METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00001	T00001
Reference Value:	0.0203	0.0203
	0.021	0.021
	0.021	0.021
	0.020	0.022
	0.021	0.021
	0.021	0.021
Mean:	0.0208	0.0212
SD:	0.0004	0.0004
Bias %:	2.46	4.43
CV %:	1.92	1.89

```
*************************
      WASHINGTON
    ALCOTEST 9510
SERIAL NO.:      ARAH-0098
TEST NO.:            00042
DATE:          04/23/2013
*************************
   SUPERVISOR TEST
*************************
              g/210L   TIME
DIAGNOSTIC OK          16:18
AIR BLANK     0.000    16:18
EXT STD IR    0.021    16:18
EXT STD EC    0.021    16:18
AIR BLANK     0.000    16:19
EXT STD IR    0.021    16:20
EXT STD EC    0.021    16:20
AIR BLANK     0.000    16:21
EXT STD IR    0.020    16:22
EXT STD EC    0.022    16:22
AIR BLANK     0.000    16:23
EXT STD IR    0.021    16:23
EXT STD EC    0.021    16:23
AIR BLANK     0.000    16:25
EXT STD IR    0.021    16:25
EXT STD EC    0.021    16:25
AIR BLANK     0.000    16:26
DIAGNOSTIC OK          16:27
*************************
OPERATOR SIGNATURE:
S.C. Madsen
T00001 / DR2049
.0203
```

S.C. Madsen 4-23-13

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00006	T00006
Reference Value:	0.0406	0.0406
	0.042	0.043
	0.041	0.043
	0.041	0.042
	0.041	0.042
	0.041	0.042
Mean:	0.0412	0.0424
SD:	0.0004	0.0005
Bias %:	1.48	4.45
CV %:	0.97	1.18

.0406
T00006/DR2049

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00048
DATE:          04/23/2013
**********************
SUPERVISOR TEST
**********************
              g/210L    TIME
DIAGNOSTIC OK           17:24
AIR BLANK     0.000     17:24
EXT STD IR    0.042     17:24
EXT STD EC    0.043     17:24

AIR BLANK     0.000     17:26
EXT STD IR    0.041     17:26
EXT STD EC    0.043     17:26
AIR BLANK     0.000     17:28
EXT STD IR    0.041     17:28
EXT STD EC    0.042     17:28
AIR BLANK     0.000     17:30
EXT STD IR    0.041     17:30
EXT STD EC    0.042     17:30
AIR BLANK     0.000     17:32
EXT STD IR    0.041     17:32
EXT STD EC    0.042     17:32
AIR BLANK     0.000     17:33
DIAGNOSTIC OK           17:33
**********************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00009**	**T00009**
Reference Value:	**0.0599**	**0.0599**
	0.059	0.061
	0.060	0.062
	0.060	0.062
	0.060	0.062
	0.060	0.062
Mean:	0.0598	0.0618
SD:	0.0004	0.0004
Bias %:	-0.17	3.17
CV %:	0.67	0.65

.0599
T00009 / DR3069

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00049
DATE:          04/23/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            17:49
AIR BLANK       0.000    17:49
EXT STD IR      0.059    17:49
EXT STD EC      0.061    17:49
AIR BLANK       0.000    17:51
EXT STD IR      0.060    17:51
EXT STD EC      0.062    17:51
AIR BLANK       0.000    17:53
EXT STD IR      0.060    17:53
EXT STD EC      0.062    17:53
AIR BLANK       0.000    17:55
EXT STD IR      0.060    17:55
EXT STD EC      0.062    17:55
AIR BLANK       0.000    17:57
EXT STD IR      0.060    17:57
EXT STD EC      0.062    17:57
AIR BLANK       0.000    17:58
DIAGNOSTIC OK            17:58
**********************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	T00003	T00003
Reference Value:	0.0820	0.0820
	0.079	0.080
	0.082	0.084
	0.082	0.084
	0.082	0.084
	0.082	0.085
Mean:	0.0814	0.0834
SD:	0.0013	0.0019
Bias %:	-0.73	1.71
CV %:	1.60	2.28

.0820
T00003/DR4468

```
************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00043
DATE:           04/23/2013
************************
SUPERVISOR TEST
************************
                g/210L   TIME
DIAGNOSTIC OK            16:29
AIR BLANK       0.000    16:29
EXT STD IR      0.079    16:30
EXT STD EC      0.080    16:30
AIR BLANK       0.000    16:31
EXT STD IR      0.082    16:32
EXT STD EC      0.084    16:32
AIR BLANK       0.000    16:33
EXT STD IR      0.082    16:34
EXT STD EC      0.084    16:34
AIR BLANK       0.000    16:35
EXT STD IR      0.082    16:36
EXT STD EC      0.084    16:36
AIR BLANK       0.000    16:37
EXT STD IR      0.082    16:38
EXT STD EC      0.085    16:38
AIR BLANK       0.000    16:38
DIAGNOSTIC OK            16:39
************************
OPERATOR SIGNATURE:
S.C. Madsen
```

