05 יולי 2009

התייחסות לדבריו של קצין מדור מכשור מר דוד כתר במסגרת ההליכים בתיק ת 011892/07

אני, הח"מ דר' איליה פוליצ'וק, התבקשתי ע"י עו"ד קולקר בתאריך 05.07.2009 ליתן את התייחסותי לדבריו של קצין מדור מכשור מר דוד כתר בנוגע לחוות המומחים וראיות מטעם ההגנה. אני מצהיר כי ידועים לי היטב הוראות החוק הפלילי בדבר עדות שקר בבית המשפט. דין חוות דעתי זו כשהיא חתומה על ידי כדין עדות בשבועה בבית המשפט.

להלן הפרטים אודות השכלתי המקצועית ואודות עבודתי

השכלה:

2004-2003: לבתר-דוקטורט בתרמודינאמיקה באוניברסיטת מק-גיל, מונטריאל, קנדה.

2003-1999: Ph.D. (Summa Cum Laude) בהנדסה כימית באוניברסיטת בן-גוריון בנגב.

1999-1998: M.Sc. (בהצטיינות) בהנדסה כימית באוניברסיטת בן-גוריון בנגב.

1996-1992: B.Sc. בהנדסה כימית באוניברסיטת בן-גוריון בנגב.

פרסים ומענקים:

2007: זכייה במענק מחקר מטעם הקרן לחקר הנפט של האגודה האמריקאית לכימיה.

2003: מלגת Porjes Charitable Trust

2002: פרס וולף על עבודת מחקר מצטיינת

2001: מענק מטעם הלשכה הגרמנית לחילופי האקדמאים (DAAD)

2001: פרס הצטיינות של חברת אינטל.

2001: פרס טרומבקי על עבודת מחקר מצטיינת.

1999: פרס הצטיינות של המחלקה להנדסה כימית, אוניברסיטת בן-גוריון בנגב.

פרסומים:

יותר מ-30 פרסומים בכתבי-עת הבינלאומיים המובילים כגון:

Journal of Physical Chemistry (B), Physical Chemistry Chemical Physics, Industrial and Engineering Chemistry Research, Chemical Engineering Science, AIChE Journal.

שופט מאמרים ב-8 כתבי-עת בינלאומיים.

תפקיד הנוכחי:

מרצה בכיר במחלקה להנדסה כימית וביוטכנולוגיה של המרכז האוניברסיטאי אריאל. מעביר קורסים:

תרמודינאמיקה 1 (תכונות של חומרים טהורים), תרמודינאמיקה 2 (תכונות של תערובות), קינטיקה ותכנון ריאקטורים וביוריאקטורים, מעבדה לקינטיקה ותכנון ריאקטורים וביוריאקטורים.

בעבר העברתי קורסים: הנדסה 3 (מעבר מסה), הנדסה 4 (תכנון ציוד למעבר מסה), מעבדה להנדסה כימית.

המחקר שלי מתמקד בהערכת התכונות של חומרים ותערובותיהם, פיתוח מודלים לשיווי משקל בין פאזות, תכנון ציוד ומכשור.

חבר באגודה האמריקאית לכימיה.

וזאת התייחסותי:

1. אחת הסוגיות העיקריות שבמחלוקת בין הצדדים נוגעת להגנות המקובלות למניעת שגיאה במדידה עקב נוכחות האלכוהול במערכת הנשימה העליונה (חלל הפה). בניגוד לנאמר, מעולם לא טענתי, לא בחוות דעתי, ולא בעדותי, כי ההמתנה של לפחות 2 דקות בין הנשיפות העוקבות פותרת מצורך להמתין לפחות 15 דקות טרם ביצוע הבדיקה. אין שום ספק קל שבקלים כי יש לבצע את שתי הפעולות הנ"ל גם יחד. זו הפרקטיקה המקובלת בכל העולם, ואינני מכיר אף מדינה או רשות (פרט למדינת ישראל) אשר לא עושים כן. במאמר מוסגר אציין כי עמדתו של ד"ר זוהייש בנוגע לסוגית שתי הדקות נוגדת לא רק את התקן הגרמני, אלה גם את עמדת חברת הדראגר עצמה (החומר הרלוונטי צורף לחוות דעתי הקודמת "הליקוי של נהלי בדיקת השכרות באמצעות המכשיר "דראגר אלקוטסט 7110MK III IL" של משטרת ישראל" כנספח 3).
2. לאותה חוות הדעת מצורף גם כנספח 7 מאמרה של גב' דורוטיה קנופף מהרשות הפדראלית לפיזיקה טכנית של גרמניה, אשר דן בשרשרת העקיבות לבקרת בדיקות הנשיפה בגרמניה. מאמר זה צורף גם כנספח 3 לחוות דעתו של ד"ר זוהייש. המאמר קובע כך:

What has to be secured?

Mouth-alcohol or even residual alcohol in the mouth (e.g. after eating a chocolate filled with alcohol) must not influence the measurement of breath-alcohol.

Resulting requirements according to BGA*

The measurement should only start after a waiting time of at least 20 minutes after drinking. Following a strict protocol, two breath samples (within a time interval of 2 to 5 minutes) have to be analyzed. The resulting difference of the measured ethanol concentration must not exceed 0.02 mg/l**.

עמוד 17.

* - BGA – המכון הפדראלי לבריאות

** - 0.02 mg/l = 20 microgram/l. (ניתן לראות כי ההפרש הנדרש הינו הרבה פחות מ-10%, במיוחד בריכוזים הגבוהים)

3. יצוין כי כפי שמסרתי גם בעדותי, נכון להיום, אף גוף רשמי בעולם איננו פותר את הבעיה באמצעות שימוש בטכנולוגיה לזיהוי וגילוי האלכוהול במערכת הנשימה העליונה, ואת ההסבר לכך ניתן למצוא לא רק בעדותי, אלה גם בעדותו של ד"ר זוהייש עצמו. אומנם האלגוריתם לזיהוי הנ"ל אשר קיים במכשיר הדראגר יכול להיות מועיל במקרים מסוימים, אך בשום פנים ואופן הוא איננו מתיימר לבטל את הצורך בהמתנה של לפחות 2 דקות בין הנשיפות העוקבות.
4. אין זה הולם לייחס משקל לפרט כזה או אחר אשר מופיע בנספח 4 לדבריו של מר כתר, וזאת מפני שמדובר בטיוטה אשר לא רק תרם אושרה, אלה גם אמורה לעבור עוד תיקונים רבים. להתייחסות זו מצורף המסמך הודות התקדמותו של הליך התיקון והאישור של הטיוטה הנ"ל (ראה נספח 1). ניתן לראות כי הליך זה לא אמור להסתיים בקרוב. ובכל זאת, מאחר והטיוטה המדוברת הוגשה לבית המשפט הנכבד, מין הראוי לעיין בה. בנוגע להמתנה של 15 דקות תרם תחילת הבדיקה נאמר כך:

A.3 Delay before measurement

Good measurement practice regardless of technical solutions (A1, A2) is an observation period prior to subject tests of at least 15 min. During this period of time, the subject shall not introduce anything in his mouth to ensure that alcohol has been cleared from the upper respiratory tract.

עמוד 52.

הדרישה לפי סעיף A2 היא לביצוע שתי מדידות בהפרש של שתי דקות, פתרון שאין לו כל תחליף נכון להיום. מן הכתוב עולה בברור שבניגוד לדבריו של מר כתר, ההמתנה של 15 דקות איננה מחליפה את הצורך בהמתנה של שתי דקות בין הנשיפות בשום פנים ואופן.

