

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Issued: 7/10/2015
Effective: 7/10/2015

Version: DMEF2015 R0
Status: Active

Instrument # 100687

Date: 5/18/16

Analyst: Bileen O'Bryant

1. Reason for instrument evaluation

Loaner instrument returned from JBEK
Possible environmental or instrumental issue -
interference detected on dry gas on VOCs

2. Visual Inspection

3. Troubleshooting/Repair

Performed an initial VOC as well as
multiple supernova tests without issue. Attempted
to perform an additional VOC and instrument
gave interference detected on dry gas standard
twice (two VOC attempts).

Instrument ready to calibrate.

4. VOC (attached)

5. Internal Standard value $\leq 3.00\%$ Yes No

6. Verify software version

Return to Factory for Repair

Ready For Calibration

Ready For Certification

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

①
JBER

Serial #: 100687

Date: 04/11/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.56: 0.079
LOT #: 01315000A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 905 psi

BLANK TEST	0.000	12:02
INTERNAL STANDARD	VERIFIED	12:02
Xq = 0.143 (2.56%)		
EXTERNAL STANDARD	0.082	12:02
X[1] = 0.0817 (-0.0009) (-0.0007)		
BLANK TEST	0.000	12:03
EXTERNAL STANDARD	0.079	12:04
X[1] = 0.0799 (-0.0002) (0.0023)		
BLANK TEST	0.000	12:04
EXTERNAL STANDARD	0.083	12:05
X[1] = 0.0831 (0.0002) (-0.0002)		
BLANK TEST	0.000	12:06
EXTERNAL STANDARD	0.080	12:06
X[1] = 0.0795 (0.0001) (-0.0003)		
BLANK TEST	0.000	12:07
EXTERNAL STANDARD	0.076	12:08
X[1] = 0.0760 (-0.0012) (0.0029)		
BLANK TEST	0.000	12:09

Average = 0.0900

Std Dev = 0.0027

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 46.3°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 538 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.6 in	

PUMP INFO

Flow Rate = 4.340 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.002 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.139 0.64%	PASSED
(0.00% - 4.00%)	

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

2

JBER

Serial #: 100687

Date: 04/18/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.69: 0.079
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 896 psi

BLANK TEST	0.000	08:28
INTERNAL STANDARD	VERIFIED	08:28
Xq = 0.139 (0.96%)		
EXTERNAL STANDARD	0.079	08:28
X[1] = 0.0794 (0.0065) (0.0030)		
BLANK TEST	0.000	08:29
EXTERNAL STANDARD	0.079	08:29
X[1] = 0.0794 (-0.0001) (0.0017)		
BLANK TEST	0.000	08:31
EXTERNAL STANDARD	0.081	08:31
X[1] = 0.0805 (0.0002) (0.0019)		
BLANK TEST	0.000	08:32
EXTERNAL STANDARD	0.080	08:32
X[1] = 0.0798 (0.0001) (0.0015)		
BLANK TEST	0.000	08:33
EXTERNAL STANDARD	0.079	08:34
X[1] = 0.0794 (-0.0011) (0.0028)		
BLANK TEST	0.000	08:34

Average = 0.0796
Std Dev = 0.0009

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 47.9°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 539 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.317 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.002 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.139 0.38%	PASSED
(0.00% - 4.00%)	

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

3

JBER

Date: 04/18/2016

Serial #: 100687

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.020
TARGET AT 29.70: 0.079
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 879 psi

BLANK TEST	0.000	10:44
INTERNAL STANDARD	VERIFIED	10:45
Xq = 0.138 (1.21%)		
EXTERNAL STANDARD	0.078	10:45
X[1] = 0.0783 (-0.0017) (-0.0003)		
BLANK TEST	0.000	10:46
EXTERNAL STANDARD	0.080	10:46
X[1] = 0.0798 (-0.0004) (0.0010)		
BLANK TEST	0.000	10:47
EXTERNAL STANDARD	0.083	10:47
X[1] = 0.0826 (-0.0003) (0.0008)		
BLANK TEST	0.000	10:48
EXTERNAL STANDARD	INTERFERENCE	10:48
X[1] = 0.0804 (-0.0002) (0.0058)		

Interference Detected

Diagnostic Check

VERSIONS

CMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 46.8°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 537 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.396 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.002 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.140 0.00% (0.00% - 4.00%)	PASSED
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VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program