S.C. MADSEN — 4/23/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	T00007	T00007
Reference Value:	0.1007	0.1007
	0.101	0.103
	0.103	0.105
	0.103	0.106
	0.103	0.106
	0.103	0.106
Mean:	0.1026	0.1052
SD:	0.0009	0.0013
Bias %:	1.89	4.47
CV %:	0.88	1.24

.1007
T00007/DR4468

```
*************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00050
DATE:           04/23/2013
*************************
    SUPERVISOR TEST
*************************
            g/210L    TIME
DIAGNOSTIC OK         18:01
AIR BLANK    0.000    18:01
EXT STD IR   0.101    18:02
EXT STD EC   0.103    18:02
AIR BLANK    0.000    18:03
EXT STD IR   0.103    18:04
EXT STD EC   0.105    18:04
AIR BLANK    0.000    18:05
EXT STD IR   0.103    18:06
EXT STD EC   0.106    18:06
AIR BLANK    0.000    18:07
EXT STD IR   0.103    18:08
EXT STD EC   0.106    18:08
AIR BLANK    0.000    18:09
EXT STD IR   0.103    18:10
EXT STD EC   0.106    18:10
AIR BLANK    0.000    18:10
DIAGNOSTIC OK         18:11
*************************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR4978**	**DR4978**
Sim Therm#:	**DR4978**	**DR4978**
QAP Batch#:	**12050**	**12050**
Reference Value:	**0.1534**	**0.1534**
	0.154	0.157
	0.154	0.157
	0.155	0.158
	0.156	0.158
	0.155	0.158
Mean:	0.1548	0.1576
SD:	0.0008	0.0005
Bias %:	0.91	2.74
CV %:	0.52	0.32

.1534
12050/DR4978

```
**************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00047
DATE:           04/23/2013
**************************
    SUPERVISOR TEST
**************************
            g/210L    TIME
DIAGNOSTIC OK         17:09
AIR BLANK    0.000    17:09
EXT STD IR   0.154    17:10
EXT STD EC   0.157    17:10

AIR BLANK    0.000    17:11
EXT STD IR   0.154    17:12
EXT STD EC   0.157    17:12
AIR BLANK    0.000    17:13
EXT STD IR   0.155    17:14
EXT STD EC   0.158    17:14
AIR BLANK    0.000    17:15
EXT STD IR   0.156    17:16
EXT STD EC   0.158    17:16
AIR BLANK    0.000    17:17
EXT STD IR   0.155    17:18
EXT STD EC   0.158    17:18
AIR BLANK    0.000    17:18
DIAGNOSTIC OK         17:19
**************************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR4465**	**DR4465**
Sim Therm#:	**DR4465**	**DR4465**
QAP Batch#:	**T00014**	**T00014**
Reference Value:	**0.2038**	**0.2038**
	0.205	0.208
	0.205	0.208
	0.205	0.208
	0.205	0.208
	0.205	0.208
Mean:	0.2050	0.2080
SD:	0.0000	0.0000
Bias %:	0.59	2.06
CV %:	0.00	0.00

