## Beating Breath and Blood Tests Through the Officer

THE THIESSEN LAW FIRM
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April 2, 2022

# THE GOOD 'OL DAYS (1990-20??s)





## INTOXILYZER 5000(EN)

- SIMULATOR SOLUTION TEMPERATURE
  - > 34°Celsius ± .2

- I5 MINUTE WAITING PERIOD
  - > Texas Administrative Code Title 37; Rule 19.3

## INTOXILYZER 5000(EN)

- I accidentally combined Fahrenheit and milliliters
  - FmL

- My son asked me if I enjoyed reading Fahrenheit 451...
  - I said, "It's pretty lit."



## INTOXILYZER 5000(EN)

- SIMULATOR SOLUTION TEMPERATURE
  - > 34°Celsius ± .2

- I5 MINUTE WAITING PERIOD
  - > Texas Administrative Code Title 37; Rule 19.3

### TEXAS ADMIN CODE § 19.03

- (a) All breath alcohol testing techniques and methods shall meet, but not be limited to, the requirements as detailed in this subsection:
- > (1) a period during which an operator is required to remain in the presence of the subject. An operator shall remain in the continuous presence of the subject at least 15 minutes immediately before the test and should exercise reasonable care to ensure that the subject does not place any substances in the mouth. Direct observation is not necessary to ensure the accuracy of the test result;

## THE NOW (2022)



# FIFTEN MINUTE VIOLATION





**Report Number:** 1303004547

Analytical Instrument: Intoxilyzer 9000

Serial Number: 90-001303

Date: 09/04/2020

Location: HPD JPC 1
Technical Supervisor Area: 003

Subject Name: MALDONADO, FRANKLIN

Date of Birth: 08/29/1986

Subject Result 1: 0.148 g/210 L Subject Result 2: 0.146 g/210 L

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Sequence of Analysis		
Operational System Check	OK	01:59 CDT
Air Blank	0.000	01:59 CDT
Cal Verification	0.074	02:00 CDT
Solution Temp.	34.00°C	
Air Blank	0.000	02:00 CDT
SUBJECT RESULT 1	0.148	02:01 CDT
Air Blank	0.000	02:02 CDT
Air Blank	0.000	02:03 CDT
SUBJECT RESULT 2	0.146	02:04 CDT
	0.000	02:05 CDT
Air Blank	0.073	02:05 CDT
Cal Verification	34.00°C	
Solution Temp.	0.000	02:06 CDT
Air Blank	T	02:06 CDT
Operational System Check	OK	02.00 CD1
▌ : - ^^;;; ^~~; 전봇 (전환 ) [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [		이 나는 사람이는 항상을 하는다.

Test Complete 09/04/2020

Operator Signature: \_\_

Fifteen minute waiting period completed - YES Operator Name: ALBINO, JORGE

Certificate Number: 26125

All air blank results must be 0.000 Subject results 1 and 2 must not differ by more than 0.020 g/210L. Calibration verification results acceptable range: 0.070 - 0.090 g/210L. Reference sample solution temperature acceptable range: 33.80 - 34.20°C.

## 

Report 2E Date: Tuesday, October 5, 2021

Record Count: 391

Rec ID#	Test Start	Report #	Location	Rslt.	Except (0 = None)	Subj Last Name	Subj DOB TS	Operator	O Cert
1037245	9/14/2020 4:30:53 AM	1303004637	HPD JPC 1		Diagnostic Failure	FONSECA	03/06/1993 00	3 VARNER	26281
1037244	9/14/2020 4:05:41 AM	1303004636	HPD JPC 1	0.214	0	REYES	03/14/1998 00	3 VARNER	26281
1037243	9/14/2020 3:09:56 AM	1303004635	HPD JPC 1	0.168	0	MENGUE	01/03/1986 00	3 VARNER	26281
1037242	9/14/2020 2:10:09 AM	1303004634	HPD JPC 1	0.230	0	CANTARERO-MELENDE	08/29/1986 00	3 LOTT	26271
1037241	9/14/2020 2:03:37 AM	1303004633	HPD JPC 1	, 201	Unacceptable Sam	CANTARERO-MELENDE	08/29/1986 00	3 LOTT	26271
1037240	9/14/2020 12:52:09 AM	1303004632	HPD JPC 1	0.128	0	GONZALEZ	04/17/1983 00	3 VARNER	26281
1037239	9/13/2020 8:18:24 PM	1303004631	HPD JPC 1	0.171	0	SOLIS MONTIEL	11/18/1992 00	3 SKELTON	24535
1037238	9/13/2020 7:51:13 PM	1303004630	HPD JPC 1	0.201	0	ROMAN OCAMPO	07/14/1959 00	3 SKELTON	24535
1036690	9/13/2020 7:49:15 AM	1303004629	HPD JPC 1	0.114	0	ALVAREZ	01/15/1997 00	3 MITCHELL	26273
1036689	9/13/2020 3:36:05 AM	1303004628	HPD JPC 1	0.170	0 .	GONZALEZ	01/25/1980 00	3 NASH	28086
1036688	9/13/2020 3:02:27 AM	1303004627	HPD JPC 1	0.184	0	OROZCO HERNANDEZ	01/20/1986 00	3 ALEXANDER	26263
1036687	9/13/2020 2:30:44 AM	1303004626	HPD JPC 1	0,132	0	CARTER	04/05/1978 00	3 CHAVEZ	27993
1036686	9/13/2020 12:44:53 AM	1303004625	HPD JPC 1	0.062	0	GONZALEZ	03/08/1994 00	3 MARTINEZ	28084
1036685	9/13/2020 12:26:10 AM	1303004624	HPD JPC 1	0.212	0	THOMAS	01/20/1989 00	3 VARNER	26281
1036684	9/13/2020 12:20:01 AM	1303004623	HPD JPC 1	251	Unacceptable Sam	THOMAS	01/20/1989 00	3 VARNER	26281
1036683	9/12/2020 10:22:48 PM	1303004622	HPD JPC 1	0.117	0	INGRAM	03/07/1965 00	3 SOLIS	28964
1036682	9/12/2020 9:17:30 PM	1303004621	HPD JPC 1	0.137	0	REYES	06/20/1961 00	3 VARNER	26281
1036681	9/12/2020 2:40:09 PM	1303004620	HPD JPC 1	0.252	0	MEJIA	08/31/1983 00	3 SKELTON	24535
1035992	9/12/2020 9:02:38 AM	1303004619	HPD JPC 1		Unacceptable Sam	MARTINEZ	12/27/1999 00	3 MITCHELL	26273
1035991	9/12/2020 8:57:18 AM	1303004618	HPD JPC 1		Unacceptable Sam	MARTINEZ	12/27/1999 00	3 MITCHELL	26273
1035990	9/12/2020 8:03:35 AM	1303004617	HPD JPC 1	0.121	0	FUENTES	08/22/1984 00	3 MITCHELL	26273
1035989	9/12/2020 6:43:33 AM	1303004616	HPD JPC 1	0.154	0	BOYD	09/07/1996 00	3 TAYLOR	29226
1035988	9/12/2020 6:33:26 AM	1303004615	HPD JPC 1	0.122	0	RIVERA	09/14/1987 00	3 VANCE	26280
1035987	9/12/2020 5:24:43 AM	1303004614	HPD JPC 1		Unacceptable Sam	JUAN PABLO	06/24/1994 00	3 ALEXANDER	26263



