*Digital NIST Temperature Measuring System Serial.....# 122

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.: ARWF-0359

Location: LAWRENCE TWP POLICE

Calibration File No.: 00736 Calib. Date: 04/25/2012 Calib. No.: 00015 Certification File No.: 00737 Cert. Date: 04/25/2012 Cert. No.: 00012 Linearity File No.: 00701 Lin. Date: 11/03/2011 Lin. No.: 00011 Solution File No.: 00735 Soln. Date: 04/06/2012 Soln. No.: 00110

Sequential File No.: 00737 File Date: 04/25/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWJ S3-0355

Control Solution %: 0.100% Expires: 02/20/2014

Solution Control Lot: 12B099 Bottle No.: 0800

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:03D	omination ( C)	Of Effor(s)
Control 1 EC	0.101%	10:04D	33.8°C	*** TEST PASSED ***
Control 1 IR	0.101%	10:04D	33.8°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:05D		
Control 2 EC	0.099%	10:05D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:05D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:06D		
Control 3 EC	0.100%	10:07D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	10:07D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:07D		

All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON First Name: MICHAEL Badge No.: 6353

Signature: 14. H. Muchael | 16353 | Date: 04/25/2012

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 Location:	Alcotest 7110 LAWRENCE		E		Serial No.: ARWF-0359
Calibration File No.: Certification File No.: Linearity File No.: Solution File No.: Sequential File No.:	00736		Calib. Date Cert. Date: Lin. Date:	: 04/25/2012 04/25/2012 04/25/2012 04/06/2012 04/25/2012	Calib. No.: 00015 Cert. No.: 00012 Lin. No.: 00012 Soln. No.: 00110
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.040% 11F090		Model No.:	CU-34	Serial No.: DDCB-0001 Expires: 06/27/2013 Bottle No.: 1016
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.080% 11F091		Model No.:	CU-34	Serial No.: DDCB-0002 Expires: 06/30/2013 Bottle No.: 1200
Calibrating Unit: Control Solution %: Solution Control Lot:	WET 0.160% 11G092		Model No.:	CU-34	Serial No.: DDBN-0007 Expires: 07/03/2013 Bottle No.: 0841
Function		Result	Time	Temperature	Comment(s)
		%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank		0.000%	10:16D		
Control 1 EC		0.042%	10:17D	34.0°C	*** TEST PASSED ***
Control 1 IR		0.042%	10:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	10:18D		
Control 2 EC		0.040%	10:19D	34.0°C	*** TEST PASSED ***
Control 2 IR		0.041%	10:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	10:20D		
Control 3 EC		0.081%	10:21D	34.0°C	*** TEST PASSED ***
Control 3 IR		0.082%	10:21D	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	10:22D		
Control 4 EC		0.081%	10:23D	34.0°C	*** TEST PASSED ***
Control 4 IR		0.080%	10:23D	34.0°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	10:24D		
Control 5 EC		0.162%	10:25D	34.0°C	*** TEST PASSED ***
Control 5 IR		0.159%	10:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank Control 6 EC		0.000%	10:27D	24.000	444 MDOM D 4 CORD dates
Control 6 IR		0.161% 0.161%	10:27D 10:27D	34.0°C 34.0°C	*** TEST PASSED ***  *** TEST PASSED ***
Collifor o IK		11 10 19/0	1111/11	3/1 1171	*** I H \ I P A \ \ H I I ***
Ambient Air Blank		0.000%	10:27D	34.0 C	TEST TASSED

All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON MI: P.

Signature: Tu. I Wichael P. Hilbon #635 Badge No.: 6353 Date: 04/25/2012

Equipment Location:	Alcotest 7110 LAWRENCE		E		Serial No.: ARWF-0359
Calibration File No.:	00736			: 04/25/2012	Calib. No.: 00015
Certification File No.:	00.0.		Cert. Date:	04/25/2012	Cert. No.: 00012
Linearity File No.:	00738		Lin. Date:	04/25/2012	Lin. No.: 00012
Solution File No.:	00739		Soln. Date:		Soln. No.: 00111
Sequential File No.:	00739		File Date:	04/25/2012	
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.: DDWJ S3-0355
Control Solution %:	0.100%				Expires: 12/16/2012
Solution Control Lot:	10L084				Bottle No.: 0459
Function		Result	Time	Temperature	Comment(s)
		%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank		0.000%	11:34D		
Control 1 EC		0.100%	11:34D	33.9°C	*** TEST PASSED ***
Control 1 IR		0.101%	11:34D	33.9°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	11:35D		
Control 2 EC		0.100%	11:36D	33.9°C	*** TEST PASSED ***
Control 2 IR		0.099%	11:36D	33.9°C	*** TEST PASSED ***
Ambient Air Blank		0.000%	11:36D		
Control 3 EC		0.099%	11:37D	33.9°C	*** TEST PASSED ***
Control 3 IR		0.100%	11:37D	33.9°C	*** TEST PASSED ***
Ambient Air Blank		0.000%			