.2038
T00014 / DR4465

```
*************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00054
DATE:           04/23/2013
*************************
    SUPERVISOR TEST
*************************
              g/210L    TIME
DIAGNOSTIC OK          18:43
AIR BLANK     0.000    18:43
EXT STD IR    0.205    18:43
EXT STD EC    0.208    18:43
AIR BLANK     0.000    18:45
EXT STD IR    0.205    18:46
EXT STD EC    0.208    18:46
AIR BLANK     0.000    18:47
EXT STD IR    0.205    18:48
EXT STD EC    0.208    18:48
AIR BLANK     0.000    18:49
EXT STD IR    0.205    18:50
EXT STD EC    0.208    18:50
AIR BLANK     0.000    18:52
EXT STD IR    0.205    18:52
EXT STD EC    0.208    18:52
AIR BLANK     0.000    18:53
DIAGNOSTIC OK          18:54
*************************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4978	DR4978
Sim Therm#:	DR4978	DR4978
QAP Batch#:	T00013	T00013
Reference Value:	**0.2550**	**0.2550**
	0.250	0.255
	0.254	0.258
	0.255	0.260
	0.256	0.260
	0.256	0.260
Mean:	0.2542	0.2586
SD:	0.0025	0.0022
Bias %:	-0.31	1.41
CV %:	0.98	0.85

.255
T00013 / DR4978

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00053
DATE:           04/23/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            18:30
AIR BLANK       0.000    18:30
EXT STD IR      0.250    18:31
EXT STD EC      0.255    18:31
AIR BLANK       0.000    18:33
EXT STD IR      0.254    18:33
EXT STD EC      0.258    18:33
AIR BLANK       0.000    18:35
EXT STD IR      0.255    18:35
EXT STD EC      0.260    18:35
AIR BLANK       0.000    18:37
EXT STD IR      0.256    18:37
EXT STD EC      0.260    18:37
AIR BLANK       0.000    18:39
EXT STD IR      0.256    18:40
EXT STD EC      0.260    18:40
AIR BLANK       0.000    18:40
DIAGNOSTIC OK            18:41
**********************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00015**	**T00015**
Reference Value:	**0.3023**	**0.3023**
	0.305	0.309
	0.306	0.310
	0.307	0.309
	0.306	0.308
	0.306	0.309
Mean:	0.3060	0.3090
SD:	0.0007	0.0007
Bias %:	1.22	2.22
CV %:	0.23	0.23

.3023
T00015/DR2049

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0098
TEST NO.: 00055
DATE: 04/23/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	18:55
AIR BLANK	0.000	18:55
EXT STD IR	0.305	18:56
EXT STD EC	0.309	18:56
AIR BLANK	0.000	18:58
EXT STD IR	0.306	18:58
EXT STD EC	0.310	18:58
AIR BLANK	0.000	19:00
EXT STD IR	0.307	19:00
EXT STD EC	0.309	19:00
AIR BLANK	0.000	19:02
EXT STD IR	0.306	19:03
EXT STD EC	0.308	19:03
AIR BLANK	0.000	19:04
EXT STD IR	0.306	19:05
EXT STD EC	0.309	19:05
AIR BLANK	0.000	19:06
DIAGNOSTIC	OK	19:07

OPERATOR SIGNATURE:

S.C. MADSEN — 4/23/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR3069	DR3069
Sim Therm#:	DR3069	DR3069
QAP Batch#:	T00016	T00016
Reference Value:	0.3558	0.3558
	0.352	0.356
	0.353	0.357
	0.354	0.357
	0.353	0.355
	0.353	0.356
Mean:	0.3530	0.3562
SD:	0.0007	0.0008
Bias %:	-0.79	0.11
CV %:	0.20	0.22

.3558
T00016/DR3069

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00056
DATE:           04/23/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            19:09
AIR BLANK       0.000    19:09
EXT STD IR      0.352    19:10
EXT STD EC      0.356    19:10

AIR BLANK       0.000    19:11
EXT STD IR      0.353    19:12
EXT STD EC      0.357    19:12
AIR BLANK       0.000    19:14
EXT STD IR      0.354    19:14
EXT STD EC      0.357    19:14
AIR BLANK       0.000    19:16
EXT STD IR      0.353    19:17
EXT STD EC      0.355    19:17
AIR BLANK       0.000    19:18
EXT STD IR      0.353    19:19
EXT STD EC      0.356    19:19
AIR BLANK       0.000    19:20
DIAGNOSTIC OK            19:21
**********************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	G7006	G7006
Sim Therm#:	B951232	B951232
QAP Batch#:	T00002	T00002
Reference Value:	0.4122	0.4122
	0.379	0.380
	0.397	0.399
	0.405	0.407
	0.408	0.411
	0.409	0.412
Mean:	0.3996	0.4018
SD:	0.0124	0.0132
Bias %:	-3.06	-2.52
CV %:	3.10	3.29

.4122
T00002/G7006

```
*************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00057
DATE:           04/23/2013
*************************
   SUPERVISOR TEST
*************************
              g/210L    TIME
DIAGNOSTIC OK           19:23
AIR BLANK     0.000     19:23
EXT STD IR    0.379     19:23
EXT STD EC    0.380     19:23

AIR BLANK     0.000     19:25
EXT STD IR    0.397     19:25
EXT STD EC    0.399     19:25
AIR BLANK     0.000     19:27
EXT STD IR    0.405     19:28
EXT STD EC    0.407     19:28
AIR BLANK     0.000     19:30
EXT STD IR    0.408     19:30
EXT STD EC    0.411     19:30
AIR BLANK     0.000     19:32
EXT STD IR    0.409     19:33
EXT STD EC    0.412     19:33
AIR BLANK     0.000     19:33
DIAGNOSTIC OK           19:34
*************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4978	DR4978
Sim Therm#:	DR4978	DR4978
QAP Batch#:	T00017	T00017
Reference Value:	**0.5054**	**0.5054**
	0.496	0.504
	0.497	0.505
	0.498	0.507
	0.498	0.506
	0.498	0.507
Mean:	0.4974	0.5058
SD:	0.0009	0.0013
Bias %:	-1.58	0.08
CV %:	0.18	0.26