5. הואיל ומר כתר הגיש לבית המשפט הנכבד אוסף פלטים של המכשיר הישראלי, והזכיר בנשימה אחת את מדינת ניו-ג'רסי, מצאתי לנכון לצרף להתייחסותי זו את החומר המקביל ממדינה זו, אשר קיבלתי באדיבות אחד העמיתים האמריקאים (ראה נספח 2), וזאת על מנת להתרשם עד כמה רחוק המשל מהנמשל.
6. הדף הראשון של החומר החקירה הוא בעצם פועל יוצא של תחקיר פרטי החשוד, פרטי המכשיר וכיולו, ופלט המכשיר. ניתן לראות כי הבדיקה המכונה בארץ "הכיול היומי" מתבצעת בניו-ג'רסי עבור כל נבדק. בניגוד למדינות רבות בארה"ב (למשל אלאבאמה), פעולה זו מתבצעת בניו-ג'רסי בריכוז אחד בלבד. יצוין גם כי את ארבעת התוצאות (אשר בארה"ב ישר מתורגמת ליחידות של הדם) של שני החיישנים (I/R E/C) מתועדות כולן. מיותר לציין כי זמן ההמתנה בין הנשיפות העוקבות עולה על 2 דקות. הדף השני מכיל את הנוסח המדויק של ההסבר אשר ניתן לחשוד לגבי המשמעות של סירוב לבדיקה. אי-מתן הסבר הולם עלול להכשיר את הסירוב מבחינה משפטית.
7. החל מהדף השלישי החומר מתייחס לכיול השנתי, אשר נעשה למכשיר ARWF-0402 בתאריך 18.04.2006. בשלב הראשון נעשה שימוש ביחידת הכיול שמספרה DDWK S3-0410. ראשית כל נעשו שלוש בדיקות עם תמיסת הכיול הראשונה, כאשר קריאות שני החיישנים מתועדות כולן ללא יוצא מן הכלל. בדף הרביעי מתועדות 3 בדיקות נוספות שנעשו באותו יום, אך בשעה אחרת עם תמיסה אחרת בעלת אותו הריכוז (בסך הכול 6 בדיקות הישנות התוצאות בשלב זה). הדף החמשי הינו תעודת המכשיר, הדף השישי הינו תעודת מערכת הכיול, שניהם מאושרים ע"י חברת דראגר, כאשר אישורים אלה תקפים למועד בדיקת החשוד. בדף התשיעי מתועדות עוד 3 בדיקות נוספות, הפעם במערכת כיול השנייה, שמספרה DDWK S3-0405, כאשר אישורה מופיע למעלה. בסך הכול בשלב זה נעשו 9 בדיקות הישנות התוצאות. הדף העשירי עוסק בתיעוד בניית עקומת הכיול ב-3 ריכוזים ו-3 מערכות כיול נוספות. הדף הבא מחזיר אותנו להשלמת בדיקת המערכת DDWK S3-0405 עם עוד 3 בדיקות הישנות התוצאות נוספות ותמיסה אחרת, כאשר בסופו של יום מספר הבדיקות ההישנות מגיע ל-12 וכולן מתועדות למהדרין לגבי שני החיישנים.
8. יצוין כי בארץ מספר בדיקות הישנות התוצאות קטן בצורה בלתי-סבירה, הן כולן באות מאותו הבלון, תיעודן איננו מתבצע כלל, אלא מופיע רק הממוצע. רבות דובר גם אודות אי-בניית עקומת הכיול. העמודים הבאים של חומר החקירה מניו-ג'רסי הינם מסכת תעודות ואישורים של מערכות הכיול אשר שימשו לבניית עקומת הכיול. המסמך מסתיים באישורים של כל התמיסות אשר השתתפו בכיול והם הונפקו ע"י המעבדה הפורנזית המשטרתית (העמודים האחרונים, 23-18). ז"א בניגוד לנעשה בארץ, הסטנדרטים בניו-ג'רסי נבדקים ומאושרים ע"י המדינה המאשימה.

מסקנות.

המסמך OIML R126 אשר הוגש לבית המשפט הנכבד משקף את מציאות בעולם כולו, קרי המתנה של 2 דקות או יותר בין הנשיפות העוקבות. הכתוב בטיוטה החדשה שבדיונים, עומד בסתירה לנאמר בגוף ההתייחסות של מר כתר. לאור המסמך מניו-ג'רסי אשר מצורף להלן, כמו גם לאור אינספור מסמכים אחרים ממדינות רבות, אשר כבר הוגשו לבית המשפט הנכבד בהזדמנויות השונות, לא ניתן להסכים עם קביעתו של מר כתר כי משטרת ישראל אימצה "שיטת עבודה מוכרת ומקובלת בעולם המדע". <u>אי-ביצוע בדיקת הסטנדרטים המשמשים את הכיול, אי-בניית עקומת הכיול ואי-המתנה של לפחות 2 דקות בין הנשיפות העוקבות משמתים חוליות מרכזיות בשרשרת העקיבות של הליכי הכיול ובקרת בדיקות הנשיפה עצמן, ולכן מרוקנים מתוכן את ערכם הראייתי.</u>

התייחסותי זו ניתנת על ידי לשם הגשתה כראיה לבית המשפט, והריני מצהיר בזאת כי ידוע לי היטב, שלענין הוראות החוק הפלילי בדבר עדות שקר בשבועה,דין חוות דעת זו כשהיא חתומה על ידי כדין עדות בשבועה שנתתי בבית המשפט.