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 SERZAL NUMBER: DDWA 82-213 (MPS)

Changed By:

Last Name: GIBSON

First Name: MICHAEL

MI: P.

Signature

2 han # 6353

Date:

Badge No.: 6353

04/25/2012



## Dräger

## 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  O Model: MARK IIA		Serial Number:
O Other:		DD CB - 0001
Certification Date	Technician	Re-Certification Due Date
2/2/12	3M	2/2/13



## Dräger

## 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.** 

Ø Model: ALCOTEST <sup>®</sup> CU ○ Model: MARK IIA	34	Serial Number:
O Other:	_	DD CB-0002
Certification Date	Technician	Re-Certification Due Date
3/20/12		3/20/13



## Dräger

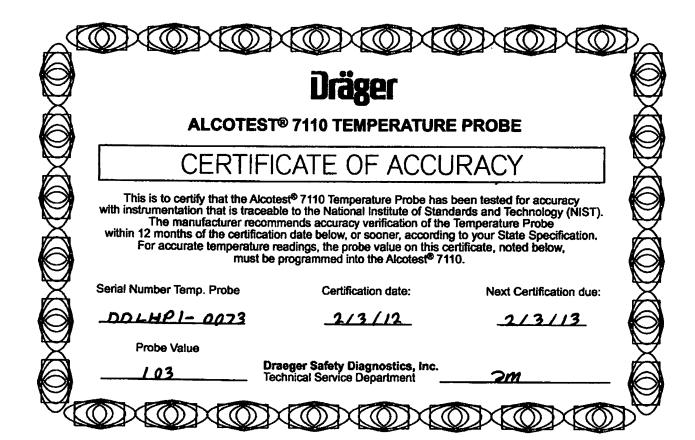
## CERTIFICATE OF ACCURACY

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® C     ✓ Model: MARK IIA	U34	Serial Number:
O Other:	<del></del> -	DD 8 N - 0007
Certification Date	Technician	Re-Certification Due Date
2/2/12		2/2//3





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



Cert. No.: 4000-4269984

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

Manufactured for and distributed by: VWR International, LLC, Radnor Corporate Center, Bidg 1, Ste 200, 100 Matsonford Road, Radnor, PA 19087 Instrument Identification:

Model: 61220-601

S/N: 122172175

Manufacturer: Control Company

Star	ıdaı	rds/i	Eau	iom	ent:

Description	Serial Number	<b>Due Date</b>	NIST Traceable Reference
Temperature Calibration Bath TC-275	A9A237		
Digital Thermometer	B16815	6/06/12	B1606038
PRT Temperature Probe	01641	5/28/12	B1526085
Temperature Calibration Bath TC-256	B01375		
Thermistor Module	A27129	10/31/12	1000306945
Temperature Probe	157	11/13/12	6-BL72N-1-1
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/01/13	1000311439
Temperature Probe	128	2/14/13	6-BN9WZ-27-1

#### Certificate Information:

Technician: 68

Procedure: CAL-06

Cal Date: 3/30/12

Cal Due: 3/30/14

**Test Conditions:** 

23.0°C

44.0 %RH 1012 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
•c		N.A.		-0.000	-0.002	Υ	-0.050	0.050	0.013	3.8:1
*C		N.A.		25.001	25.000	Υ	24.951	25.051	0.014	3.6:1
•c		N.A.		60.000-	59,998	Υ.	59.950	60.050	_0.018	. 2.8:1
•c		N.A.		100.001	100.002	Y	99.951	100.051	0.018	2.8:1

This instrument was calibrated using instruments Traceable to National Institute of Standards and Technology.

A Test therefore was continuously.