.5054
T00017/DR4978

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**************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00058
DATE:            04/23/2013
**************************
SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            19:38
AIR BLANK       0.000    19:38
EXT STD IR      0.496    19:39
EXT STD EC      0.504    19:39
AIR BLANK       0.000    19:41
EXT STD IR      0.497    19:41
EXT STD EC      0.505    19:41
AIR BLANK       0.000    19:43
EXT STD IR      0.498    19:44
EXT STD EC      0.507    19:44
AIR BLANK       0.000    19:46
EXT STD IR      0.498    19:46
EXT STD EC      0.506    19:46
AIR BLANK       0.000    19:48
EXT STD IR      0.498    19:49
EXT STD EC      0.507    19:49
AIR BLANK       0.000    19:49
DIAGNOSTIC OK            19:51
**************************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00018**	**T00018**
Reference Value:	**0.6107**	**0.6107**
	0.597	0.612
	0.598	0.613
	0.598	0.613
	0.595	0.611
	0.597	0.610
Mean:	0.5970	0.6118
SD:	0.0012	0.0013
Bias %:	-2.24	0.18
CV %:	0.20	0.21

.6107
T00018 / DR4468
****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0098
TEST NO.: 00059
DATE: 04/23/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	19:53
AIR BLANK	0.000	19:53
EXT STD IR	0.597	19:53
EXT STD EC	0.612	19:53
AIR BLANK	0.000	19:55
EXT STD IR	0.598	19:56
EXT STD EC	0.613	19:56
AIR BLANK	0.000	19:58
EXT STD IR	0.598	19:58
EXT STD EC	0.613	19:58
AIR BLANK	0.000	20:00
EXT STD IR	0.595	20:01
EXT STD EC	0.611	20:01
AIR BLANK	0.000	20:03
EXT STD IR	0.597	20:03
EXT STD EC	0.610	20:03
AIR BLANK	0.000	20:04
DIAGNOSTIC	OK	20:06

****
OPERATOR SIGNATURE:

S.C. MADSEN 4/23/2013
NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00001	T00001
Reference Value:	0.0203	0.0203
	0.020	0.021
	0.020	0.021
	0.020	0.021
	0.021	0.021
	0.020	0.021
Mean:	0.0202	0.0210
SD:	0.0004	0.0000
Bias %:	-0.49	3.45
CV %:	1.98	0.00

.0203
T00001 / DR2049

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00061
DATE:           04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            08:47
AIR BLANK       0.000    08:47
EXT STD IR      0.020    08:47
EXT STD EC      0.021    08:47
AIR BLANK       0.000    08:49
EXT STD IR      0.020    08:49
EXT STD EC      0.021    08:49
AIR BLANK       0.000    08:51
EXT STD IR      0.020    08:51
EXT STD EC      0.021    08:51
AIR BLANK       0.000    08:52
EXT STD IR      0.021    08:53
EXT STD EC      0.021    08:53
AIR BLANK       0.000    08:54
EXT STD IR      0.020    08:55
EXT STD EC      0.021    08:55
AIR BLANK       0.000    08:55
DIAGNOSTIC OK            08:56
**********************
OPERATOR SIGNATURE:
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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR3069	DR3069
Sim Therm#:	DR3069	DR3069
QAP Batch#:	T00006	T00006
Reference Value:	0.0406	0.0406
	0.041	0.041
	0.041	0.041
	0.041	0.041
	0.041	0.041
	0.041	0.041
Mean:	0.0410	0.0410
SD:	0.0000	0.0000
Bias %:	0.99	0.99
CV %:	0.00	0.00

.0406
T00006/DR3069

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00062
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
              g/210L   TIME
DIAGNOSTIC OK          08:59
AIR BLANK     0.000    08:59
EXT STD IR    0.041    08:59
EXT STD EC    0.041    08:59
AIR BLANK     0.000    09:00
EXT STD IR    0.041    09:01
EXT STD EC    0.041    09:01
AIR BLANK     0.000    09:02
EXT STD IR    0.041    09:03
EXT STD EC    0.041    09:03
AIR BLANK     0.000    09:04
EXT STD IR    0.041    09:05
EXT STD EC    0.041    09:05
AIR BLANK     0.000    09:06
EXT STD IR    0.041    09:07
EXT STD EC    0.041    09:07
AIR BLANK     0.000    09:07
DIAGNOSTIC OK          09:08
**********************
OPERATOR SIGNATURE:
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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00009**	**T00009**
Reference Value:	**0.0599**	**0.0599**
	0.061	0.060
	0.060	0.060
	0.060	0.060
	0.061	0.060
	0.060	0.060
Mean:	0.0604	0.0600
SD:	0.0005	0.0000
Bias %:	0.83	0.17
CV %:	0.83	0.00