Rec ID#	Test Start	Report #	Location	Rslt.	Except (0 = None)	Subj Last Name	Subj DOB TS	Operator	O Cert
1030438	9/5/2020 2:48:26 AM	1303004557	HPD JPC 1	0.091	0	MENDOZA	06/02/1991 003	OSBORNE	26275
1030437	9/5/2020 1:48:40 AM	1303004556	HPD JPC 1	0.108	0	SALGADO MORALES	11/16/1974 003	GARCIA	19556
1030436	9/5/2020 1:21:08 AM	1303004555	HPD JPC 1	0.140	0	PIPER	09/25/1989 003	GUIDRY	26647
1030435	9/5/2020 12:25:26 AM	1303004554	HPD JPC 1	0.113	0	DIAZ	02/25/1980 003	VANCE	26280
1030434	9/4/2020 11:41:15 PM	1303004553	HPD JPC 1		Test Sequence Abo	OKESOLA	07/01/1988 003	VANCE	26280
1030433	9/4/2020 10:16:56 PM	1303004552	HPD JPC 1	0.057	0	BARRERA	02/17/1968 003	VANCE	26280
1030432	9/4/2020 9:20:05 PM	1303004551	HPD JPC 1	0.146	0	AGUILAR	05/05/1982 003	OSBORNE	26275
1029667	9/4/2020 4:22:48 AM	1303004550	HPD JPC 1	0.156	0	PARADA	07/29/1990 003	CIRLOS	29260
1029666	9/4/2020 3:45:45 AM	1303004549	HPD JPC 1		Deficient Sample	MCNEIL	10/08/1984 003	RAMOS	29221
1029665	9/4/2020 2:58:44 AM	1303004548	HPD JPC 1	0.105	0	ROBERTS	06/05/1991 003	FINGER	29214
1029664	₹9/4/2020 1:55:37 AM	1303004547	HPD JPC 1	0.146	0	MALDONADO	08/29/1986 003	ALBINO	26125
2929663	≠ 9/3/2020 1 <mark>1:50:16 PM</mark>	1303004546	HPD JPC 1		Calibration Check	ROMERO	07/12/1997 003	VINCENT	28000
1028506		1303004545	HPD JPC 1	0.197	0	ORTIZ VIVAR	02/08/1994 003	MITCHELL	26273
1028505	↑ 9/3/2020 8:54:15 AM	1303004544	HPD JPC 1	,222	Unacceptable Sam	ORTIZ VIVAR	02/08/1994 003	MITCHELL	26273
1028504	9/3/2020 7:36:21 AM	1303004543	HPD JPC 1	0.184	0	TIAN TZOC	06/26/1999 003	MITCHELL	26273
1028503	9/3/2020 4:51:54 AM	1303004542	HPD JPC 1	0.000	D	HERNANDEZ	05/01/2000 003	STANLEY	17847
1028502	9/3/2020 4:22:15 AM	1303004541	HPD JPC 1	0.013	0	DAVIS	12/04/1981 003	VANCE	26280
1028501	9/3/2020 1:09:49 AM	1303004540	HPD JPC 1	0.099	0	SCOTT	03/13/1986 003	ALEXANDER	26263
1028500	9/3/2020 12:45:21 AM	1303004539	HPD JPC 1	0.094	0	HERNANDEZ GALDAME	09/27/1987 003	TRAN	25623
1028499	9/2/2020 11:56:40 PM	1303004538	HPD JPC 1	0.117	0	VEGA	02/16/1989 003	VEGA	23641
1028498	9/2/2020 10:37:14 PM	1303004537	HPD JPC 1	0.191	0	DOMINGUEZ	04/27/1988 003	REID	29222
1028497	9/2/2020 9:45:49 PM	1303004536	HPD JPC 1		Deficient Sample	FATARDO	03/29/1961 003	VANCE	26280
1028496	9/2/2020 9:38:16 PM	1303004535	HPD JPC 1		Unacceptable Sam	FATARDO	03/29/1961 003	VANCE	26280
1028495	9/2/2020 4:38:17 PM	1303004534	HPD JPC 1	0.207	0	JUAREZ OCHOA	04/06/1984 003	SKELTON	24535
1027496	9/2/2020 2:59:50 AM	1303004533	HPD JPC 1	0.105	0	RODRIGUEZ-TORRES	05/04/1988 003	VARNER	26281
1027495	9/2/2020 2:19:28 AM	1303004532	HPD JPC 1	0.144	0	REYES	03/01/1993 003	VARNER	26281
1027494	9/1/2020 12:29:17 PM	1303004531	HPD JPC 1	0.000	0	PRACTICE TEST	09/01/2020 003	COTTER	14445
1027493	9/1/2020 12:20:02 PM	1303004530	HPD JPC 1	0.000	0	PRACTICE TEST	09/01/2020 003	COTTER	14445

Page 4 of 15

#### Subject Test Log - Intoxilyzer 9000 - Serial No. <u>90-001303</u>

Test Start Date: 8/5/2020 12:00:00 AM - 10/4/2020 11:59:59 PM

Report Date : Tuesday, October 5, 2021

				Pa	ge 1 of 131
Analytical Repo		Testing Locat	ion	Operator Last Name	Cert #
1303004247	8/5/2020 3:13:23 AM	HPD JPC 1		VARNER	26281
Step #	Result Type	Value	Result Time	Result Exception (0 = None)	
0	Operational System Check	0.000	03:14:12	0	
1	Air Blank	0.000	03:14:37	0	
2	Calibration Verification	0.074	03:15:03	0	
3	Solution Temp.	34.01	03:15:03	0	
4	Air Blank	0.000	03:15:43	0	
5	SUBJECT RESULT	0.187	03:17:29	0	
6	Air Blank	0.000	03:18:24	0	
7	Air Blank	0.000	03:20:04	0	
8	SUBJECT RESULT	0.174	03:20:26	0	
9	Air Blank	0.000	03:21:20	0	
10	Calibration Verification	0.073	03:21:47	0	
11	Solution Temp.	34.01	03:21:47	0	
12	Air Blank	0.000	03:22:27	0	
13	Operational System Check	0.000	03:22:31	0	
Analytical Repo	rt # Test Start Date	Testing Locat	ion	Operator Last Name	Cert #
1303004248	8/5/2020 6:13:10 AM	HPD JPC 1		VARNER	26281
Step #	Result Type	Value	Result Time	Result Exception (0 = None)	
0	Operational System Check	0.000	06:14:05	0	
1	Air Blank	0.000	06:14:30	0	
2	Calibration Verification	0.075	06:14:57	0	
3	Solution Temp.	34.01	06:14:57	0	
4	Air Blank	0.000	06:15:37	0	
5	SUBJECT RESULT	0.156	06:17:17	0	
6	Air Blank	0.000	06:18:14	0	
7	Air Blank	0.000	06:19:55	0	
8	SUBJECT RESULT		06:23:05	Deficient Sample	
9	Air Blank	0.000	06:23:57	0	
10	Operational System Check	0.000	06:24:01	0	
Analytical Repo		Testing Locat	ion	Operator Last Name	Cert #
1303004249	8/5/2020 2:22:15 PM	HPD JPC 1		ROGERS	679
Step #	Result Type	Value	Result Time	Result Exception (0 = None)	
0	Operational System Check	0.000	14:26:25	0	
1	Air Blank	0.000	14:26:51	0	
2	Calibration Verification	0.077	14:27:18	0	
3	Solution Temp.	34.00	14:27:18	0	
4	Air Blank	0.000	14:27:58	0	
5	SUBJECT RESULT	0.000	14:28:36	0	
6	Air Blank	0.000	14:29:15	0	
				0	

The information in this report is generated by a compluer database. This data may not accurately reflect the information printed on evidential test records generated by the Intoxilyzer.