A Test therefore was continuously institution to recommend the processor of recommendation in containing the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated unless of the expanded 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; Date=MM/DD/YY

Micol Rodriguez, Quality Manager

Wallace Berow Wallace Berry, Tochnical Menager

#### **Maintaining Accuracy:**

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

#### Recalibration:

For factory calibration and re-certification transable 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



State of New Jersey Office of the Attorney General

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

WEST TRENTON, NJ 08628-0068 (609) 882-2000 JEFFREY S. CHIESA

Attorney General

COLONEL JOSEPH R. FUENTES

Superintendent

## CERTIFICATION OF ANALYSIS 0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 3/20/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12B099

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of  $\underline{0.1207}$  to  $\underline{0.1211}$  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. 13:51-3.4, 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 February 20, 2014.

As Forensic Scientist III 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.

Monica L. Tramontin ForensicScientist III

NJSP Office of Forensic Sciences

Sworn to and subscribed before me this and day of \_\_\_\_\_\_, 2012.

Notary

CHRIS CHRISTIE

Governor

KIM GUADAGNO

Lt. Governor

MARY ELIZABETH MCLAUGHLIN NOTARY PUBLIC OF NEW JERSEY STY COMMISSION EXPIRES 12-24-2013



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### State of New Hersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor

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

PAULA T. DOW Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

#### CERTIFICATION OF ANALYSIS 0.04 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.045 to 0.051 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc.

ANALYSIS DATE: 7/21/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F090

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0478 to 0.0485 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. 13:51-3.4, 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 27, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

> Assistant Chief Forensic Scientist Division of State Police

Sworn to and subscribed before me this 1 st day of august, 2011.





### State of New Jersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor

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

Paula T. Dow Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

#### **CERTIFICATION OF ANALYSIS** 0.08 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.094 to 0.099 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc.

**ANALYSIS DATE: 7/22/2011** 

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11F091

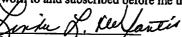
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0968 to 0.0973 grams per 100 milliliters of solution.

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. 13:51-3.4, 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 30, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

> W. Kawalek, M.S. Assistant Chief Forensic Scientist Division of State Police

to and subscribed before me this / day of dugut, 2011.







### State of New Hersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor

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

PAULA T. DOW Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

#### **CERTIFICATION OF ANALYSIS** 0.16 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.188 to 0.199 grams per 100 milliliters of solution.

MANUFACTURER: <u>Drager Safety</u>, Inc.

ANALYSIS DATE: 7/25/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11G092

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1917 to 0.1927 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. 13:51-3.4, 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 3, 2013.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

> ssistant Chief Forensic Scientist Division of State Police

to and subscribed before me this Lat day of August, 2011.

Unda L Desentia







### State of New Hersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor

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

PAULA T. DOW Attorney General

COLONEL JOSEPH R. FUENTES Superintendent

#### CERTIFICATION OF ANALYSIS 0.10 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Draeger Safety, Inc.

ANALYSIS DATE: 1/19/2011

**BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 10L084** 

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1185 to 0.1190 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. 13:51-3.4, 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 December 16, 2012.

As Assistant Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

> Kenneth W. Kawalek, M.S. Assistant Chief Forensic Scientist

Division of State Police

Sworn to and subscribed before me this 24 day of January, 2011.

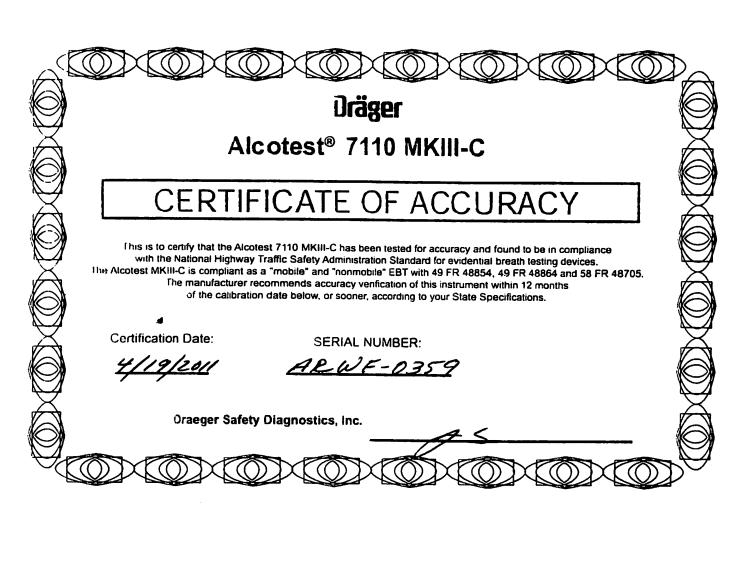
Linda L Desantis Notary Public, New Jersey Commission Expires 8-17