.0599
T00009/G7006

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00063
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
              g/210L    TIME
DIAGNOSTIC OK           09:11
AIR BLANK     0.000     09:12
EXT STD IR    0.061     09:12
EXT STD EC    0.060     09:12
AIR BLANK     0.000     09:13
EXT STD IR    0.060     09:14
EXT STD EC    0.060     09:14
AIR BLANK     0.000     09:15
EXT STD IR    0.060     09:16
EXT STD EC    0.060     09:16
AIR BLANK     0.000     09:17
EXT STD IR    0.061     09:18
EXT STD EC    0.060     09:18
AIR BLANK     0.000     09:19
EXT STD IR    0.060     09:20
EXT STD EC    0.060     09:20
AIR BLANK     0.000     09:20
DIAGNOSTIC OK           09:21
**********************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00003**	**T00003**
Reference Value:	**0.0820**	**0.0820**
	0.082	0.082
	0.082	0.082
	0.082	0.082
	0.082	0.082
	0.082	0.082
Mean:	0.0820	0.0820
SD:	0.0000	0.0000
Bias %:	0.00	0.00
CV %:	0.00	0.00

.0820
T00003/DR4468

```
**************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00064
DATE:            04/24/2013
**************************
SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            09:23
AIR BLANK       0.000    09:23
EXT STD IR      0.082    09:24
EXT STD EC      0.082    09:24
AIR BLANK       0.000    09:25
EXT STD IR      0.082    09:26
EXT STD EC      0.082    09:26
AIR BLANK       0.000    09:27
EXT STD IR      0.082    09:28
EXT STD EC      0.082    09:28
AIR BLANK       0.000    09:29
EXT STD IR      0.082    09:30
EXT STD EC      0.082    09:30
AIR BLANK       0.000    09:31
EXT STD IR      0.082    09:32
EXT STD EC      0.082    09:32
AIR BLANK       0.000    09:32
DIAGNOSTIC OK            09:33
**************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00007	T00007
Reference Value:	0.1007	0.1007
	0.101	0.101
	0.102	0.101
	0.102	0.101
	0.102	0.101
	0.101	0.101
Mean:	0.1016	0.1010
SD:	0.0005	0.0000
Bias %:	0.89	0.30
CV %:	0.49	0.00

.1007
T00007/DR2049

```
**************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00065
DATE:            04/24/2013
**************************
SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            09:37
AIR BLANK       0.000    09:37
EXT STD IR      0.101    09:38
EXT STD EC      0.101    09:38
AIR BLANK       0.000    09:39
EXT STD IR      0.102    09:40
EXT STD EC      0.101    09:40
AIR BLANK       0.000    09:41
EXT STD IR      0.102    09:42
EXT STD EC      0.101    09:42
AIR BLANK       0.000    09:43
EXT STD IR      0.102    09:44
EXT STD EC      0.101    09:44
AIR BLANK       0.000    09:45
EXT STD IR      0.101    09:46
EXT STD EC      0.101    09:46
AIR BLANK       0.000    09:47
DIAGNOSTIC OK            09:47
**************************
OPERATOR SIGNATURE:

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```

S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**12050**	**12050**
Reference Value:	**0.1534**	**0.1534**
	0.154	0.153
	0.154	0.153
	0.154	0.154
	0.154	0.154
	0.154	0.155
Mean:	0.1540	0.1538
SD:	0.0000	0.0008
Bias %:	0.39	0.26
CV %:	0.00	0.52

.1534
12050 / DR3069

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**************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00066
DATE:             04/24/2013
**************************
    SUPERVISOR TEST
**************************
              g/210L    TIME
DIAGNOSTIC OK           09:50
AIR BLANK     0.000     09:50
EXT STD IR    0.154     09:51
EXT STD EC    0.153     09:51
AIR BLANK     0.000     09:52
EXT STD IR    0.154     09:53
EXT STD EC    0.153     09:53
AIR BLANK     0.000     09:55
EXT STD IR    0.154     09:55
EXT STD EC    0.154     09:55
AIR BLANK     0.000     09:57
EXT STD IR    0.154     09:57
EXT STD EC    0.154     09:57
AIR BLANK     0.000     09:59
EXT STD IR    0.154     09:59
EXT STD EC    0.155     09:59
AIR BLANK     0.000     10:00
DIAGNOSTIC OK           10:01
**************************
OPERATOR SIGNATURE:
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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	G7006	G7006
Sim Therm#:	B951232	B951232
QAP Batch#:	T00014	T00014
Reference Value:	0.2038	0.2038
	0.202	0.203
	0.204	0.204
	0.204	0.205
	0.205	0.206
	0.205	0.206
Mean:	0.2040	0.2048
SD:	0.0012	0.0013
Bias %:	0.10	0.49
CV %:	0.59	0.63