	# Tost Stort D	Tastina I		OtIt-N	G "
	Test Start Date 9/4/2020 1:55:37 AM	Testing Lo		Operator Last Name ALBINO	Cert # 26125
1303004547	9/4/2020 1.55.57 AW	HPD JPC	. 1	ALBINO	20123
Step #	Result Type	Value	Result Time	Result Exception (0 = None)	
0	Operational System Check	0.000	01:59:27	0	
1	Air Blank	0.000	01:59:52	0	
2	Calibration Verification	0.074	02:00:18	0	
3	Solution Temp.	34.00	02:00:18	0	
4	Air Blank	0.000	02:00:58	0	
5	SUBJECT RESULT	0.148	02:01:22	0	
6	Air Blank	0.000	02:02:17	0	
7	Air Blank	0.000	02:03:57	0	
8	SUBJECT RESULT	0.146	02:04:19	0	
9	Air Blank	0.000	02:05:05	0	
10	Calibration Verification	0.073	02:05:31	0	
11	Solution Temp.	34.00	02:05:31	0	
12	Air Blank	0.000	02:06:11	0	
13	Operational System Check	0.000	02:06:15	0	
Step #	Result Type	Value	Result Time	Result Exception (0 = None)	
0	Operational System Check	0.000	02:59:41		
1		0.000			
		0.000		0	
	Air Blank	0.000	03:00:06	0	
2	Air Blank Calibration Verification	0.073	03:00:06 03:00:33	0	
2 3	Air Blank Calibration Verification Solution Temp.	0.073 34.00	03:00:06 03:00:33 03:00:33	0 0 0	
2 3 4	Air Blank Calibration Verification Solution Temp. Air Blank	0.073 34.00 0.000	03:00:06 03:00:33 03:00:33 03:01:13	0 0 0	
2 3 4 5	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT	0.073 34.00 0.000 0.106	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51	0 0 0 0	
2 3 4 5	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank	0.073 34.00 0.000 0.106 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:03:36	0 0 0 0	
2 3 4 5 6	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank	0.073 34.00 0.000 0.106 0.000 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:03:36 03:05:17	0 0 0 0 0	
2 3 4 5 6 7 8	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT	0.073 34.00 0.000 0.106 0.000 0.000 0.105	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:03:36 03:05:17 03:05:38	0 0 0 0 0 0	
2 3 4 5 6 7 8 9	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:03:36 03:05:17 03:05:38 03:06:22	0 0 0 0 0 0	
2 3 4 5 6 7 8 9	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank Calibration Verification	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49	0 0 0 0 0 0 0	
2 3 4 5 6 7 8 9 10	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank Calibration Verification Solution Temp.	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49 03:06:49	0 0 0 0 0 0 0	
2 3 4 5 6 7 8 9 10 11	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank Calibration Verification Solution Temp. Air Blank	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:36 03:05:17 03:06:39 03:06:49 03:06:49 03:07:29	0 0 0 0 0 0 0 0	
2 3 4 5 6 7 8 9 10	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank Calibration Verification Solution Temp.	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49 03:06:49	0 0 0 0 0 0 0	
2 3 4 5 6 7 8 9 10 11 12	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank CALIBRATE Calibration Verification Solution Temp. Air Blank Operational System Check	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49 03:07:29 03:07:33	0 0 0 0 0 0 0 0 0	Cort #
2 3 4 5 6 7 8 9 10 11 12 13	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank CALIBRATE AIR BLANK SUBJECT RESULT Air Blank SUBJECT RESULT Air Blank Operational System Check  # Test Start Date	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00 0.000 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49 03:07:29 03:07:33	0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cert#
2 3 4 5 6 7 8 9 10 11 12 13	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank CALIBRATE Calibration Verification Solution Temp. Air Blank Operational System Check	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49 03:07:29 03:07:33	0 0 0 0 0 0 0 0 0	Cert # 29221
2 3 4 5 6 7 8 9 10 11	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank CALIBRATE AIR BLANK SUBJECT RESULT Air Blank SUBJECT RESULT Air Blank Operational System Check  # Test Start Date	0.073 34.00 0.000 0.106 0.000 0.000 0.105 0.000 0.072 34.00 0.000 0.000	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:05:17 03:05:38 03:06:22 03:06:49 03:07:29 03:07:33	0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2 3 4 5 6 7 8 9 10 11 12 13 Analytical Report	Air Blank Calibration Verification Solution Temp. Air Blank SUBJECT RESULT Air Blank Air Blank SUBJECT RESULT Air Blank Calibration Verification Solution Temp. Air Blank Operational System Check  # Test Start Date 9/4/2020 3:45:45 AM	0.073 34.00 0.000 0.106 0.000 0.105 0.000 0.072 34.00 0.000 Testing Lo	03:00:06 03:00:33 03:00:33 03:01:13 03:02:51 03:03:36 03:05:17 03:05:38 03:06:22 03:06:49 03:07:29 03:07:33	Operator Last Name	

03:46:50

03:47:17

03:47:17

03:47:57

03:51:07

03:51:53

03:51:57

0

0

0

0

0

0

Deficient Sample

0.000

0.073

34.00

0.000

0.000

0.000

Air Blank

Air Blank

Air Blank

Calibration Verification

SUBJECT RESULT

Operational System Check

Solution Temp.

Rec ID#	Test Start	Report #	Lecation	Rslt.	Except (0 = None)	Subj Last Name	Subj DOB TS	Operator	O Cert
1030438	9/5/2020 2:48:26 AM	1303004557	HPD JPC 1	0.091	0	MENDOZA	06/02/1991 003	OSBORNE	26275
1030437	9/5/2020 1:48:40 AM	1303004556	HPD JPC 1	0.108	0	SALGADO MORALES	11/16/1974 003	GARCIA	19556
1030436	9/5/2020 1:21:08 AM	1303004555	HPD JPC 1	0.140	0	PIPER	09/25/1989 003	GUIDRY	26647
1030435	9/5/2020 12:25:26 AM	1303004554	HPD JPC 1	0.113	0	DIAZ	02/25/1980 003	VANCE	26280
1030434	9/4/2020 11:41:15 PM	1303004553	HPD JPC 1		Test Sequence Abo	OKESOLA	07/01/1988 003	VANCE	26280
1030433	9/4/2020 10:16:56 PM	1303004552	HPD JPC 1	0.057	0	BARRERA	02/17/1968 003	VANCE	26280
1030432	9/4/2020 9:20:05 PM	1303004551	HPD JPC 1	0.146	0	AGUILAR	05/05/1982 003	OSBORNE	26275
1029667	9/4/2020 4:22:48 AM	1303004550	HPD JPC 1	0.156	0	PARADA	07/29/1990 003	CIRLOS	29260
1029666	9/4/2020 3:45:45 AM	1303004549	HPD JPC 1		Deficient Sample	MCNEIL	10/08/1984 003	RAMOS	29221
1029665	9/4/2020 2:58:44 AM	1303004548	HPD JPC 1	0.105	0	ROBERTS	06/05/1991 003	FINGER	29214
1029664	≈9/4/2020 1:55:37 AM	1303004547	HPD JPC 1	0.146	0	MALDONADO	08/29/1986 003	ALBINO	26125
1929663	≠ 9/3/2020 1 <mark>1:50:16 PM</mark>	1303004546	HPD JPC 1		Calibration Check	ROMERO	07/12/1997 003	VINCENT	28000
1028506		1303004545	HPD JPC 1	0.197	0	ORTIZ VIVAR	02/08/1994 003	MITCHELL	26273
1028505	→ 9/3/2020 8:54:15 AM	1303004544	HPD JPC 1	, 222	Unacceptable Sam	ORTIZ VIVAR	02/08/1994 003	MITCHELL	26273
1028504	9/3/2020 7:36:21 AM	1303004543	HPD JPC 1	0.184	0	TIAN TZOC	06/26/1999 003	MITCHELL	26273
1028503	9/3/2020 4:51:54 AM	1303004542	HPD JPC 1	0.000	0	HERNANDEZ	05/01/2000 003	STANLEY	17847
1028502	9/3/2020 4:22:15 AM	1303004541	HPD JPC 1	0.013	0	DAVIS	12/04/1981 003	VANCE	26280
1028501	9/3/2020 1:09:49 AM	1303004540	HPD JPC 1	0.099	0	SCOTT	03/13/1986 003	ALEXANDER	26263
1028500	9/3/2020 12:45:21 AM	1303004539	HPD JPC 1	0.094	0	HERNANDEZ GALDAME	09/27/1987 003	TRAN	25623
1028499	9/2/2020 11:56:40 PM	1303004538	HPD JPC 1	0.117	0	VEGA	02/16/1989 003	VEGA	23641
1028498	9/2/2020 10:37:14 PM	1303004537	HPD JPC 1	0.191	0	DOMINGUEZ	04/27/1988 003	REID	29222
1028497	9/2/2020 9:45:49 PM	1303004536	HPD JPC 1		Deficient Sample	FATARDO	03/29/1961 003	VANCE	26280
1028496	9/2/2020 9:38:16 PM	1303004535	HPD JPC 1		Unacceptable Sam	FATARDO	03/29/1961 003	VANCE	26280
1028495	9/2/2020 4:38:17 PM	1303004534	HPD JPC 1	0.207	0	JUAREZ OCHOA	04/06/1984 003	SKELTON	24535
1027496	9/2/2020 2:59:50 AM	1303004533	HPD JPC 1	0.105	0	RODRIGUEZ-TORRES	05/04/1988 003	VARNER	26281
1027495	9/2/2020 2:19:28 AM	1303004532	HPD JPC 1	0.144	0	REYES	03/01/1993 003	VARNER	26281
1027494	9/1/2020 12:29:17 PM	1303004531	HPD JPC 1	0.000	0	PRACTICE TEST	09/01/2020 003	COTTER	14445
1027493	9/1/2020 12:20:02 PM	1303004530	HPD JPC 1	0.000	0	PRACTICE TEST	09/01/2020 003	COTTER	14445