TJBEK

Date: 04/18/2016

Serial #: 100687

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.70: 0.079
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 864 psi

BLANK TEST 0.000 13:09
INTERNAL STANDARD VERIFIED 13:09
 Xq = 0.140 (0.06%)
EXTERNAL STANDARD 0.090 13:10
 X[1] = 0.0804 (0.0008) (0.0023)

Blank Error

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C PASSED
 (44.0°C - 52.0°C)
Breath Tube = 46.2°C PASSED
 (38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.67 V PASSED
 (1.00 V - 2.34 V)
Cooler Voltage = 1.61 V PASSED
 (0.97 V - 2.25 V)
Bias Voltage = 80 V PASSED
 (48 V - 112 V)
Chopper Freq = 537 Hz PASSED
 (475 Hz - 575 Hz)
Barometer = 29.7 in

PUMP INFO

Flow Rate = 4.296 L/M PASSED
 (3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
 (0.002 V <= 0.010 V)
PUMP OFF PASSED
 (0.001 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xq = 0.138 1.66% (0.00% - 4.00%) PASSED

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

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JBER

Date: 04/18/2016

Serial #: 100687

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.79: 0.079
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 860 psi

BLANK TEST	0.000	13:13
INTERNAL STANDARD	VERIFIED	13:14
Xg = 0.137 (1.85%)		
EXTERNAL STANDARD	0.079	13:14
X[1] = 0.0788 (0.0001) (0.0049)		
BLANK TEST	0.000	13:15
EXTERNAL STANDARD	0.080	13:15
X[1] = 0.0803 (-0.0040) (-0.0016)		
BLANK TEST	0.000	13:16
EXTERNAL STANDARD	0.081	13:16
X[1] = 0.0806 (0.0005) (0.0000)		
BLANK TEST	0.000	13:17
EXTERNAL STANDARD	0.078	13:18
X[1] = 0.0779 (-0.0045) (0.0021)		
BLANK TEST	0.000	13:18
EXTERNAL STANDARD	0.080	13:19
X[1] = 0.0800 (-0.0016) (0.0012)		
BLANK TEST	0.000	13:20

Average = 0.0796
Std Dev = 0.0011

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.0E
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 45.4°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.26 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 537 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.390 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.006 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xg = 0.139 0.58% (0.00% - 4.00%)	PASSED
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VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

⑥
JBFR
Date: 04/18/2016

Serial #: 100687

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.70: 0.079
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 845 psi

BLANK TEST	0.000	13:28
INTERNAL STANDARD	VERIFIED	13:29
Xq = 0.139 (0.32%)		
EXTERNAL STANDARD	0.079	13:29
X[1] = 0.0794 (-0.0020) (0.0034)		
BLANK TEST	0.000	13:30
EXTERNAL STANDARD	0.084	13:30
X[1] = 0.0844 (0.0011) (0.0005)		
BLANK TEST	0.000	13:31
EXTERNAL STANDARD	INTERFERENCE	13:31
X[1] = 0.0845 (0.0093) (0.0050)		

Interference Detected

Diagnostic Check

VERSIONS

DMT: 3.00
PIC: 3.00
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 48.1°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 538 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.401 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.002 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.141 0.45% (0.00% - 4.00%)	PASSED
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VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

JBER

Date: 04/18/2016

Serial #: 100687

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.71: 0.079
LOT #: 01315090A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 836 psi

BLANK TEST	0.000	13:36
INTERNAL STANDARD	VERIFIED	13:36
Xq = 0.140 (0.19%)		
EXTERNAL STANDARD	0.080	13:36
X[1] = 0.0817 (-0.0009) (0.0021)		
BLANK TEST	0.000	13:38
EXTERNAL STANDARD	0.080	13:38
X[1] = 0.0799 (-0.0016) (-0.0012)		
BLANK TEST	0.000	13:39
EXTERNAL STANDARD	0.078	13:39
Z[1] = 0.0783 (0.0007) (0.0045)		
BLANK TEST	0.000	13:40
EXTERNAL STANDARD	0.084	13:41
X[1] = 0.0836 (-0.0006) (0.0040)		
BLANK TEST	0.000	13:42
EXTERNAL STANDARD	INTERFERENCE	13:42
X[1] = 0.0839 (0.0028) (0.0046)		

Interference Detected

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 47.5°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.05 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 537 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.420 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.003 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.139 0.51%	PASSED
(0.00% - 4.00%)	