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Michael P. Gibson	3.7.3.1/	OCDA	406
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Michael Gibson			
New Jersey State Police			
ES QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL SHEATH ANALYSES PURSUANT TO CHAPTER 142 OF	_		
THE LAWS OF USE OF THE OPERATION OF THE BYOARD Test Coordinator/Instructor	e e		
A METHOD TO DETERMINE INTOXICATION.  DIVEN UNDER MY HAND AT TERRITON, NEW PERSON ENGY 18th DAY OF JUILE	7		
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NEW POWER STATE OF REAL PROOF	S.P. 2938 (Rev. 00/10		
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DEPARTMENT OF  MICHAEL P. GRISON  NEW JERSEY STATE POLICE  IS QUALIFIED AND CONFERENT TO CONFOCT CONFIGURATION AND WATER PREPARE AND TO COMPTE AND OF THE LAWS OF THE LAWS OF THE LAWS OF THE OFFICE PRODUCE TOOM NEW SERVEY STATE OF THE CONFOCIATION NEW SERVEY STATE OF THE OFFICE PRODUCE TOOM TOOM TOOM TOOM TOOM TOOM TOOM TOO	ORIGINAL C.  DATE  1. 7-19 d  2. 3. 4. 5. 6. 7. 8. 9. 8.P. 2996 (Rev. 08. 08. 08. 08. 08. 08. 08. 08. 08. 08	OURSE DATES	er Course INSTRUCTOR INSTRUCTOR
DEPARTMENT OF  MICHAEL P. GIBSON  NEW JERSEY STATE POLICE  GOVALIDO AND COMPRINT TO CONFOCT COMPLE SEARCH AND THE REPRESENT TO CHAPTER MY OF  THE LAND OF HAND IT TERMINEN HAVE RESERVED THE LAND OF THE LAND OF THE LAND AT TERMINEN HAVE RESERVED THE CONFOCIATION HAVE RESERVED TO CONFOCIATION HAVE	ORIGINAL C.  DATE  1. 7-19. 4  2. 3. 4. 5. 6. 7. 8. 9. 9. 9. 9. P. 2936 (Rev. 06)  ORIGINAL C. DATE  1. 2. 3. 4. 5. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.	OURSE DATES	er Course INSTRUCTOR INSTRUCTOR
DEPARTMENT OF  MICHAEL P. GRISON  NEW JERSEY STATE POLICE  IS QUALIFIED AND CONFIDENT TO CONFIDENCE SERVAN ANALYTES PURSUANT TO CHAPTER MY OF  THE LAW OF HAS DITTE CONFIDENCE OF THE LAW OF HAS DEPARTMENT OF THE LAW OF HAS DITTED CONFIDENCE  GIVEN IN HAS DEPARTMENT OF THE CONFIDENCE OF THE LAW OF HAS DEPARTMENT OF  LIFTS IS IN CERTIFITY THAT THE CONFIDENCE OF THE LAW OF HAS DEPARTMENT OF  IS QUALIFIED AND COMPRISENT TO CHAPTER HAS DEPARTMENT TO CHAPTER HAS DISTRIBUTED AND COMPRISED THE CONFIDENCE OF THE LAW OF HAS DISTRIBUTED AND COMPRISED THE CONFIDENCE OF THE LAW OF HAS DISTRIBUTED AND STREET THE COMPRISED THE CONFIDENCE OF THE LAW OF HAS DISTRIBUTED AND STREET THE COMPRISED THE CONFIDENCE OF THE LAW OF HAS DISTRIBUTED AND STREET THE COMPRISED THE COMPRISED OF THE LAW OF HAS DISTRIBUTED AND STREET THE COMPRISED THE	ORIGINAL C.  DATE 1. 7-14. 2. 3. 4. 5. 6. 7. 8. 9. S.P. 2936 (Rev. 06)  ORIGINAL C.  DATE 1. 2. 3. 4. 5. 6.	OURSE DATES	er Course INSTRUCTOR INSTRUCTOR INSTRUCTOR
DEPARTMENT OF  MICHAEL P. GIBSON  NEW JERSEY STATE POLICE  B QUALIFIED AND COMPUTED TO CONJUCT CESSIVE SEADY AND THE RESULVE TO CHAPTER MY OF  THE LAWS OF HIS OF THE OPERATION OF THE BREATHALVZER A METHOD TO DETERMINE BOTTON CATON TWO THOUGHT HAND AT TERITOR MAY RESET COMPUTED  DEPARTMENT OF  DEPARTMENT OF  ATTORN CASEAN  THO THOUGHT ATTORN CASEAN  THOSE IS NOT CONTINUED TO CHAPTER MY  BERGATHALVZER  ATTORN CASEAN  THOSE IS NOT CONTINUED TO CHAPTER MY  BERGATHALVZER  ATTORN CASEAN  THOSE IS NOT CONTINUED TO CHAPTER MY  AMERICAN OF HOSE IN THE OPERATOR OF THE ASSET OF	ORIGINAL CO  DATE  1. 7-/4. 2. 3. 4. 5. 6. 7. 8. 9. 8.P. 2996 (Rev. 05  DATE  1	OURSE DATES	er Course INSTRUCTOR