.2038
T00014/G7006

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00067
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            10:12
AIR BLANK       0.000    10:12
EXT STD IR      0.202    10:12
EXT STD EC      0.203    10:12
AIR BLANK       0.000    10:14
EXT STD IR      0.204    10:14
EXT STD EC      0.204    10:14
AIR BLANK       0.000    10:16
EXT STD IR      0.204    10:16
EXT STD EC      0.205    10:16
AIR BLANK       0.000    10:18
EXT STD IR      0.205    10:18
EXT STD EC      0.206    10:18
AIR BLANK       0.000    10:20
EXT STD IR      0.205    10:21
EXT STD EC      0.206    10:21
AIR BLANK       0.000    10:21
DIAGNOSTIC OK            10:22
**********************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	T00013	T00013
Reference Value:	0.2550	0.2550
	0.254	0.257
	0.255	0.258
	0.255	0.258
	0.254	0.257
	0.254	0.257
Mean:	0.2544	0.2574
SD:	0.0005	0.0005
Bias %:	-0.24	0.94
CV %:	0.20	0.19

.2550
T00013/DR4468

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0098
TEST NO.: 00068
DATE: 04/24/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	10:26
AIR BLANK	0.000	10:26
EXT STD IR	0.254	10:26
EXT STD EC	0.257	10:26
AIR BLANK	0.000	10:28
EXT STD IR	0.255	10:28
EXT STD EC	0.258	10:28
AIR BLANK	0.000	10:30
EXT STD IR	0.255	10:31
EXT STD EC	0.258	10:31
AIR BLANK	0.000	10:32
EXT STD IR	0.254	10:33
EXT STD EC	0.257	10:33
AIR BLANK	0.000	10:35
EXT STD IR	0.254	10:35
EXT STD EC	0.257	10:35
AIR BLANK	0.000	10:36
DIAGNOSTIC	OK	10:37

OPERATOR SIGNATURE:

S.C. MADSEN 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00015**	**T00015**
Reference Value:	**0.3023**	**0.3023**
	0.305	0.309
	0.305	0.308
	0.305	0.307
	0.304	0.307
	0.305	0.307
Mean:	0.3048	0.3076
SD:	0.0004	0.0009
Bias %:	0.83	1.75
CV %:	0.13	0.29

.3023
T00015 / DR2049

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00069
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            10:40
AIR BLANK       0.000    10:40
EXT STD IR      0.305    10:41
EXT STD EC      0.309    10:41
AIR BLANK       0.000    10:42
EXT STD IR      0.305    10:43
EXT STD EC      0.308    10:43
AIR BLANK       0.000    10:45
EXT STD IR      0.305    10:45
EXT STD EC      0.307    10:45
AIR BLANK       0.000    10:47
EXT STD IR      0.304    10:47
EXT STD EC      0.307    10:47
AIR BLANK       0.000    10:49
EXT STD IR      0.305    10:50
EXT STD EC      0.307    10:50
AIR BLANK       0.000    10:50
DIAGNOSTIC OK            10:51
**********************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR3069	DR3069
Sim Therm#:	DR3069	DR3069
QAP Batch#:	T00016	T00016
Reference Value:	0.3558	0.3558
	0.353	0.357
	0.354	0.357
	0.353	0.356
	0.354	0.357
	0.354	0.357
Mean:	0.3536	0.3568
SD:	0.0005	0.0004
Bias %:	-0.62	0.28
CV %:	0.14	0.11

.3558
T00016/DR3069

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0098
TEST NO.: 00070
DATE: 04/24/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	11:00
AIR BLANK	0.000	11:00
EXT STD IR	0.353	11:01
EXT STD EC	0.357	11:01
AIR BLANK	0.000	11:03
EXT STD IR	0.354	11:03
EXT STD EC	0.357	11:03
AIR BLANK	0.000	11:05
EXT STD IR	0.353	11:05
EXT STD EC	0.356	11:05
AIR BLANK	0.000	11:07
EXT STD IR	0.354	11:08
EXT STD EC	0.357	11:08
AIR BLANK	0.000	11:10
EXT STD IR	0.354	11:10
EXT STD EC	0.357	11:10
AIR BLANK	0.000	11:11
DIAGNOSTIC	OK	11:12