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

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JBER

Date: 04/18/2016

Serial #: 100687

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.70: 0.079
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 822 psi

BLANK TEST	0.000	13:46
INTERNAL STANDARD	VERIFIED	13:47
Xg = 0.140 (0.26%)		
EXTERNAL STANDARD	0.080	13:47
X[1] = 0.0800 (0.0008) (0.0033)		
BLANK TEST	0.000	13:48
EXTERNAL STANDARD	0.078	13:48
X[1] = 0.0782 (-0.0022) (0.0024)		
BLANK TEST	0.000	13:49
EXTERNAL STANDARD	INTERFERENCE	13:49
X[1] = 0.0834 (0.0015) (0.0058)		

Interference Detected

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 47.0°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 536 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.351 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.002 V <= 0.010 V)	
PUMP OFF	PASSED
(0.001 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xg = 0.140	0.60%	(0.00% - 4.00%)	PASSED
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VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Serial #: 100687

9
05002
Date: 05/11/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.22: 0.081
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 842 psi

BLANK TEST	0.000	15:07
INTERNAL STANDARD	VERIFIED	15:07
Xg = 0.139 (0.83%)		
EXTERNAL STANDARD	0.080	15:08
X[1] = 0.0796 (-0.0015) (0.0011)		
BLANK TEST	0.000	15:09
EXTERNAL STANDARD	0.080	15:09
X[1] = 0.0803 (-0.0010) (0.0006)		
BLANK TEST	0.000	15:10
EXTERNAL STANDARD	0.081	15:10
X[1] = 0.0812 (0.0016) (0.0023)		
BLANK TEST	0.000	15:11
EXTERNAL STANDARD	0.081	15:11
X[1] = 0.0809 (-0.0011) (0.0014)		
BLANK TEST	0.000	15:12
EXTERNAL STANDARD	0.080	15:12
X[1] = 0.0805 (-0.0006) (0.0019)		
BLANK TEST	0.000	15:13

Average = 0.0804
Std Dev = 0.0005

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 46.4°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.67 V	PASSED
(1.00 V - 2.34 V)	
Cooler Voltage = 1.61 V	PASSED
(0.97 V - 2.25 V)	
Bias Voltage = 80 V	PASSED
(48 V - 112 V)	
Chopper Freq = 529 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 30.2 in	

PUMP INFO

Flow Rate = 4.465 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

PUMP ON	PASSED
(0.001 V <= 0.010 V)	
PUMP OFF	PASSED
(0.002 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xg = 0.139 0.58% (0.00% - 4.00%)	PASSED
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SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100687