תאריך 05/07/2009 חתימה _____

נספח 1

LNE
Le progrès, une passion à partager

BIML
Régine GAUCHER
BIML Contact for OIML TC 17/SC 7
11 rue Turgot
75009 PARIS

Paris, August 27th, 2008

Our ref: DDC/CIM/08/2223/EM

Subject: Revision of OIML R126 *Evidential breath analyzers*

Dear Ms. Gaucher,

As the person responsible for the Secretariat of OIML TC 17/SC 7, I would like to inform you of the progress of this Subcommittee concerning the revision of OIML R 126 which started several years ago.

OIML TC 17/SC 7 held a meeting from 17 to 18 June in Paris, the aim of which was to discuss some of the critical comments identified within those received from TC 17/SC 7 Members on the third Committee Draft (3CD).

Within these critical issues to be discussed, the key points were the clarification of the scope, the metrological requirements and the influence factors tests.

To support the meeting discussions, a 4CD was drawn up to include changes suggested by TC 17/SC 7 which were automatically accepted by the Secretariat.

The next step is to draw up a 5CD based on the 4CD and on the conclusions of the meeting, to be distributed for comments, and possibly voting in December 2008.

Unfortunately, considering the conclusions of the meeting, it appears that there are still some important points which need to be discussed. In particular, the influence factors test, on which we did not reach any consensus at the meeting. Consequently, participants in the meeting indicated that holding an additional meeting in 2009 would be necessary to reach a better agreement between experts of the various countries.

The conclusions of this additional meeting should lead to drawing up a 6CD, which would then be definitively submitted for voting within TC 17/SC 7. A Draft Recommendation could be expected in 2010 to be submitted for CIML approval.

We are aware that the work progress does not concur with the expected time schedule and the deadline indicated in the OIML Directives for the Technical Work, but we count on your understanding taking into account this sensitive field of measuring instruments and the different approaches implemented by the various countries.

Best regards,

E. Moën

Estelle Moëns
OIML TC 17/SC 7 Secretariat

נספח 2

ALCOHOL INFLUENCE REPORT FORM, ALCOTEST 7110 MKIII-C
MULLICA TOWNSHIP POLICE

Department Case No.: 2007-12346
Summons No(s): 140378
Sequential File No.: 00044

Subject

Last Name: WHITEHEAD
First Name: RENEE
MI: A
D.O.B.: 07/12/1959 Age: 47
Gender: FEMALE
Ht: 5 ft. 09 in.
Wt: 190 lbs.
Driver License Number: W35166476157594
Issuing State: NJ

Arresting Officer

Last Name: MCRAE
First Name: ROBERT
MI: L
Badge No.: 22
Arrest Date: 02/26/2007
Arrest Time: 01:33S
Arrest Location: 0112

Instrument

Alcotest 7110 MKIII-C
Location: MULLICA TOWNSHIP POLICE
Serial No.: ARWF-0402

Calibration File No.:	00003	Calib. Date: 04/18/2006	Calib. No.: 00002
Certification File No.:	00004	Cert. Date: 04/18/2006	Cert. No.: 00001
Linearity File No.:	00005	Lin. Date: 04/18/2006	Lin. No.: 00001
Solution File No.:	00042	Soln. Date: 02/02/2007	Soln. No.: 00017
Sequential File No.:	00044	File Date: 02/26/2007	

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDWK S3-0410
Control Solution %:	0.100%		Expires: 03/03/2008
Solution Control Lot:	06C027		Bottle No.: 0769

