

821

Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 6/13/2014

Instrument Serial Number: 010527

As of 13-Jun-14

Start Date	End Date	Agency Name
10-Jun-14		DFS Central Lab
12-Dec-08	10-Jun-14	Blacksburg PD
27-May-08	12-Dec-08	DFS Central Lab

524

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010527** Worksheet Start Date **6/10/2014**
 Location **Blacksburg PD**
 Address **200 Clay St SW Blacksburg VA 24060**
 DFS Technician **Sarah Dersch** License No. **24178**
 Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **700** Reference Barometer (mm HG) **706**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.280
0.300	0.276	0.267	0.284	Sample 2	0.280
Precision		sample min	sample max	Sample 3	0.280
0		0.280	0.280		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.093
0.100	0.092	0.089	0.095	Sample 2	0.093
Precision		sample min	sample max	Sample 3	0.093
0		0.093	0.093		

Dry gas standard Lot No. (with tank no.) **AG316301-15**

- Replaced dry gas standard (+O-ring)
- Installed at Location
- Removed to DFS-Central

Supplies
 Mouthpieces
 Certificates of Analysis
 Operator Worksheet
 Other:



Notes:

[Redacted Notes Area]

Instrument Serial Number

010527

Certification Date

Calibrated

Certified

Measurement Assurance Check

Instrument Test

Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

6/13/14

Issuing Analyst

Date

6/13/14

Jed



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
--------------------------------------	----------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY DERSCH, SARAH, E		AGENCY DFS Central Lab
DFS LICENSE NUMBER 24178	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 06/10/2014
TEST EQUIPMENT NUMBER 010527		

RESULTS: TIME SAMPLE TAKEN 16:38 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



8/2/14

Test Results

Instrument Serial Number 010527

Test # 000959 Subject Test

Test Location 1 Department of
Test Date 10 Jun 2014

Test Location 2 Forensic Science
Test Time 16:32
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab
Card Serial Number 124178
Subject's Last Name INSTRUMENT
Subject's Middle Initial
Driver's License Number

Operator's First Name SARAH
Operator's Middle Initial E
License Number 24178
Effective Date 10/01/2012
Expiration Date 10/01/2014
Subject's First Name TEST
Subject's Date of Birth 00/00/0000
Subject's Sex Male
Driver's License Expiration 00/00/0000

Driver's License State
End Date 10 Jun 2014 End Time 16:40

Court Name DFS
Result Time 16:38 Result Date 10 Jun 2014 Result 0.00

Data Type DIAG
Data Type BLK
Data Type CHK
Data Type BLK
Data Type SUBJ
Data Type BLK
Data Type SUBJ
Data Type BLK

Sample Value Pass
Sample Value 0.000
Sample Value 0.093
Sample Value 0.000
Sample Value 0.000
Sample Value 0.000
Sample Value 0.000
Sample Value 0.000

Sample Time 16:32
Sample Time 16:33
Sample Time 16:34
Sample Time 16:35
Sample Time 16:36
Sample Time 16:37
Sample Time 16:38
Sample Time 16:39

Standard Type Dry Gas Std
Standard Lot Number AG316301-15
Tank Pressure 438

Standard Value 0.092
Standard Expiration Date 06/12/2015
Barometric Pressure 700 mmHg

Blow Sample Number 1 Blow Duration 2.45 sec
Blow Sample Number 2 Blow Duration 4.65 sec

Blow Volume 1890 cc End-of-Blow Time 16:36
Blow Volume 2443 cc End-of-Blow Time 16:38

Tamper Evident Stamp dce1d009
Test Status Success

Test Status Code 0

Intox EC/IR-II: Accuracy Check

86

Department of Forensic Science

Serial Number: 010527 Test Number: 960

Test Date: 06/10/2014 Test Time: 16:40 EDT

Dry Gas Target: 0.092

Lot Number: AG316301-15 Exp Date: 06/12/2015

Tank Pressure: 438 psi Barometric Pressure: 700 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	16:41
CHK	0.093	16:42
BLK	0.000	16:43
CHK	0.093	16:44
BLK	0.000	16:45
CHK	0.093	16:46

Test Status: *Success*

Calibration CRC: 7DDF81B0

80

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010527 Test Number: 961

Test Date: 06/10/2014 Test Time: 16:49 EDT

Dry Gas Target: 0.276

Lot Number: AG334603-03 Exp Date: 12/12/2015

Tank Pressure: 448 psi Barometric Pressure: 700 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	16:49
CHK	0.281	16:50
BLK	*,***	16:51

Test Status: Ambient/RFI Detected

Calibration CRC: 7DDF81B0

sum 6/13/14

Intox EC/IR-II: Accuracy Check

Sid

Department of Forensic Science

Serial Number: 010527 Test Number: 962

Test Date: 06/10/2014 Test Time: 16:55 EDT

Dry Gas Target: 0.276

Lot Number: AG334603-03 Exp Date: 12/12/2015

Tank Pressure: 448 psi Barometric Pressure: 700 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	16:56
CHK	0.280	16:57
BLK	0.000	16:58
CHK	0.280	16:59
BLK	0.000	17:01
CHK	0.280	17:02

Test Status: Success

Calibration CRC: 7DDF81B0