Date: 05/18/2016
 Time: 14:04:37

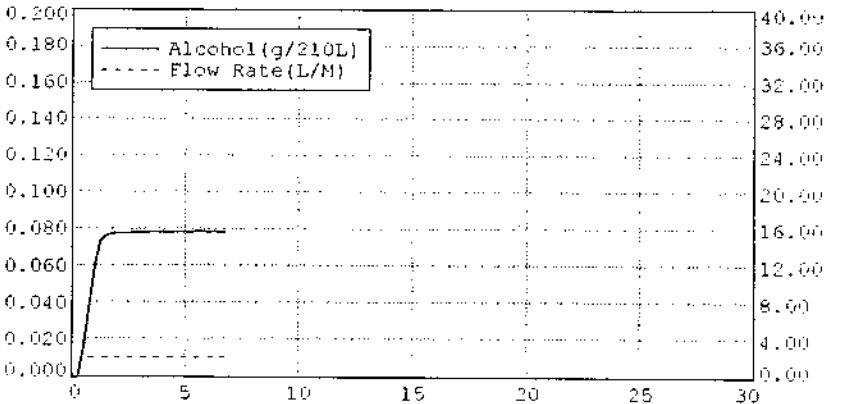
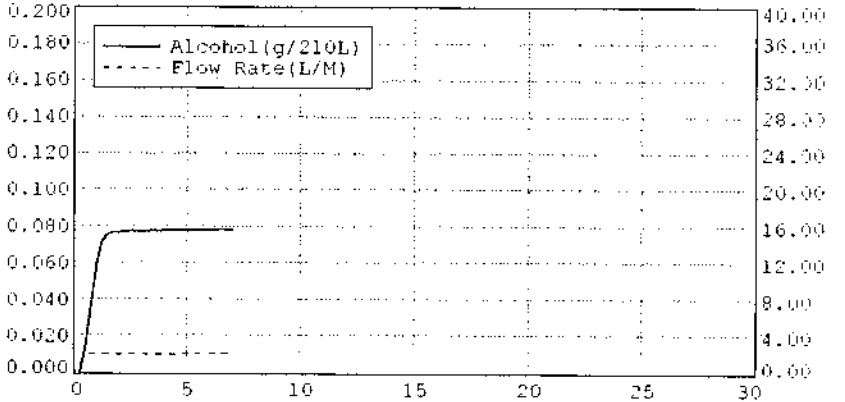
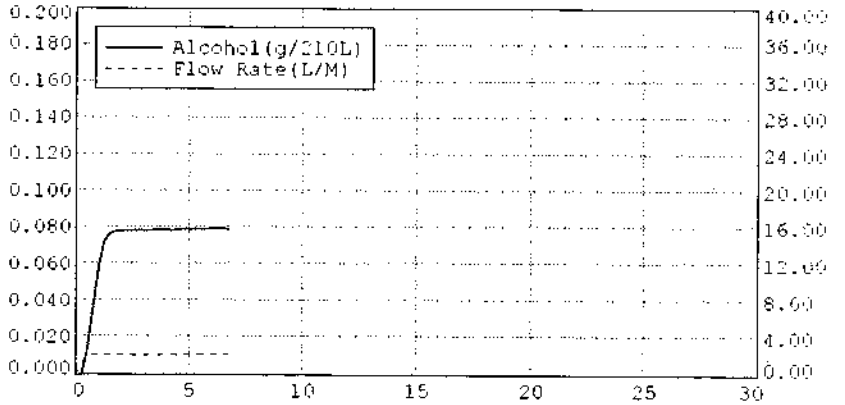
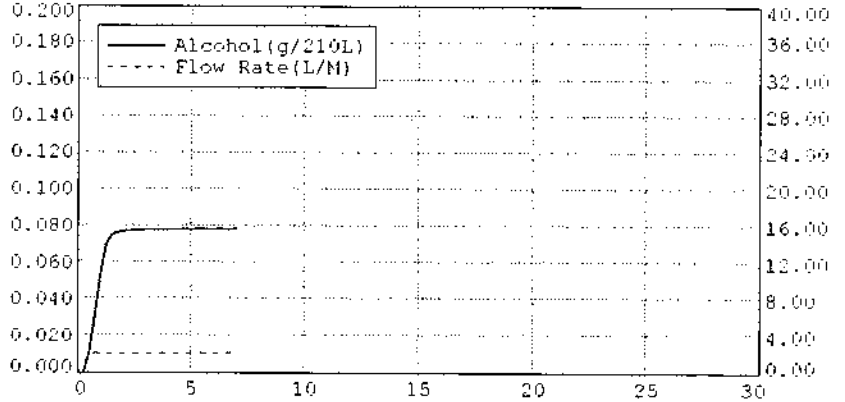
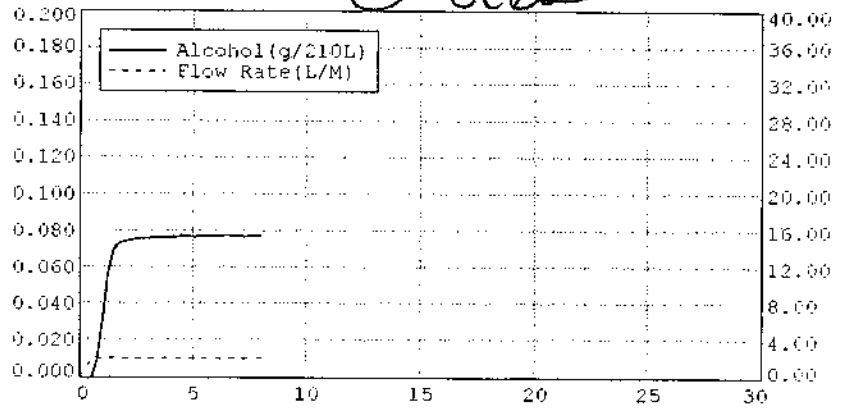
SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.85: 0.080
 LOT #: 01315080A2
 EXPIRATION: 02/05/2017
 TANK PRESSURE: 840 psi