S.P. 2938 (Rev. 06/03)





## Dräger

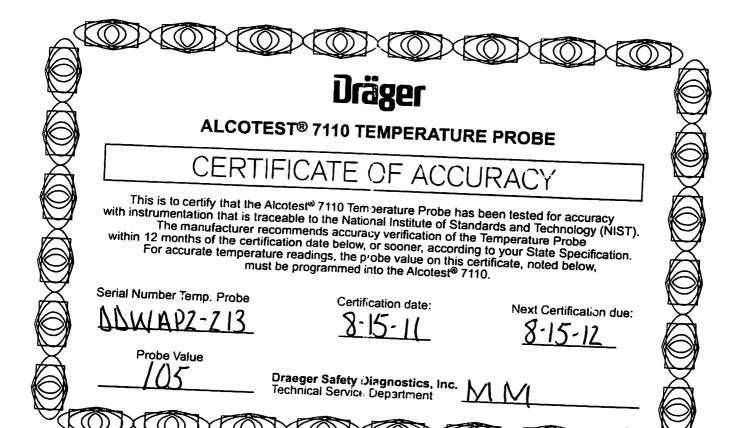
# CERTIFICATE OF ACCURACY

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.

Serial Number: <u>\\\\\JS3-0355</u>
Re-Certification Due Date 8-15-12
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Equipment Location:	Alcotest 7110 LAWRENCE		ËE		Serial No.:	ARWF-0359
Calibration File No.:	00736		Calib. Date	: 04/25/2012	Calib. No.:	00015
Certification File No.:	00737		Cert. Date:	04/25/2012	Cert. No.:	00012
Linearity File No.:	00738		Lin. Date:	04/25/2012	Lin. No.:	00012
Solution File No.:	00742		Soln. Date:	05/31/2012	Soln. No.:	00112
Sequential File No.:	00742		File Date:	05/31/2012		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDWJ S3-0355
Control Solution %:	0.100%				Expires:	12/16/2012
Solution Control Lot:	10L084				Bottle No.:	0455
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
Ambient Air Blank		0.000%	13:16D			
Control 1 EC		0.100%	13:17D	33.8°C	*** TEST I	PASSED ***
Control 1 IR		0.100%	13:17D	33.8°C	*** TEST I	PASSED ***
Ambient Air Blank		0.000%	13:18D			
Control 2 EC		0.099%	13:18D	33.8°C	*** TEST I	PASSED ***
Control 2 IR		0.101%	13:18D	33.8°C	*** TEST I	PASSED ***
Ambient Air Blank		0.000%	13:19D			
Control 3 EC		0.100%	13:20D	33.8°C	*** TEST I	PASSED ***
Control 3 IR		0.101%	13:20D	33.8°C	*** TEST I	PASSED ***
Ambient Air Blank		0.000%	13:20D			

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.