OPERATOR SIGNATURE:

S.C. MADSEN 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS DATE

[signature] 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00002**	**T00002**
Reference Value:	**0.4122**	**0.4122**
	0.404	0.409
	0.407	0.414
	0.408	0.415
	0.408	0.416
	0.408	0.415
Mean:	0.4070	0.4138
SD:	0.0017	0.0028
Bias %:	-1.26	0.39
CV %:	0.42	0.68

.4122
T00002/G7006

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*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00072
DATE:           04/24/2013
*************************
SUPERVISOR TEST
*************************
                g/210L   TIME
DIAGNOSTIC OK            12:35
AIR BLANK       0.000    12:35
EXT STD IR      0.404    12:36
EXT STD EC      0.409    12:36
AIR BLANK       0.000    12:38
EXT STD IR      0.407    12:38
EXT STD EC      0.414    12:38
AIR BLANK       0.000    12:40
EXT STD IR      0.408    12:40
EXT STD EC      0.415    12:40
AIR BLANK       0.000    12:42
EXT STD IR      0.408    12:43
EXT STD EC      0.416    12:43
AIR BLANK       0.000    12:45
EXT STD IR      0.408    12:45
EXT STD EC      0.415    12:45
AIR BLANK       0.000    12:46
DIAGNOSTIC OK            12:47
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OPERATOR SIGNATURE:

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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	T00017	T00017
Reference Value:	0.5054	0.5054
	0.500	0.508
	0.502	0.510
	0.502	0.509
	0.501	0.508
	0.503	0.510
Mean:	0.5016	0.5090
SD:	0.0011	0.0010
Bias %:	-0.75	0.71
CV %:	0.22	0.20

.5054
T00017/DR4468

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*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00071
DATE:          04/24/2013
************************
SUPERVISOR TEST
************************
                g/210L   TIME
DIAGNOSTIC OK            11:21
AIR BLANK       0.000    11:21
EXT STD IR      0.500    11:21
EXT STD EC      0.508    11:21
AIR BLANK       0.000    11:23
EXT STD IR      0.502    11:24
EXT STD EC      0.510    11:24
AIR BLANK       0.000    11:26
EXT STD IR      0.502    11:26
EXT STD EC      0.509    11:26
AIR BLANK       0.000    11:28
EXT STD IR      0.501    11:29
EXT STD EC      0.508    11:29
AIR BLANK       0.000    11:31
EXT STD IR      0.503    11:31
EXT STD EC      0.510    11:31
AIR BLANK       0.000    11:32
DIAGNOSTIC OK            11:33
************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 4/24/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00018**	**T00018**
Reference Value:	**0.6107**	**0.6107**
	0.592	0.611
	0.594	0.613
	0.596	0.613
	0.598	0.614
	0.597	0.614
Mean:	0.5954	0.6130
SD:	0.0024	0.0012
Bias %:	-2.51	0.38
CV %:	0.40	0.20

.6107
T00018/DR2049

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0098
TEST NO.: 00073
DATE: 04/24/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	12:53
AIR BLANK	0.000	12:53
EXT STD IR	0.592	12:53
EXT STD EC	0.611	12:53
AIR BLANK	0.000	12:56
EXT STD IR	0.594	12:56
EXT STD EC	0.613	12:56
AIR BLANK	0.000	12:58
EXT STD IR	0.596	12:59
EXT STD EC	0.613	12:59
AIR BLANK	0.000	13:01
EXT STD IR	0.598	13:01
EXT STD EC	0.614	13:01
AIR BLANK	0.000	13:03
EXT STD IR	0.597	13:04
EXT STD EC	0.614	13:04
AIR BLANK	0.000	13:04
DIAGNOSTIC	OK	13:06

OPERATOR SIGNATURE:

S.C. MADSEN 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/24/13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00001**	**T00001**
Reference Value:	**0.0203**	**0.0203**
	0.020	0.021
	0.020	0.021
	0.021	0.021
	0.021	0.021
	0.021	0.021
Mean:	0.0206	0.0210
SD:	0.0005	0.0000
Bias %:	1.48	3.45
CV %:	2.43	0.00