BLANK TEST	0.000	14:07
INTERNAL STANDARD	VERIFIED	14:07
Xq = 0.138 (1.41%)		
EXTERNAL STANDARD	0.078	14:07
X[1] = 0.0781 (-0.0012) (0.0017)		
BLANK TEST	0.000	14:08
EXTERNAL STANDARD	0.079	14:08
X[1] = 0.0792 (-0.0001) (0.0014)		
BLANK TEST	0.000	14:09
EXTERNAL STANDARD	0.080	14:09
X[1] = 0.0798 (-0.0026) (0.0010)		
BLANK TEST	0.000	14:10
EXTERNAL STANDARD	0.079	14:11
X[1] = 0.0790 (-0.0022) (0.0014)		
BLANK TEST	0.000	14:11
EXTERNAL STANDARD	0.080	14:12
X[1] = 0.0796 (-0.0022) (0.0012)		
BLANK TEST	0.000	14:13

Average = 0.0792
 Std Dev = 0.0008



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100687

Date: 05/18/2016
 Time: 14:23:11

SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

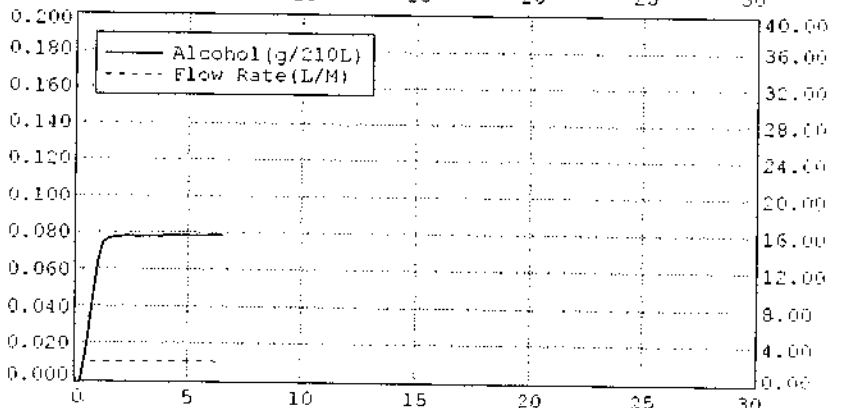
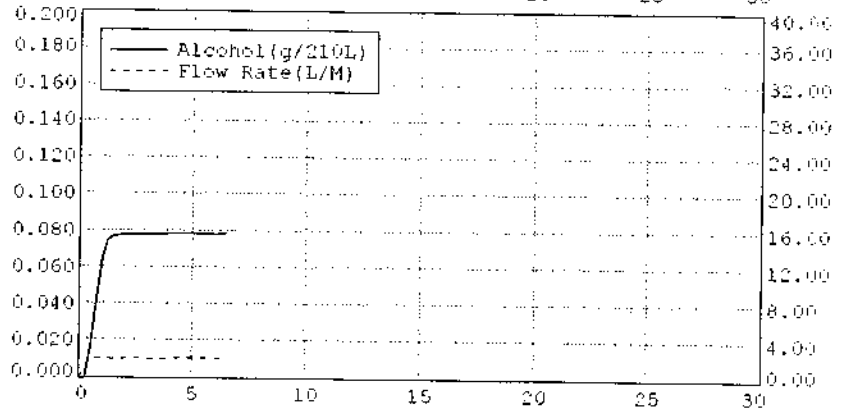
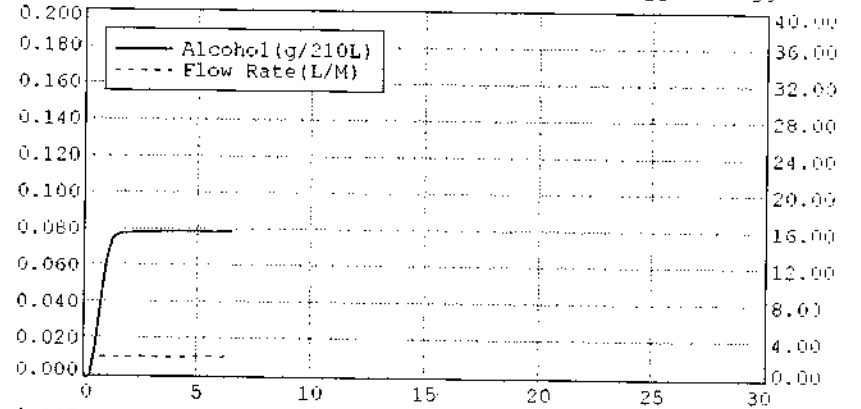
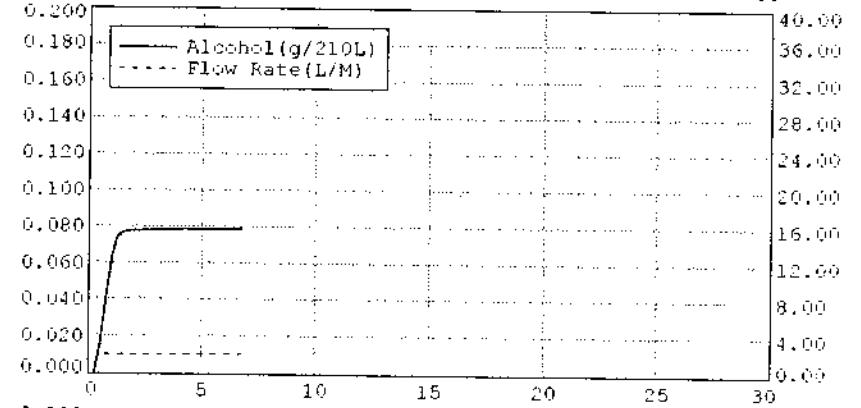
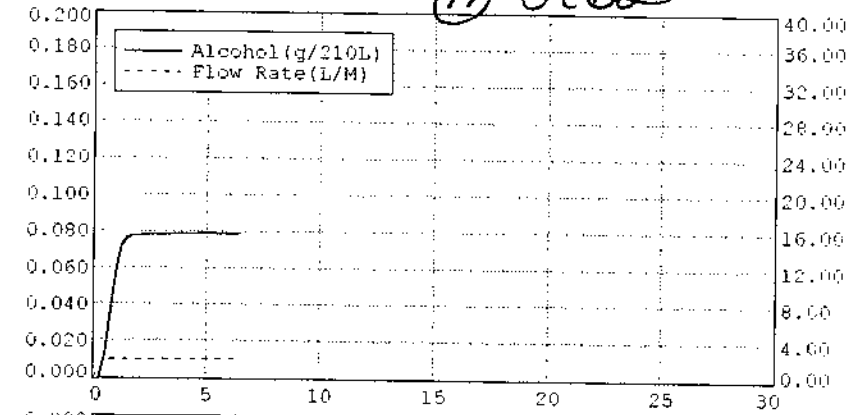
EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.85: 0.080
 LOT #: 01315080A2
 EXPIRATION: 02/05/2017
 TANK PRESSURE: 810 psi