Breath Test Information

Date of Test: 02/26/2007

Function	Result %BAC	Time HH:MM	Volume (L)	Duration Sec (s)	Temp. Sim.(°C)	Error Message
Ambient Air Blank	0.000%	03:03S				
Control Test 1					33.9°C	
EC Result	0.101%	03:04S				
IR Result	0.099%	03:04S				
Ambient Air Blank	0.000%	03:05S				
Breath Test 1			2.5L	16.6s		
EC Result	0.165%	03:06S				
IR Result	0.165%	03:06S				
Ambient Air Blank	0.000%	03:07S				
Breath Test 2			3.0L	20.5s		
EC Result	0.169%	03:09S				
IR Result	0.169%	03:09S				
Ambient Air Blank	0.000%	03:10S				
Control Test 2					33.9°C	
EC Result	0.099%	03:10S				
IR Result	0.098%	03:10S				
Ambient Air Blank	0.000%	03:11S				

REPORTED BREATH TEST RESULT: 0.16% BAC

Breath Test Operator

Last Name: MCRAE
First Name: ROBERT
MI: L
Badge No.: 22
Signature: _____
Date: 02/26/2007

Copy Given to Subject

(36) ARRESTING OFFICER MUST READ THE FOLLOWING TO THE DEFENDANT: I have probable cause to believe you have operated a motor vehicle while under the influence of intoxicating liquor or drugs. Therefore, I inform you that:

1. You have been arrested for operating a motor vehicle while under the influence of intoxicating liquor or drugs. .
2. You are required by law, *N.J.S.A.* 39:4-50.2, to submit to the taking of samples of your breath for the purpose of conducting chemical tests to determine the content of alcohol in your blood.
3. A record of the taking of the samples, including the date, time and results, will be made and, upon your request, a copy of that record will be made available to you.
4. The warnings previously given to you concerning your right to remain silent and right to consult with an attorney do not apply to the taking of breath samples and do not give you the right to refuse to give, or to delay giving, samples of your breath for the purpose of conducting chemical tests to determine the content of alcohol in your blood. You have no legal right to have an attorney, physician, or anyone else present, for the purpose of taking the breath samples. If you refuse to give the required breath samples, your refusal will be used against you on a charge of refusing to submit to breath tests, a violation of *N.J.S.A.* 39:4-50.2.
5. After you have provided samples of your breath for chemical testing, you have the right to have a person or physician of your own selection and at your own expense, take independent samples and conduct independent chemical tests of your breath, urine or blood.
6. If you refuse to provide samples of your breath for the purpose of conducting chemical tests to determine the content of alcohol in your blood, you will be issued a separate summons charging you with a violation of *N.J.S.A.* 39:4-50.2 in addition to any summons issued to you for operating a motor vehicle while under the influence of intoxicating liquor or drugs.
7. If a court of law finds you guilty of refusing to submit to chemical tests of your breath, then according to *N.J.S.A.* 39:4-50.4a you will be fined a sum not less than $250.00 or more than $500.00 and your right to operate a motor vehicle shall be revoked by the court for six (6) months. However, if your refusual is in connection with a subsequent offense under this section, your current refusual conviction will subject you to a fine of not less than $250.00 or more than $500.00 and your right to operate a motor vehicle shall be revoked by the court for two (2) years.
8. Revocation for refusing to submit to chemical tests of your breath is a separate offense and will run consecutively and in addition to any revocation imposed for operating a motor vehicle while under the influence of intoxicating liquor or drugs.
9. In addition, if you are found guilty and your right to operate a motor vehicle is revoked for refusing to submit to chemical tests of your breath, you must satisfy the requirements of a program of alcohol education or rehabilitation.
10. I repeat, you are required by law to submit to the taking of samples of your breath for purposes of conducting chemical tests to determine the content of alcohol in your blood. **Now, will you submit the samples of your breath?**

Answer: "yes" .