Page 4 of 15

The information in this report is generated by a comptuer database. This data may not accurately reflect the information printed on evidential test records generated by the Intoxillyzer.

**Report Number:** 1303004547

Analytical Instrument: Intoxilyzer 9000 Locati

Serial Number: 90-001303

Date: 09/04/2020 Location: HPD JPC 1 Technical Supervisor Area: 003

Subject Name: MALDONADO, FRANKLIN

Date of Birth: 08/29/1986

Subject Result 1: 0.148 g/210 L Subject Result 2: 0.146 g/210 L

the property of the first of the second of t			
Sequence of Analysis			
Operational System Check	OK	01:59	1. 65
Air Blank	0.000	01:59	CDT
Cal Verification	0.074	02:00	CDT
Solution Temp.	34.00°C	100	
Air Blank	0.000	02:00	CDT
SUBJECT RESULT 1	0.148	02:01	CDT
Air Blank	0.000	02:02	CDT
Air Blank	0.000	02:03	CDT
SUBJECT RESULT 2	0.146	02:04	CDT
Air Blank	0.000	02:05	CDT
Cal Verification	0.073	02:05	CDT
Solution Temp.	34.00°C		
Air Blank	0.000	02:06	CDT
Operational System Check	OK	02:06	CDT

Test Complete 09/04/2020

Operator Signature: \_\_\_

910

Fifteen minute waiting period completed - YES Operator Name: ALBINO, JORGE

Certificate Number: 26125

All air blank results must be 0.000 Subject results 1 and 2 must not differ by more than 0.020 g/210L. Calibration verification results acceptable range: 0.070 - 0.090 g/210L. Reference sample solution temperature acceptable range: 33.80 - 34.20°C.

## 9/4/20 FRIDAY 1:03 AM (2:00 DASHCAM) 1:40:37 1:41:19 AM (40:19 PARK) @ STATION PA TTALBINO MUSTSTART ISMI WALKIN 2:10 WALK 714/20 1.55:37 TEST STREET 2 OPERATIONAL CHECK 2:01 AM. BT 1 (14:49 BREATHVIDEO) 2:04 AM: BT 2 (17:46 BREATH VIDEO)

### 5000 LIKE 9000

- O 20 minute v. 15 minute Observation Period
  - > "An Operator shall remain in the **continuous** presence of the subject at least 15 minutes **immediately** before the test and should exercise reasonable care to ensure that the subject does not place any substances in the mouth." See An Overview of the Training and Implementation of the Intoxilyzer 9000, pg. 3 and 6; emailed from Larry Smith, Regional Manager North Texas BAL to Kristina Aguirre on July 14, 2014.
  - "clearly the 'best practice' is for the Waiting Period to be conducted entirely at the testing site."

### 15 MINUTE VIOLATION

- From the START of the Test
  - > NOT Operational System Check
  - > NOT the Ist Blank
  - > NOT the 1st Breath Test
- Must be in View/ Hearing Range
- TXDPS 21 Minute Video

## EVIDENTIAL BREATH TESTING IN TEXAS; The 21 Minute Test

- SCENARIO I: Waiting Period in Car
- 2: Leaving the Presence of the Subject (to go get a mouth piece)
- 3: 2 Operator and 2 Subjects (A) I leaves and comes back
- 4: 2 Operator and 2 Subjects (A) I leaves and asks other to take the test and says watched 15 min already
- 5: Drink of Water
- 6: Coughing, Sneezing, Hiccups
- 7: Repeated Belching
- 8: Asthma Inhaler

## RADIO FREQUENCY INTERFENCE (RFI)



An Independent Review of the Intoxilyzer 9000

Part 3 - Radio Frequency Interference

Jan Semenoff Volume 2 - Issue 2; Article 5

## RFI

Designed: 10-300 MHz (Police radios 1980s)

Modern Police Radios: 400MHz - 3GHz

Cell Phones: 800MHz – 1.9 GHz

Bluetooth: 2.4GHz



"True" BAC	Reported BrAC	Error Message
0.0	0.0	RFI DETECTED
0.0	0.0	
0.0	0.0	2.00
0.0	0.0	RFI DETECTED
0.0	0.0	-
0.012	0.0	-
0.012	0.026	7-2

Report Number: 1907000493 Analytical Instrument: Intoxilyzer 9000 Serial Number: 90-001907

Date: 10/26/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: PRACTICE TEST, -

Date of Birth: 01/10/2016

#### INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Test stopped by Instrument. A radio frequency signal was detected.

Sequence of Analysis				
Operational System Check	OK	16:17	CDT	
Air Blank	0.000	16:17	CDT	
Cal Verification	0.079	16:18	CDT	
Solution Temp,	34.01°C			
Air Blank	0.000	16:19	CDT	
SUBJECT RESULT 1	0.000	16:19	CDT	
Air Blank	0.000	16:20	CDT	
W	*	16:20	CDT	
Air Blank	0.000	16:21	CDT	
Operational System Check	OK	16:21	CDT	
12 0x 1 12 12 12 12 12 12 12 12 12 12 12 12 1				

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPORT

Report Number: 1907000532 Analytical Instrument: Intoxilyzer 9000 Serial Number: 90-001907

Date: 10/31/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: PRACTICE TEST, -

Date of Birth: 01/10/2016

INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Certificate Number: 23394

Fifteen minute waiting period completed - YES Operator Name: RODRIGUEZ, JOSE

Operator Signature:

\*RADIO FREQUENCY DETECTED

Test stopped by instrument. A radio frequency signal was detected.