Changed By:
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First Name: THOMAS

MI: C

Badge No.: 0172

Date:

05/31/2012

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Thomas Colliter Lawrence Two Folice	Thomas C. Ritter
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S.P. 2038 (Rev. 05/03)		

Equipment Location:	Alcotest 7110 LAWRENCE		Œ		Serial No.:	ARWF-0359
Calibration File No.:	00736		Calib. Date	: 04/25/2012	Calib. No.:	00015
Certification File No.:	00737		Cert. Date:	04/25/2012	Cert. No.:	00012
Linearity File No.:	00738		Lin. Date:	04/25/2012	Lin. No.:	00012
Solution File No.:	00746		Soln. Date:	06/29/2012	Soln. No.:	00113
Sequential File No.:	00746		File Date:	06/29/2012		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDWJ S3-0355
Control Solution %:	0.100%				Expires:	12/16/2012
Solution Control Lot:	10L084				Bottle No.:	0453
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or E	ror(s)
Ambient Air Blank		0.000%	23:14D			
Control 1 EC		0.098%	23:14D	33.8°C	*** TEST	PASSED ***
Control 1 IR		0.099%	23:14D	33.8°C	*** TEST ]	PASSED ***
Ambient Air Blank		0.000%	23:15D			
Control 2 EC		0.098%	23:15D	33.8°C	*** TEST	PASSED ***
Control 2 IR		0.099%	23:15D	33.8°C	*** TEST 1	PASSED ***
Ambient Air Blank		0.000%	23:16D			
Control 3 EC		0.098%	23:17D	33.8°C	*** TEST 1	PASSED ***
Control 3 IR		0.099%	23:17D	33.8°C	*** TEST 1	PASSED ***
Ambient Air Blank		0.000%	23:17D			

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.

Changed By:					
Last Name: DIMEGLIO	First Name:	CHRIS			MI: P
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Signature: V& Chil			Date:	06/29/2012	

DEPARTMENT OF  Hublic Safe	
Christopher P. Dimeglio Lawrence Twp:	

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ORIGINAL CO	DURSE DATES
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<b>Equipment</b> Location:	Alcotest 7110 LAWRENCE		E		Serial No.:	ARWF-0359
Calibration File No.:	00736		Calib. Date	: 04/25/2012	Calib. No.:	00015
Certification File No.:	00737		Cert. Date:	04/25/2012	Cert. No.:	00012
Linearity File No.:	00738		Lin. Date:	04/25/2012	Lin. No.:	00012
Solution File No.:	00747		Soln. Date:	07/31/2012	Soln. No.:	00114
Sequential File No.:	00747		File Date:	07/31/2012		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDWJ S3-0355
Control Solution %:	0.100%				Expires:	12/16/2012
Solution Control Lot:	10L084				Bottle No.:	0470
Function		Result	Time	Temperature	Com	ment(s)
Function		Result %BAC	Time HH:MM	Temperature Simulator (°C)		ment(s) ror(s)
Function  Ambient Air Blank				•		
		%BAC	нн:мм	•	or Er	
Ambient Air Blank		%BAC 0.000%	HH:MM 15:39D	Simulator (°C)	or Er	ror(s)
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank		%BAC 0.000% 0.100%	HH:MM 15:39D 15:39D	Simulator (°C) 33.8°C	or Er	ror(s) PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR		%BAC 0.000% 0.100% 0.099%	HH:MM 15:39D 15:39D 15:39D	Simulator (°C) 33.8°C	or Er  *** TEST F  *** TEST F	ror(s) PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.099% 0.000%	HH:MM 15:39D 15:39D 15:39D 15:40D	Simulator (°C) 33.8°C 33.8°C	or Er  *** TEST F  *** TEST F	PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.099% 0.000% 0.099%	HH:MM 15:39D 15:39D 15:39D 15:40D 15:40D	Simulator (°C)  33.8°C  33.8°C	or Er  *** TEST F  *** TEST F	PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC		%BAC 0.000% 0.100% 0.099% 0.000% 0.099% 0.100%	HH:MM 15:39D 15:39D 15:39D 15:40D 15:40D 15:40D	Simulator (°C)  33.8°C  33.8°C	or Er  *** TEST F  *** TEST F  *** TEST F	PASSED *** PASSED *** PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.099% 0.000% 0.100% 0.000%	HH:MM 15:39D 15:39D 15:39D 15:40D 15:40D 15:40D 15:41D	Simulator (°C)  33.8°C  33.8°C  33.8°C	or Er  *** TEST F  *** TEST F  *** TEST F  *** TEST F	PASSED *** PASSED *** PASSED *** PASSED ***

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.