IF THE DEFENDANT REMAINS SILENT OR STATES THAT HE/SHE REFUSES TO ANSWER ON THE GROUNDS THAT HE/SHE HAS A RIGHT TO REMAIN SILENT OR THAT HE/SHE FIRST WISHES TO CONSULT AN ATTORNEY, PHYSICIAN OR OTHER PERSON, THE ARRESTING OFFICER SHALL READ THE FOLLOWING:

I have previously informed you that the warnings given to you concerning your right to remain silent and right to consult with an attorney do not apply to the taking of breath samples and do not give you a right to refuse to give, or to delay giving, samples of your breath for purposes of conducting chemical tests to determine the content of alcohol in your blood. If you either (1) do not respond to my question about submitting breath samples, or (2) tell me that you refuse to answer this question because you have a right to remain silent or first wish to consult with an attorney, physician or any other person, or (3) tell me that you will not submit breath samples because you have a right to remain silent or first wish to consult with an attorney, physician or any other person, you will be charged with refusing to submit to breath tests, a violation of *N.J.S.A.* 39:4-50.2.

Once again, I ask you, will you submit to giving samples of your breath?Answer: _____

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARWF-0402

Location: MULLICA TOWNSHIP POLICE

Calibration File No.:	00003	Calib. Date:	04/18/2006	Calib. No.:	00002
Certification File No.:	00004	Cert. Date:	04/18/2006	Cert. No.:	00001
Linearity File No.:	00005	Lin. Date:	04/18/2006	Lin. No.:	00001
Solution File No.:	00042	Soln. Date:	02/02/2007	Soln. No.:	00017
Sequential File No.:	00042	File Date:	02/02/2007		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWK S3-0410
Control Solution %:	0.100%			Expires:	03/03/2008
Solution Control Lot:	06C027			Bottle No.:	0769

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:15S		
Control 1 EC	0.101%	09:16S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.102%	09:16S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:17S		
Control 2 EC	0.100%	09:17S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18S		
Control 3 EC	0.100%	09:19S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:19S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:20S		

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: ZECK First Name: BRIAN MI: J

Signature: 

Badge No.: 219

Date: 02/02/2007

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARWF-0402
Location: MULLICA TOWNSHIP POLICE

Calibration File No.:	00003	Calib. Date:	04/18/2006	Calib. No.:	00002
Certification File No.:	00004	Cert. Date:	04/18/2006	Cert. No.:	00001
Linearity File No.:	00005	Lin. Date:	04/18/2006	Lin. No.:	00001
Solution File No.:	00040	Soln. Date:	01/05/2007	Soln. No.:	00016
Sequential File No.:	00040	File Date:	01/05/2007		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWK S3-0410
Control Solution %:	0.100%			Expires:	03/03/2008
Solution Control Lot:	06C027			Bottle No.:	0767

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:17S		
Control 1 EC	0.101%	14:17S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:18S		
Control 2 EC	0.100%	14:19S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	14:19S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:19S		
Control 3 EC	0.099%	14:20S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:20S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:21S		

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: ZECK First Name: BRIAN MI: J

Signature: _____ Badge No.: 219

Date: 01/05/2007

Dräger safety

Alcotest® 7110 MKIII-C

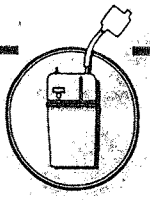
CERTIFICATE OF ACCURACY

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: 09/28/2005

SERIAL NUMBER: ARWF-0402

Draeger Safety Diagnostics, Inc.
Durango, CO



Dräger safety

CERTIFICATE OF ACCURACY

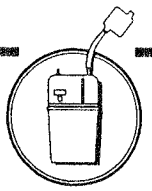
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

- (✓) Model: ALCOTEST® CU34
- ( ) Model: MARK IIA
- ( ) Other: _____

Serial Number: DDWK 53-0410

Certification Date	Technician	Re-Certification Due Date
SEP 13 2006	D Blackwell	SEP 13 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 IIA
- ( ) Other: _____

Serial Number: DDWK 53-0405

Certification Date	Technician	Re-Certification Due Date
SEPT. 29, 2005	DB	SEPT. 29, 2006

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:
DDWJPZ-033	10/27/2005	10/27/2006

Probe Value: 102

Draeger Safety Diagnostics, Inc.
Technical Service Department

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:
DDWJPZ-034	09/13/2006	09/13/2007

Probe Value: 100

Draeger Safety Diagnostics, Inc.
Technical Service Department

DEPARTMENT OF

Law and Public Safety

This is to certify that

ADAM N. STANKS

NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MKIIIC A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 14th DAY OF December TWO THOUSAND AND FOUR