Sequence of Analysis			
perational System Check	OK	21:03	CDT
Air Blank	0.000	21:04	CDT
Cal Verification	0.078	21:04	CDT
Solution Temp.	34.01°C		
ir Blank	0.000	21:05	CDT
SUBJECT RESULT 1	0.000	21:05	CDT
ir Blank	0.000	21:06	CDT
ir Blank	0.000	21:08	CDT
SUBJECT RESULT 2	(P)	21:08	CDT
ir Blank	0.000	21:09	CDT
perational System Check	OK	21:09	CDT
RADIO FREQUENCY DETECTED			

Operator Signature:

Fifteen minute waiting period completed - YES Operator Name: BURTON, MYLES

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPO

Report Number: 1907000307 Analytical Instrument: Intoxilyzer 9000 Serial Number: 90-001 907

Date: 09/01/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: PRACTICE TEST, -

Date of Birth: 01/10/2016

INCOMPLETE TEST: RADIO FREQUENCY DETECTED Test stopped by instrument. A radio frequency signal was detected.

Air Blank	0.000	08:12	CDT
Cal Verification	0.080	08:12	CDT
Solution Temp.	34.01°C		
Air Blank	0.000	08:13	CDT
SUBJECT RESULT 1	0.000	08:13	CDT
Air Blank	0.000	08:14	CDT
	*	08:14	CDT
Air Blank	*	08:14	CDT
Operational System Check	OK	08:14	CDT
RADIO FREQUENCY DETECTED			

Operator Signature:	m

Fifteen minute waiting period completed - YES Operator Name: HERNANDEZ, ROBERTO



Report Number: 1907000466 Analytical Instrument: Intoxilyzer 9000 Serial Number: 90-001907

Date: 10/18/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: OLIVARES-CISNEROS, RUBEN BENITO

Date of Birth: 07/22/1981

\*RADIO FREQUENCY DETECTED

#### INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Test stopped by instrument. A radio frequency signal was detected.

Sequence of Analysis				
Operational System Check	OK	00:04	CDT	
Air Blank	0.000	00:05	CDT	
Cal Verification	0.079	00:05	CDT	
Solution Temp.	34.01°C			
Air Blank	0.000	00:06	CDT	
SUBJECT RESULT 1	0.182	00:07	CDT	
Air Blank	0.000	00:08	CDT	
w	*	00:08	CDT	
Air Blank	0.000	00:09	CDT	
Operational System Check	OK	00:09	CDT	

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPORT

Report Number: 1907000577 Analytical Instrument: Intoxilyzer 9000 Serial Number: 90-001907

Date: 11/17/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: AHEARN, MELISSA FAYE

Date of Birth: 10/03/1988

Operator Signature:

Fifteen minute waiting period completed - YES Operator Name: GONZALEZ, ANTHONY

INCOMPLETE TEST: RADIO FREQUENCY DETECTED Test stopped by instrument. A radio frequency signal was detected.

Sequence of Analysis			
Operational System Check	OK	00:31	CST
Air Blank	0.000	00:32	CST
Cal Verification	*	00:32	CST
Solution Temp.	34.01°C		
Air Blank	0.000	00:32	CST
Operational System Check	OK	00:33	CST

\*RADIO FREQUENCY DETECTED

Operator Signature:

Fifteen minute waiting period completed - YES Operator Name: PENA, RONALD

Certificate Number: 25340

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPORT

Report Number: 1907000587 Analytical Instrument: Intoxilyzer 9000

Date: 11/19/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Serial Number: 90-001907

Subject Name: ESCALERA BARRAZA, SAMUEL

Date of Birth: 12/13/1987

#### INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Test stopped by instrument. A radio frequency signal was detected.

Sequence of Analysis				
Operational System Check	OK	02:57	CST	- 1
Air Blank	0.000	02:57	CST	
Cal Verification	0.079	02:57	CST	
Solution Temp.	34.00°C			
Air Blank	0.000	02:58	CST	
SUBJECT RESULT 1	0.236	02:59	CST	
Air Blank	*	02:59	CST	
Air Blank	0.000	03:00	CST	
Operational System Check	OK	03:00	CST	
*RADIO FREQUENCY DETECTED				- 1
				- 1

Operator Signature:

Fifteen minute waiting period completed - YES

Operator Name: WOLSEY, ROGER

Report Number: 1907000568 Analytical Instrument: Intoxilyzer 9000

Date: 11/13/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Serial Number: 90-001907

Subject Name: ALVAREZ, DENNIS

Date of Birth: 12/14/1981

INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Test stopped by instrument. A radio frequency signal was detected.

Sequence of Analysis			
Operational System Check	OK	02:11 CST	
Air Blank	0.000	02:12 CST	
Cal Verification	0.077	02:12 CST	
Solution Temp.	34.01°C		
Air Blank	*	02:12 CST	
Air Blank	0.000	02:13 CST	
Operational System Check	OK	02:13 CST	

\*RADIO FREQUENCY DETECTED

Operator Signature:

Fifteen minute waiting period completed - YES Operator Name: GONZALEZ, ANTHONY

Certificate Number: 26270

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPORT

Report Number: 1907000569

Date: 11/13/2016 Location: CEN B HOUSTON

Analytical Instrument: Intoxilyzer 9000 Serial Number: 90-001907

Technical Supervisor Area: 003

Subject Name: ALVAREZ, DENNIS

Date of Birth: 12/14/1981

Subject Result 1: 0.188 g/210 L Subject Result 2: 0.186 g/210 L

OK	02:15	CST	
0.000	02:15	CST	
0.077	02:16	CST	
34.01°C			
0.000	02:16	CST	
0.188	02:17	CST	
0.000	02:18	CST	
0.000	02:20	CST	
0.186	02:20	CST	
0.000	02:21	CST	
0.078	02:21	CST	
34.01°C			
0.000	02:22	CST	
OK	02:22	CST	
	0.000 0.077 34.01°C 0.000 0.188 0.000 0.000 0.186 0.000 0.078 34.01°C	0.000 02:15 0.077 02:16 34.01°C 0.000 02:16 0.188 02:17 0.000 02:18 0.000 02:20 0.186 02:20 0.000 02:21 0.078 02:21 34.01°C 0.000 02:22	0.000 02:15 CST 0.077 02:16 CST 34.01°C 0.000 02:16 CST 0.188 02:17 CST 0.000 02:18 CST 0.000 02:20 CST 0.000 02:20 CST 0.186 02:20 CST 0.000 02:21 CST 0.078 02:21 CST 34.01°C 0.000 02:22 CST

Test Complete 11/13/2016

Operator Signature:

Fifteen minute waiting period completed - YES

Operator Name: GONZALEZ, ANTHONY



Report Number: 1907000301 Analytical Instrument: Intoxilyzer 9000

9000 Location

Date: 09/01/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Serial Number: 90-001907

Subject Name: MCDONALDSON, DEANDRE

Date of Birth: 04/22/1990

INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Test stopped by instrument. A radio frequency signal was detected.