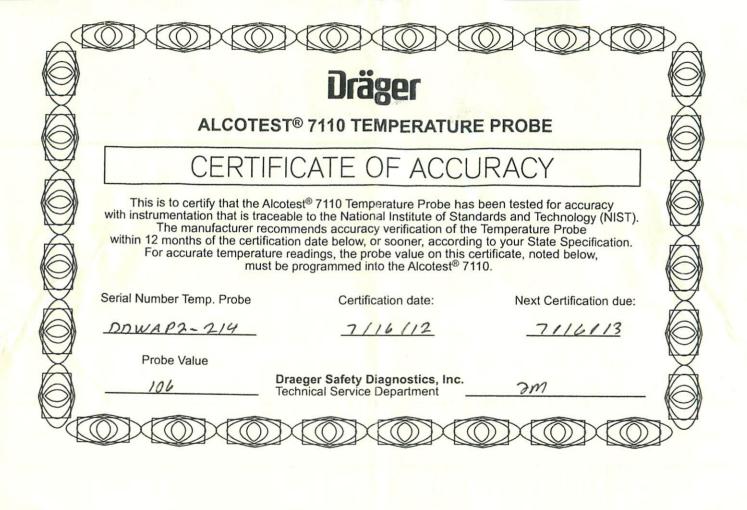
Changed By:				
Last Name: RITTER	First Name: THOMAS			MI: C
- Sum 1/4/1		Badge No.:	0172	
Signature:		Date:	07/31/2012	

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## Dräger

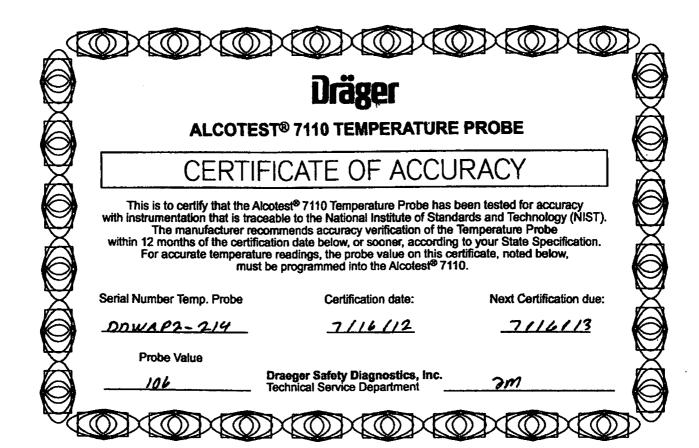
## CERTIFICATE OF ACCURACY

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.

U34	Serial Number:	
	DDWTS3-0356	
Technician	Re-Certification Due Date	
	7/16/13	
	Technician	



Equipment Location:	Alcotest 7110		ur.		Serial No.: ARWF-0359
	LAWRENCE	I WP POLIC			
Calibration File No.:	00736		Calib. Date	: 04/25/2012	Calib. No.: 00015
Certification File No.:	00737		Cert. Date:	04/25/2012	Cert. No.: 00012
Linearity File No.:	00738		Lin. Date:	04/25/2012	Lin. No.: 00012
Solution File No.:	00754		Soln. Date:	09/13/2012	Soln. No.: 00116
Sequential File No.:	00754		File Date:	09/13/2012	
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.: DDWJ S3-0356
Control Solution %:	0.100%				Expires: 12/16/2012
Solution Control Lot:	10L084				Bottle No.: 0469
Function		Result	Time	Temperature	Comment(s)
Function		Result %BAC	Time HH:MM	Temperature Simulator (°C)	- · ·
Function  Ambient Air Blank				•	Comment(s) or Error(s)
		%BAC	HH:MM	•	- · ·
Ambient Air Blank		%BAC 0.000%	HH:MM 11:58D	Simulator (°C)	or Error(s)
Ambient Air Blank Control 1 EC		%BAC 0.000% 0.100%	HH:MM 11:58D 11:59D	Simulator (°C) 34.0°C	or Error(s)  *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR		%BAC 0.000% 0.100% 0.100%	HH:MM 11:58D 11:59D 11:59D	Simulator (°C) 34.0°C	or Error(s)  *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.100% 0.000%	HH:MM 11:58D 11:59D 11:59D 11:59D	Simulator (°C) 34.0°C 34.0°C	or Error(s)  *** TEST PASSED ***  *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		%BAC 0.000% 0.100% 0.100% 0.000% 0.099%	HH:MM 11:58D 11:59D 11:59D 11:59D 12:00D	Simulator (°C)  34.0°C  34.0°C  34.0°C	or Error(s)  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR		%BAC 0.000% 0.100% 0.100% 0.000% 0.099% 0.101%	HH:MM 11:58D 11:59D 11:59D 11:59D 12:00D 12:00D	Simulator (°C)  34.0°C  34.0°C  34.0°C	or Error(s)  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***
Ambient Air Blank Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		%BAC 0.000% 0.100% 0.100% 0.000% 0.099% 0.101% 0.000%	HH:MM 11:58D 11:59D 11:59D 11:59D 12:00D 12:00D 12:01D	Simulator (°C)  34.0°C  34.0°C  34.0°C  34.0°C	or Error(s)  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***  *** TEST PASSED ***

