

rd

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

Instrument Serial Number: 010594

As of 13-Jun-14

Start Date	End Date	Agency Name
10-Jun-14		Giles County Sheriff's Office
23-Jan-13	10-Jun-14	DFS Central Lab
20-May-09	23-Jan-13	New River Valley Regional Jail
04-Aug-08	20-May-09	DFS Central Lab

5rd

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number **010594** Worksheet Start Date **6/10/2014**
 Location **Giles CO SO**
 Address **503 Wenonah Ave Pearisburg VA 24134**
 DFS Technician **Sarah Dersch** License No. **24178**

Laboratory On-Site

Site Specification: No detrimental environmental conditions exist.

Instrument Barometer (mm HG) **715** Reference Barometer (mm HG) **714**
 Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.300	0.282	0.273	0.290	0.286	0.284	0.283
Precision		sample min	sample max			
0.003		0.283	0.286			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	Sample 2	Sample 3
0.100	0.094	0.091	0.097	0.094	0.094	0.094
Precision		sample min	sample max			
0		0.094	0.094			

Dry gas standard Lot No. (with tank no.) **AG406301-24**

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

Supplies
 Mouthpieces
 Certificates of Analysis
 Operator Worksheet
 Other:

50

Notes:

[Redacted Notes Area]

Instrument Serial Number

010594

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

MMB

Set

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010594 Test Number: 534

Test Date: 06/10/2014 Test Time: 15:17 EDT

 Dry Gas Target: 0.282

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

Tank Pressure: 458 psi Barometric Pressure: 714 mmHg

 System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:18
CHK	0.286	15:19
BLK	0.000	15:20
CHK	0.284	15:21
BLK	0.000	15:22
CHK	0.283	15:23

 Test Status: *Success*

 Calibration CRC: EB25BBC8

Intox EC/IR-11: Accuracy Check

SOL

Department of Forensic Science

Serial Number: 010594 Test Number: 535

Test Date: 06/10/2014 Test Time: 15:27 EDT

Dry Gas Target: 0.094

Lot Number: AG406301-24 Exp Date: 03/04/2016

Tank Pressure: 1115 psi Barometric Pressure: 714 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:27
CHK	0.094	15:28
BLK	0.000	15:30
CHK	0.094	15:30
BLK	0.000	15:32
CHK	0.094	15:33

Test Status: Success

Calibration CRC: EB25BBC8

hel



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 010594		

RESULTS: TIME SAMPLE TAKEN 15:40 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



red

Test Results

Instrument Serial Number 010594

Test # 000536 Subject Test		Test Location 2 Forensic Science		Test Location 3	
Test Location 1 Department of		Test Time 15:34		System Check Passed	
Test Date 10 Jun 2014		Remote/Local Local			
Operator's Last Name DERSCH		Operator's First Name SARAH		Operator's Middle Initial E	
Agency DFS Central Lab		License Number 24178			
Card Serial Number 124178		Effective Date 10/01/2012		Expiration Date 10/01/2014	
Subject's Last Name INSTRUMENT		Subject's First Name TEST			
Subject's Middle Initial		Subject's Date of Birth 00/00/0000		Subject's Sex Male	
Driver's License Number		Driver's License Expiration 00/00/0000			
Driver's License State		Court Name DFS			
End Date 10 Jun 2014	End Time 15:41	Result Time 15:40	Result Date 10 Jun 2014	Result 0.00	
Data Type DIAG		Sample Value Pass	Sample Time 15:34		
Data Type BLK		Sample Value 0.000	Sample Time 15:35		
Data Type CHK		Sample Value 0.094	Sample Time 15:36		
Data Type BLK		Sample Value 0.000	Sample Time 15:37		
Data Type SUBJ		Sample Value 0.000	Sample Time 15:38		
Data Type BLK		Sample Value 0.000	Sample Time 15:39		
Data Type SUBJ		Sample Value 0.000	Sample Time 15:40		
Data Type BLK		Sample Value 0.000	Sample Time 15:41		
Standard Type Dry Gas Std		Standard Value 0.094			
Standard Lot Number AG406301-24		Standard Expiration Date 03/04/2016			
Tank Pressure 1115		Barometric Pressure 714 mmHg			
Blow Sample Number 1	Blow Duration 3.43 sec	Blow Volume 1829 cc	End-of-Blow Time 15:38		
Blow Sample Number 2	Blow Duration 3.15 sec	Blow Volume 1689 cc	End-of-Blow Time 15:40		
Tamper Evident Stamp b6b8f4f2		Test Status Code 0			
Test Status Success					