OK	03:02 CDT	
0.000	03:02 CDT	
*	03:02 CDT	
0.000	03:03 CDT	
OK	03:03 CDT	
	0.000	0.000 03:02 CDT * 03:02 CDT 0.000 03:03 CDT

\*RADIO FREQUENCY DETECTED

Operator Signature:

Fifteen minute waiting period completed - YES Operator Name: CARTER, ROSHAD

R- CA

Certificate Number: 23765

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPORT

Report Number: 1907000302

Analytical Instrument: Intoxilyzer 9000 Serial Number: 90–001907 Date: 09/01/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: MCDONALDSON, DEANDRE

Date of Birth: 04/22/1990

Subject Result 1: 0.197 g/210 L Subject Result 2: 0.184 g/210 L

Sequence of Analysis				
Operational System Check	OK	03:04	CDT	
Air Blank	0.000	03:05	CDT	
Cal Verification	0.078	03:05	CDT	
Solution Temp.	34.01°C			
Air Blank	0.000	03:06	CDT	
SUBJECT RESULT 1	0.197	03:07	CDT	
Air Blank	0.000	03:08	CDT	
Air Blank	0.000	03:09	CDT	
SUBJECT RESULT 2	0.184	03:10	CDT	
Air Blank	0.000	03:11	CDT	
Cal Verification	0.077	03:11	CDT	
Solution Temp.	34.01°C			
Air Blank	0.000	03:12	CDT	
Operational System Check	OK	03:12	CDT	

Test Complete 09/01/2016

Operator Signature:

Fifteen minute waiting period completed - YES

Operator Name: CARTER, ROSHAD

Certificate Number: 23765

Report Number: 1907000542 Analytical Instrument: Intoxilyzer 9000 Date: 11/04/2016

Serial Number: 90–001907

Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: COLORADO-JAMAICA, HECTTOR ARTURO

Date of Birth: 01/24/1994

#### INCOMPLETE TEST: RADIO FREQUENCY DETECTED

Test stopped by Instrument. A radio frequency signal was detected.

Sequence of Analysis			75.00	
Operational System Check	OK	04:43	CDT	
Air Blank	0.000	04:44	CDT	
Cal Verification	0.078	04:44	CDT	
Solution Temp.	34.01°C			
Air Blank	0.000	04:45	CDT	
SUBJECT RESULT 1	0.164	04:46	CDT	
Air Blank	0.000	04:47	CDT	
Air Blank	0.000	04:49	CDT	
SUBJECT RESULT 2	0.156	04:49	CDT	
Air Blank	*	04:50	CDT	
Air Blank	0.000	04:50	CDT	
Operational System Check	OK	04:50	CDT	

Operator Signature:

Fifteen minute waiting period completed - YES

Operator Name: CARTER, ROSHAD

Certificate Number: 23765

\*RADIO FREQUENCY DETECTED

#### TEXAS FORENSIC BREATH ALCOHOL ANALYTICAL REPORT

Report Number: 1907000543

Analytical Instrument: Intoxilyzer 9000

Analytical Instrument: Intoxilyzer 9000 Serial Number: 90–001907 Date: 11/04/2016 Location: CEN B HOUSTON Technical Supervisor Area: 003

Subject Name: COLORADO-JAMAICA, HECTTOR ARTURO

Date of Birth: 01/24/1994

Subject Result 1: 0.157 g/210 L Subject Result 2: 0.152 g/210 L

Sequence of Analysis				
Operational System Check	OK	04:52	CDT	
Air Blank	0.000	04:53	CDT	
Cal Verification	0.078	04:53	CDT	
Solution Temp.	34.01°C			
Air Blank	0.000	04:54	CDT	
SUBJECT RESULT 1	0.157	04:54	CDT	
Air Blank	0.000	04:55	CDT	
Air Blank	0.000	04:57	CDT	
SUBJECT RESULT 2	0.152	04:57	CDT	
Air Blank	0.000	04:58	CDT	
Cal Verification	0.079	04:58	CDT	
Solution Temp.	34.01°C			
Air Blank	0.000	04:59	CDT	
Operational System Check	OK	04:59	CDT	

Test Complete 11/04/2016

Operator Signature:

Fifteen minute waiting period completed - YES

Operator Name: CARTER, ROSHAD

Certificate Number: 23765

## RFI

- An RFI had to be within 2" of antenna to be detected
- Readings have been affected
  - > Both false-negative (0) and false-positive (.026)
- RFI is intermittent
- 9000 does not adequately detect the presence of RFI
- RFI may adversely affect the reported BrAC results

# RESOURCES

- Expert: Jan Semenoff (306) 716-2128
  - > jan@counterpoint-journal.com
  - > www.counterpoint-journal.com
- Expert: Amanda Culbertson
  - > previoushpdts@gmail.com
- Expert: Matthew Malhiot (678) 880-3171
  - > www.forensicconsulting.com
- https://www.dps.texas.gov/CrimeLaboratory/documents/ BATOperatorManualRvsd.pdf

## COERCION

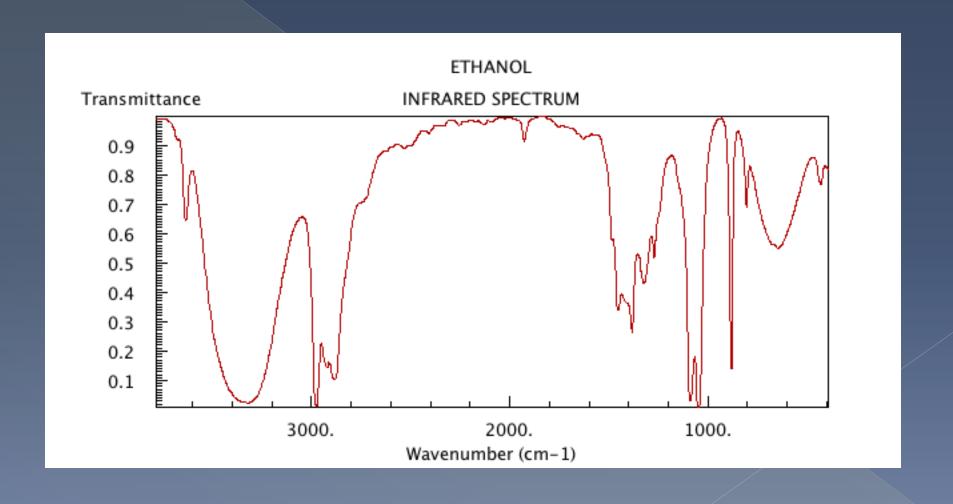
- Erdman v. State, 861 S.W.2d 890 (Tex.Crim.App. 1993)
- Fienen v State, 390 S.W.3d 328 (Tex.Crim.App. 2012)
- Gette, 209 S.W.3d 139 / Sandoval, 17 S.W.3d 792
- State must prove consent voluntary by C&C evidence
- NOW: Defense burden to show it was coerced and causal connection between warning and decision to submit.

# OTHER BREATH ATTACKS

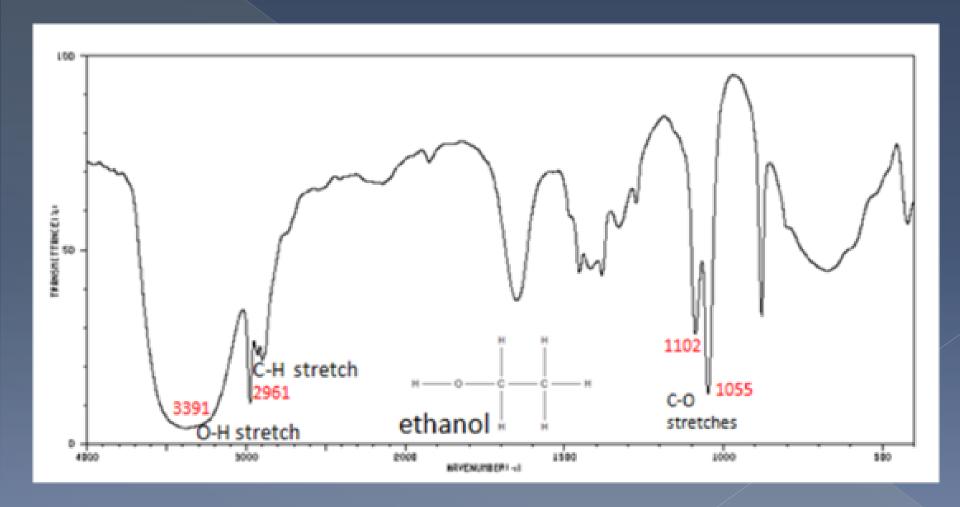
# OTHER

- RETAINERS / INVISILIGN
- PIERCINGS
- GUM / DIP
- ALBUTEROL INHALER
- HYPO-VENTILATION
- KETO DIET
- CHEMICALS THEY WORK WITH