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.

Changed By:		. /				
Last Name: RITTER	1	First Name:	THOMAS			MI: C
	Odram	9/1		Badge No.:	0172	
Signature:	17 Albru			Date:	09/13/2012	

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GIVEN UNDER MY MAND AT TRENTON, NEW JERSEY THIS 25th DAY OF ADT.  ONE THOUSAND NOTE HUNDRED AND 97  Cala Williams  SUPPRINTENDED  ATTORNEY GENERAL STATE OF NEW JERSEY  STATE OF NEW JERSEY	SIVER UNDER MY HAND AT TRENTON HEW RESET PROSECTION OF THE PRODUCT ATTORNEY ODIFICAL STATE OUT OF THE PROSECTION HEW RESET PROSECTION OF THE PRODUCT STATE OUT OF THE PROSECTION HEW RESET STATE OUT OF THE PRODUCT STATE OF THE PROJECT STATE O
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Equipment Location:	Alcotest 7110 LAWRENCE		E		Serial No.:	ARWF-0359
Calibration File No.:	00736		Calib. Date:	: 04/25/2012	Calib. No.:	00015
Certification File No.:	00737		Cert. Date:	04/25/2012	Cert. No.:	00012
Linearity File No.:	00738		Lin. Date:	04/25/2012	Lin. No.:	00012
Solution File No.:	00762		Soln. Date:	10/15/2012	Soln. No.:	00117
Sequential File No.:	00762		File Date:	10/15/2012		
Calibrating Unit:	WET		Model No.:	CU-34	Serial No.:	DDWJ S3-0356
Control Solution %:	0.100%				Expires:	12/16/2012
Solution Control Lot:	10L084				Bottle No.:	0474
Function		Result	Time	Temperature	Com	ment(s)
		%BAC	HH:MM	Simulator (°C)	or Er	ror(s)
		WDAC	1111.141141		O. 2.	(-,
· Ambient Air Blank		0.000%	14:25D		0. 2.	
Ambient Air Blank Control 1 EC				34.0°C		PASSED ***
		0.000%	14:25D		*** TEST I	
Control 1 EC		0.000% 0.101%	14:25D 14:26D	34.0°C	*** TEST I	PASSED ***
Control 1 EC Control 1 IR		0.000% 0.101% 0.100%	14:25D 14:26D 14:26D	34.0°C	*** TEST I *** TEST I	PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank		0.000% 0.101% 0.100% 0.000%	14:25D 14:26D 14:26D 14:27D	34.0°C 34.0°C	*** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC		0.000% 0.101% 0.100% 0.000% 0.099%	14:25D 14:26D 14:26D 14:27D 14:27D	34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank Control 3 EC		0.000% 0.101% 0.100% 0.000% 0.099% 0.101%	14:25D 14:26D 14:26D 14:27D 14:27D 14:27D	34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I	PASSED *** PASSED ***
Control 1 EC Control 1 IR Ambient Air Blank Control 2 EC Control 2 IR Ambient Air Blank		0.000% 0.101% 0.100% 0.000% 0.099% 0.101% 0.000%	14:25D 14:26D 14:26D 14:27D 14:27D 14:27D 14:28D	34.0°C 34.0°C 34.0°C 34.0°C	*** TEST I *** TEST I *** TEST I *** TEST I	PASSED *** PASSED *** PASSED *** PASSED ***

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.

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