BLANK TEST	0.000	14:24
INTERNAL STANDARD	VERIFIED	14:24
Xq = 0.139 (0.58%)		
EXTERNAL STANDARD	0.080	14:24
X[1] = 0.0798 (-0.0005) (0.0022)		
BLANK TEST	0.000	14:25
EXTERNAL STANDARD	0.080	14:25
X[1] = 0.0799 (0.0003) (0.0013)		
BLANK TEST	0.000	14:26
EXTERNAL STANDARD	0.080	14:26
X[1] = 0.0797 (-0.0016) (0.0009)		
BLANK TEST	0.000	14:27
EXTERNAL STANDARD	0.079	14:27
X[1] = 0.0794 (0.0000) (0.0013)		
BLANK TEST	0.000	14:28
EXTERNAL STANDARD	0.080	14:28
X[1] = 0.0796 (-0.0010) (0.0023)		
BLANK TEST	0.000	14:29

Average = 0.0798
 Std Dev = 0.0004

(11) 5002



SUPERVISOR TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100687

Date: 05/18/2016
 Time: 14:31:00

SUPERVISOR NAME:
 COLLEEN S OBRYANT
 OPERATOR'S #: 6237

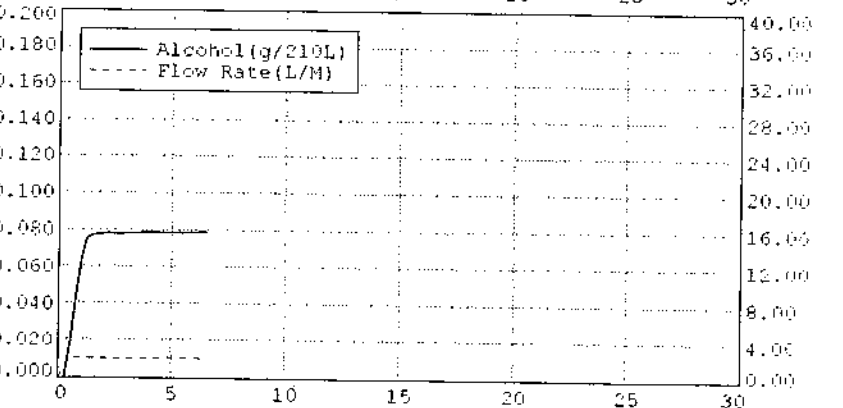
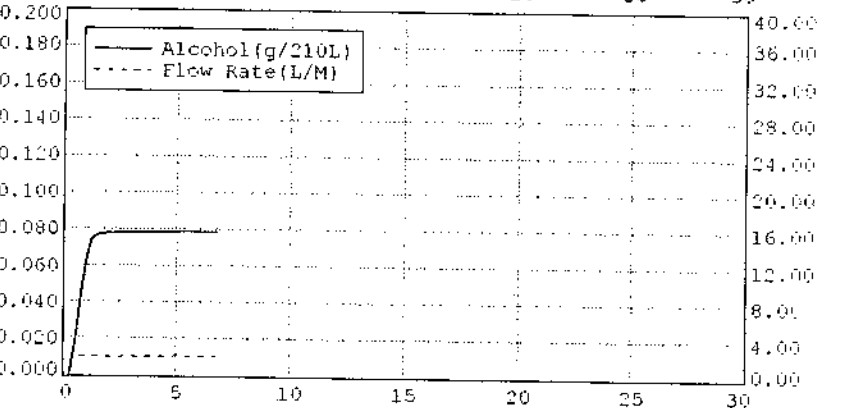
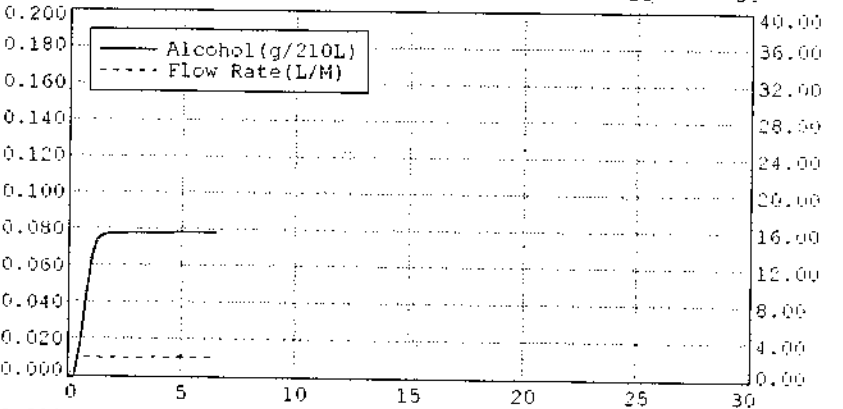
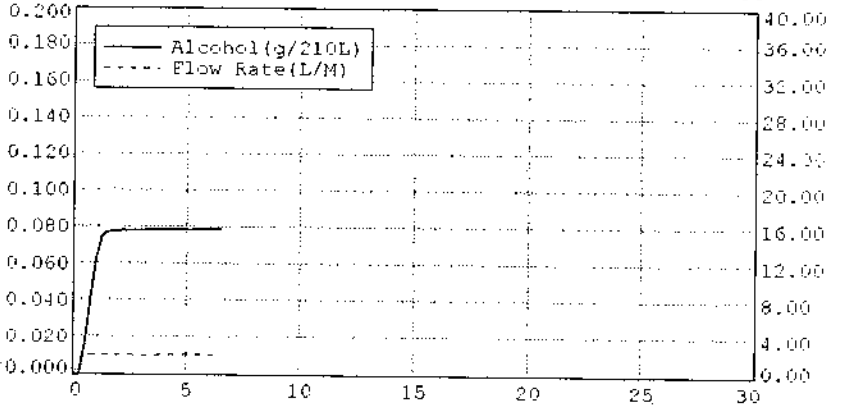
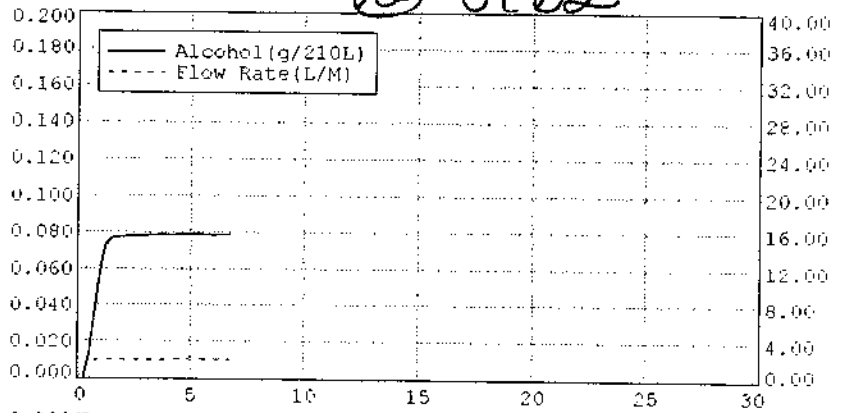
EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.86: 0.080
 LOT #: 01315080A2
 EXPIRATION: 02/05/2017
 TANK PRESSURE: 795 psi