### SPECIFICITY FOR ETHANOL



### SPECIFICITY FOR ETHANOL



#### SPECIFICITY FOR ETHANOL

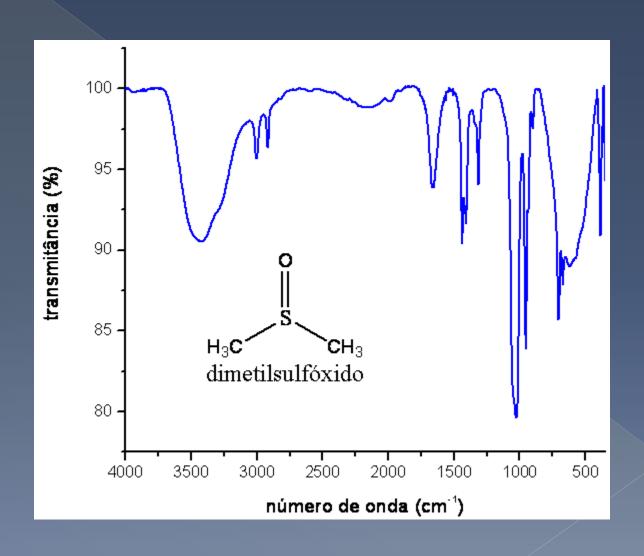
- PROBLEM: other organic molecules, which can potentially contaminate breath samples, also absorb IR radiation at 9 microns.
  - > Other <u>alcohol</u>, <u>esters</u>, and <u>ethers</u> that contain both the methyl group and carbon-oxygen bonds in their molecular structures.

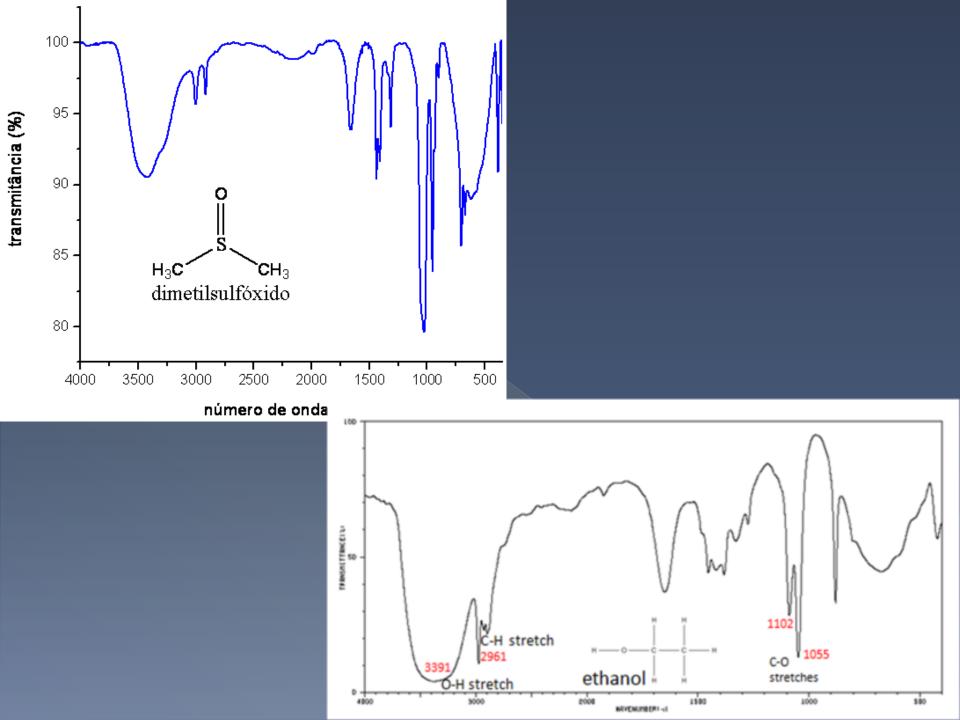
See Labianca, Dominick; Breath-alcohol analysis: a commentary on ethanol specificity in the 3 micron and 9 micron regions of the IR spectrum; Journal of Forensic Toxicology v. 24, pg. 92 (2006).

## Dimethyl sulfoxide (DMSO)

- Dimethyl sulfoxide (DMSO) exhibits IR absorption in both the 3.4 and 9.4 micron regions.
- DMSO is a common solvent for organic compounds and is also used in the treatment of interstitial cystitis (aka painful bladder syndrome) and scleroderma, with rapid absorption occurring through the skin and mucous membranes. 1d.