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

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

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

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0402

Location: MULLICA TOWNSHIP POLICE

Calibration File No.:	00003	Calib. Date:	04/18/2006	Calib. No.:	00002
Certification File No.:	00004	Cert. Date:	04/18/2006	Cert. No.:	00001
Linearity File No.:	00000	Lin. Date:	--/--/----	Lin. No.:	00000
Solution File No.:	00002	Soln. Date:	09/27/2005	Soln. No.:	00001
Sequential File No.:	00004	File Date:	04/18/2006		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWK S3-0405
Control Solution %:	0.100%			Expires:	11/29/2007
Solution Control Lot:	05K021			Bottle No.:	0255

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:57D		
Control 1 EC	0.099%	11:58D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	11:58D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:58D		
Control 2 EC	0.098%	11:59D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	11:59D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:00D		
Control 3 EC	0.098%	12:00D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	12:00D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:01D		

All tests within acceptable tolerance.

Coordinator

Last Name: STANKS First Name: ADAM MI: N

Signature: TPR. I Adam N Stanks #5403 Badge No.: 5403

Date: 04/18/2006

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.: ARWF-0402

Location: MULLICA TOWNSHIP POLICE

Calibration File No.:	00003	Calib. Date:	04/18/2006	Calib. No.:	00002
Certification File No.:	00004	Cert. Date:	04/18/2006	Cert. No.:	00001
Linearity File No.:	00005	Lin. Date:	04/18/2006	Lin. No.:	00001
Solution File No.:	00002	Soln. Date:	09/27/2005	Soln. No.:	00001
Sequential File No.:	00005	File Date:	04/18/2006		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0196
Control Solution %:	0.040%			Expires:	03/09/2007
Solution Control Lot:	05C015			Bottle No.:	0074
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0203
Control Solution %:	0.080%			Expires:	06/08/2006
Solution Control Lot:	04F007			Bottle No.:	0059
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWE S3-0205
Control Solution %:	0.160%			Expires:	02/25/2008
Solution Control Lot:	06B025			Bottle No.:	0045

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:24D		
Control 1 EC	0.039%	12:25D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.038%	12:25D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:26D		
Control 2 EC	0.039%	12:27D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.039%	12:27D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:28D		
Control 3 EC	0.077%	12:29D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.078%	12:29D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:30D		
Control 4 EC	0.077%	12:31D	33.9°C	*** TEST PASSED ***
Control 4 IR	0.077%	12:31D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:32D		
Control 5 EC	0.156%	12:33D	33.9°C	*** TEST PASSED ***
Control 5 IR	0.158%	12:33D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:34D		
Control 6 EC	0.156%	12:35D	33.9°C	*** TEST PASSED ***
Control 6 IR	0.158%	12:35D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:36D		

All tests within acceptable tolerance.

Coordinator

Last Name: STANKS First Name: ADAM MI: N

Signature: TPR. I Adam N. Stanks #5403 Badge No.: 5403

Date: 04/18/2006

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARWF-0402
Location: MULLICA TOWNSHIP POLICE

Calibration File No.:	00003	Calib. Date:	04/18/2006	Calib. No.:	00002
Certification File No.:	00004	Cert. Date:	04/18/2006	Cert. No.:	00001
Linearity File No.:	00005	Lin. Date:	04/18/2006	Lin. No.:	00001
Solution File No.:	00006	Soln. Date:	04/18/2006	Soln. No.:	00002
Sequential File No.:	00006	File Date:	04/18/2006		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDWK S3-0405
Control Solution %: 0.100% — ~~Expires: 02/10/2008~~
Solution Control Lot: 06B023 — Bottle No.: 0104

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	14:19D		
Control 1 EC	0.100%	14:20D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	14:20D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:20D		
Control 2 EC	0.099%	14:21D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:21D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:22D		
Control 3 EC	0.099%	14:22D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:22D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:23D		

All tests within acceptable tolerance.