BLANK TEST	0.000	14:33
INTERNAL STANDARD	VERIFIED	14:33
Xq = 0.140 (0.06%)		
EXTERNAL STANDARD	0.080	14:33
X[1] = 0.0797 (-0.0013) (0.0026)		
BLANK TEST	0.000	14:34
EXTERNAL STANDARD	0.080	14:34
X[1] = 0.0795 (0.0007) (0.0009)		
BLANK TEST	0.000	14:35
EXTERNAL STANDARD	0.079	14:35
X[1] = 0.0792 (-0.0014) (0.0025)		
BLANK TEST	0.000	14:36
EXTERNAL STANDARD	0.079	14:36
X[1] = 0.0795 (-0.0002) (0.0022)		
BLANK TEST	0.000	14:37
EXTERNAL STANDARD	0.080	14:37
X[1] = 0.0799 (0.0004) (0.0019)		
BLANK TEST	0.000	14:38

Average = 0.0796
 Std Dev = 0.0005

(12) OCO2



(13) 0002

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100687

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 05/18/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.86: 0.080
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 782 psi

BLANK TEST 0.000 14:53
INTERNAL STANDARD VERIFIED 14:53
 Xg = 0.141 (0.45%)
EXTERNAL STANDARD INTERFERENCE 14:53
 X[1] = 0.0803 (-0.0007) (0.0055)

Interference Detected

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C PASSED
 (44.0°C - 52.0°C)
Breath Tube = 46.3°C PASSED
 (38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.67 V PASSED
 (1.00 V - 2.34 V)
Cooler Voltage = 1.61 V PASSED
 (0.97 V - 2.25 V)
Bias Voltage = 80 V PASSED
 (48 V - 112 V)
Chopper Freq = 534 Hz PASSED
 (475 Hz - 575 Hz)
Barometer = 29.9 in

PUMP INFO

Flow Rate = 4.397 L/M PASSED
 (3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
 (0.002 V <= 0.010 V)
PUMP OFF PASSED
 (0.002 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xg = 0.139 0.64% (0.00% - 4.00%) PASSED

14 SCOL

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100687

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 05/18/2016

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.86: 0.080
LOT #: 01315080A2
EXPIRATION: 02/05/2017
TANK PRESSURE: 779 psi

BLANK TEST 0.000 14:58
INTERNAL STANDARD VERIFIED 14:58
 Xg = 0.140 (0.38%)
EXTERNAL STANDARD INTERFERENCE 14:58
 X(1) = 0.0800 (-0.0009) (0.0059)

Interference Detected

Diagnostic Check

VERSIONS

DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.7°C PASSED
 (44.0°C - 52.0°C)
Breath Tube = 45.3°C PASSED
 (38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.67 V PASSED
 (1.00 V - 2.34 V)
Cooler Voltage = 1.61 V PASSED
 (0.97 V - 2.25 V)
Bias Voltage = 80 V PASSED
 (48 V - 112 V)
Chopper Freq = 536 Hz PASSED
 (475 Hz - 575 Hz)
Barometer = 29.9 in

PUMP INFO

Flow Rate = 4.435 L/M PASSED
 (3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED
 (0.002 V <= 0.010 V)
PUMP OFF PASSED
 (0.002 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

Xg = 0.139 0.38% (0.00% - 4.00%)