## Dimethyl sulfoxide (DMSO)

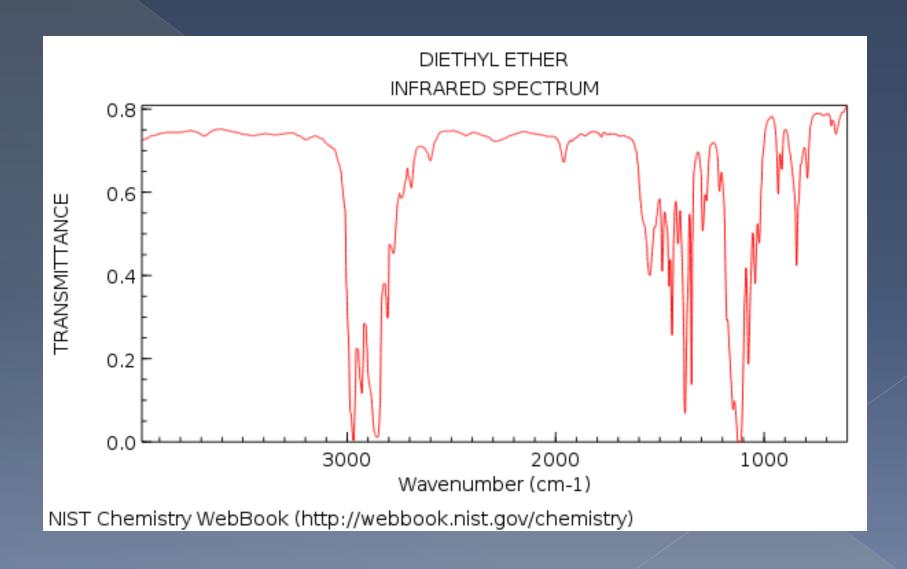


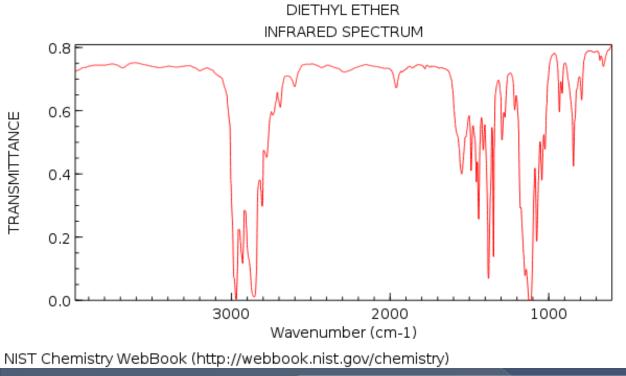


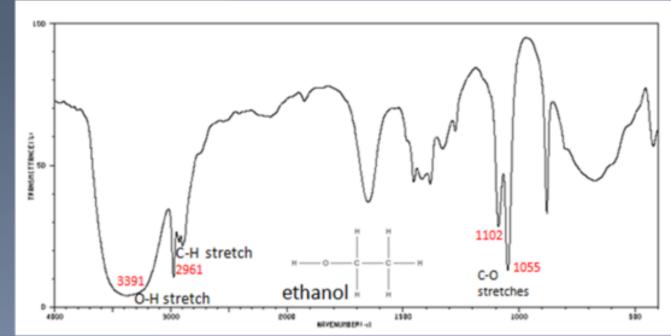
### Diethyl Ether

- Diethyl Ether, has been found to produce false ethanol readings at 3.4 and 9.5 microns, the latter overlapping absorption at 9.4 microns.
- Widely used as a solvent for waxes, fats, oils, perfumes, alkaloids, and gums. Id.
- Exposure to ether vapor is highly problematic because of its high tissue solubility and its low partition ratio in humans.

## Diethyl Ether







#### **ESTERS**

- Ethyl Formate,
- Methyl Butanoate,
- Propyl Acetate, and
- Pentyl Acetate are noteworthy because they are synthetic flavoring agents that allow many products, including ice cream, soft drinks, candy and other foods, to taste natural in flavor.

#### **ACETONE**

- On the breath of individuals in a state of ketosis from untreated diabetes, prolonged fast, or a lowcarb diet.
- Acetone impairment may resemble alcohol intoxication.
- The Intoxilyzer 9000 does not subtract the effect of acetone from the results. Texas recognizes the need to evaluate whether acetone testing will need to be a necessary part of official inspection in the future. The Effect of Acetone on the Intoxilyzer 9000, PowerPoint presentation by

Janeen Kubilus, Forensic Scientist, Breath Alcohol Laboratory, Law
Enforcement Support-Crime Laboratory Service (432)386-0353, slide 6.

## Lack of Specificity - Georgia

• GBI cited problems with the lack of sensitivity to compounds other than alcohol when evaluating the 9000.

GBI Evaluation of Breath Alcohol Testing Instruments to Replace the Intoxilyzer 5000, pg. 65 (September 2012). Compounds that were analyzed by the 9000 for specificity included: acetone, acetaldehyde, methanol, 2-propanol, toluene, ethyl acetate, 2-butanone, 2-butanol, 1-propanol, acetonitrile, methylene chloride, and 2-methyl propanol. *Id.* at 93.

• 9000 actually scored the lowest of any competitor on the GBI survey to a list supplied by CMI to rate the specificity/selectivity for ethanol.

GBI Evaluation of Breath Alcohol Testing Instruments to Replace the Intoxilyzer 5000, pg. 64 (September 2012).

#### SPECIFICITY CONCLUSION

Breath-alcohol analysis via IR at 3.4 and 9.4 microns is not entirely ethanol specific and any subject's employment, medical or eating history can and should be ascertained through appropriate evaluation of the subjects and the compounds.

See Labianca, Dominick; Breath-alcohol analysis: a commentary on ethanol specificity in the 3 micron and 9 micron regions of the IR spectrum; Journal of Forensic Toxicology v. 24, pg. 94 (2006).

# WATCH THE BREATH TEST VIDEON

# BEATING BLOOD TESTS BEFORE THE BLOOD TEST

- Adkins v. State, 418 S.W.3d 856 (Tex.App. 2013)
  - > Thiessen
  - > Judge Bill Harmon
  - > Ofc. David Ciers
  - > Appellate Counsel:Thiessen

> (INSERT 2013 MRT PIC)

- We conclude that the blood draw was performed in a <u>reasonable manner</u>.
  - The person who drew appellant's blood was **qualified**. The blood was drawn by a **registered nurse**, one of the persons authorized by the warrant to draw the blood.
  - > The blood was drawn in a reasonable manner.
  - > The nurse <u>cleaned</u> appellant's arm with Betadine before drawing the blood.
  - The procedure was captured on video, and nothing on the video indicated that appellant **suffered any pain** as a result of the procedure.

#### **LEARN FROM MY MISTAKES!**

• "Appellant argues that the nurse was not qualified, but appellant did not object when Ciers testified that she was a registered nurse. Additionally, appellant repeatedly referred to the person drawing the blood as "nurse" during witness examinations."



#### LEARN FROM MY MISTAKES!

"The blood was drawn in a reasonable environment. Ciers, who was present at the time of the blood draw, testified that the room was sanitary. Appellant presented evidence at trial that the cotton ball used to clean the injection area was placed on a table before it was used. This alone, however, is not enough evidence to prove that the environment or the procedure presented unjustified risk of infection or pain."

#### SANITARY PLACE

- > Would you eat a sandwich off the desk?
- > Clean the toilet bowl, drink out of it?

#### PROPER PROCEDURE

- Gauge Needle
- > Butterfly/Port
- > Clean Area

#### QUALIFICATIONS

> Really??

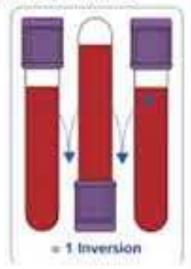
- BLOOD DRAW
- INVERSIONS
- HAND SANITIZERS
- PACKAGING
- RIDE BACK
- TIME FROM DRAW TO LAB

- BLOOD DRAW
- INVERSIONS

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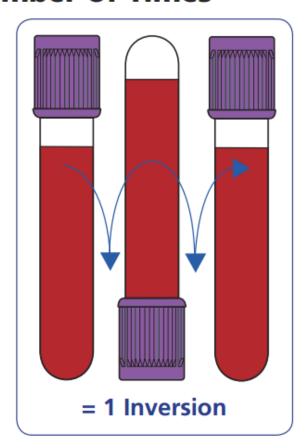
#### Inversion

Mix Tubes by Inverting the Recommended Number of Times



	Culture Tube	8 to 10 times
	Sodium Citrate	3 to 4 times
	Red ( Plain)Tube	5 times
	SST	5 times
A	Heparin Tube	8 to 10 times
	EDTA	8 to 10 times
	Sodium Fluoride	8 to 10 times

#### Mix Tubes by Inverting the Recommended Number of Times



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- BLOOD DRAW
- INVERSIONS
- HAND SANITIZERS



- BLOOD DRAW
- INVERSIONS
- HAND SANITIZERS
- PACKAGING

- BLOOD DRAW
- INVERSIONS
- HAND SANITIZERS
- PACKAGING
- RIDE BACK
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#### ASK THE TRIAL LAWYER...

- PASTEURIZATION
- O HOMOGENIZED
- ORGANIC
- CHEMICALS?
- O CARTONS V PLASTIC CONTAINERS
- ONLY SAFE IF.....
- LASTS SO LONG!!!



#### RECALLED VIALS

- KNOW THE LITERATURE
- HIRE AMANDA
- EMPTY or MISSING SOME or ONE
  - > Emails/ Press Releases = Both
  - > SECRET
  - > DAs want: Missed ALL Product
    - Easier to Detect / Lie About
  - > NEW JERSEY BD/ Wade Smith/ Thiessen

### **RECALLED VIALS**

BOTH ROADS LEAD TO NG....

SHHHHHHHHH!!!!



# SGT. DON EGDORF!



## QUESTIONS???

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#### **THIESSEN**

LAW FIRM

AGGRESSIVE CRIMINAL DEFENSE