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

TEMPERATURE PROBE SERIAL NUMBER: DDWJP2-033 ams

Changed By:
Last Name: STANKS — First Name: ADAM — MI: N

Signature: TPR I Adam N Stanks #5403 — Badge No.: 5403
Date: 04/18/2006

Alcotest 7110 Calibration Record

Equipment
Location: Alcotest 7110 MKIII-C
MULLICA TOWNSHIP POLICE
Serial No.: ARWF-0402

Calibration File No.: 00003
Certification File No.: 00000
Linearity File No.: 00000
Solution File No.: 00002
Sequential File No.: 00003

Calib. Date: 04/18/2006
Cert. Date: --/--/----
Lin. Date: --/--/----
Soln. Date: 09/27/2005
File Date: 04/18/2006

Calib. No.: 00002
Cert. No.: 00000
Lin. No.: 00000
Soln. No.: 00001

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 05K021

Model No.: CU-34

Serial No.: DDWK S3-0405
Expires: 11/29/2007
Bottle No.: 0255

Coordinator
Last Name: STANKS
First Name: ADAM
MI: N

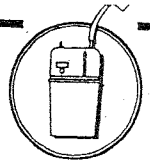
Signature: TPR I Adam M Stanks #5403
Badge No.: 5403
Date: 04/18/2006

BLACK KEY TEMPERATURE PROBE SERIAL NUMBER: DDUNPZ-235 ams

ERTCO-HART DIGITAL TEMPERATURE MEASURING SYSTEM

SERIAL NUMBER: A18522 ams

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



Dräger safety

CERTIFICATE OF ACCURACY

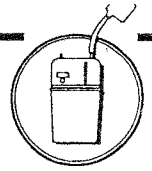
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDWE 53-0196

Certification Date	Technician	Re-Certification Due Date
MAR 0 9 2006	DB	MAR 0 9 2007



Dräger safety

CERTIFICATE OF ACCURACY

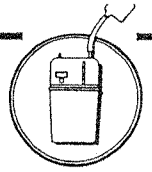
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDWE 53-0203

Certification Date	Technician	Re-Certification Due Date
MAR 0 9 2006	DB	MAR 0 9 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 IIA
- ○ Other: _____

Serial Number: DDWE 53-0205

Certification Date	Technician	Re-Certification Due Date
MAR 0 9 2006	DB	MAR 0 9 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:
DDUN92-235	03/09/2006	03/09/2007

Probe Value

102

Draeger Safety Diagnostics, Inc.
Technical Service Department

Dräger safety

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: A18522

Probe Serial Number: SS7904

Certification Date: 02/28/2006

Next Certification Due: 02/28/2007

At 34.00 °C digital unit displays 33.98 °C

Draeger Safety Diagnostics, Inc. Technician: Curt Daly

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

JON S. CORZINE
Governor

ZULIMA V. FARBER
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: Drager Safety, Inc. **ANALYSIS DATE:** 3/29/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06C027

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1201 to 0.1206 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 March 3, 2008.

As Forensic Laboratory Director 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 26th day of April, 2006.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

JON S. CORZINE
Governor

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

ZULIMA V. FARBER
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: Drager Safety, Inc. **ANALYSIS DATE:** 3/17/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06B025

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1916 to 0.1929 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 25, 2008.

As Forensic Laboratory Director 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 10th day of April, 2006.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

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RICHARD J. CODEY
Acting Governor

PETER C. HARVEY
Attorney General

COLONEL JOSEPH R. PUENTES
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: Drager Safety, Inc. **ANALYSIS DATE:** 12/12/05

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 05K021

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1208 to 0.1210 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 November 29, 2007.

As Forensic Laboratory Director 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 28th day of December, 2005.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

HONOR STATE DUTY FIDELITY

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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Acting Governor

PETER C. HARVEY
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: 4/18/05

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 05C015

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0483 to 0.0484 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 March 9, 2007.

As Forensic Laboratory Director 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 14th day of June, 2005.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

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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: 4/18/05

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 04F007

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0958 to 0.0963 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 8, 2006.

As Forensic Laboratory Director 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 14th day of June, 2005.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

HONOR STATE POLICE NJ DUTY FIDELITY

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ZULIMA V. FARBER
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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: Drager Safety, Inc. ANALYSIS DATE: 3/02/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06B023

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1214 to 0.1218 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-3.4, 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 10, 2008.

As Forensic Laboratory Director 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 16th day of March, 2006.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009