.0203
T00001/DR2049

```
**************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00085
DATE:           04/25/2013
**************************
    SUPERVISOR TEST
**************************
            g/210L    TIME
DIAGNOSTIC OK         09:29
AIR BLANK    0.000    09:30
EXT STD IR   0.020    09:30
EXT STD EC   0.021    09:30
AIR BLANK    0.000    09:31
EXT STD IR   0.020    09:32
EXT STD EC   0.021    09:32
AIR BLANK    0.000    09:33
EXT STD IR   0.021    09:34
EXT STD EC   0.021    09:34
AIR BLANK    0.000    09:35
EXT STD IR   0.021    09:35
EXT STD EC   0.021    09:35
AIR BLANK    0.000    09:37
EXT STD IR   0.021    09:37
EXT STD EC   0.021    09:37
AIR BLANK    0.000    09:38
DIAGNOSTIC OK         09:38
**************************
OPERATOR SIGNATURE:

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```

S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K.L. Doff — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00006**	**T00006**
Reference Value:	**0.0406**	**0.0406**
	0.042	0.042
	0.042	0.042
	0.042	0.042
	0.042	0.042
	0.042	0.042
Mean:	0.0420	0.0420
SD:	0.0000	0.0000
Bias %:	3.45	3.45
CV %:	0.00	0.00

.0406
T00006 / DR4489

```
*************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00083
DATE:           04/25/2013
*************************
    SUPERVISOR TEST
*************************
            g/210L    TIME
DIAGNOSTIC OK         09:06
AIR BLANK    0.000    09:06
EXT STD IR   0.042    09:06
EXT STD EC   0.042    09:06
AIR BLANK    0.000    09:08
EXT STD IR   0.042    09:08
EXT STD EC   0.042    09:08
AIR BLANK    0.000    09:10
EXT STD IR   0.042    09:10
EXT STD EC   0.042    09:10
AIR BLANK    0.000    09:12
EXT STD IR   0.042    09:12
EXT STD EC   0.042    09:12
AIR BLANK    0.000    09:14
EXT STD IR   0.042    09:14
EXT STD EC   0.042    09:14
AIR BLANK    0.000    09:15
DIAGNOSTIC OK         09:15
*************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K.L. [signature] — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	G7006	G7006
Sim Therm#:	B951232	B951232
QAP Batch#:	T00009	T00009
Reference Value:	0.0599	0.0599
	0.060	0.060
	0.061	0.061
	0.061	0.061
	0.061	0.061
	0.061	0.061
Mean:	0.0608	0.0608
SD:	0.0004	0.0004
Bias %:	1.50	1.50
CV %:	0.66	0.66

.0599
T00009/G7006

```
**************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00084
DATE:           04/25/2013
**************************
    SUPERVISOR TEST
**************************
            g/210L    TIME
DIAGNOSTIC OK         09:17
AIR BLANK    0.000    09:17
EXT STD IR   0.060    09:18
EXT STD EC   0.060    09:18
AIR BLANK    0.000    09:19
EXT STD IR   0.061    09:20
EXT STD EC   0.061    09:20
AIR BLANK    0.000    09:21
EXT STD IR   0.061    09:22
EXT STD EC   0.061    09:22
AIR BLANK    0.000    09:23
EXT STD IR   0.061    09:24
EXT STD EC   0.061    09:24
AIR BLANK    0.000    09:25
EXT STD IR   0.061    09:25
EXT STD EC   0.061    09:25
AIR BLANK    0.000    09:26
DIAGNOSTIC OK         09:27
**************************
OPERATOR SIGNATURE:
```

S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K.L. Dff — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00003**	**T00003**
Reference Value:	**0.0820**	**0.0820**
	0.082	0.083
	0.083	0.083
	0.083	0.082
	0.083	0.083
	0.083	0.083
Mean:	0.0828	0.0828
SD:	0.0004	0.0004
Bias %:	0.98	0.98
CV %:	0.48	0.48

.0820
T00003 / DR2049

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00079
DATE:           04/25/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            08:26
AIR BLANK       0.000    08:26
EXT STD IR      0.082    08:26
EXT STD EC      0.083    08:26
AIR BLANK       0.000    08:28
EXT STD IR      0.083    08:28
EXT STD EC      0.083    08:28
AIR BLANK       0.000    08:30
EXT STD IR      0.083    08:30
EXT STD EC      0.082    08:30
AIR BLANK       0.000    08:32
EXT STD IR      0.083    08:32
EXT STD EC      0.083    08:32
AIR BLANK       0.000    08:34
EXT STD IR      0.083    08:34
EXT STD EC      0.083    08:34
AIR BLANK       0.000    08:35
DIAGNOSTIC OK            08:36
**********************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K.L. D — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00007**	**T00007**
Reference Value:	**0.1007**	**0.1007**
	0.101	0.101
	0.101	0.101
	0.102	0.102
	0.101	0.102
	0.101	0.102
Mean:	0.1012	0.1016
SD:	0.0004	0.0005
Bias %:	0.50	0.89
CV %:	0.40	0.49

.1007
T00007/DR3069

```
*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00086
DATE:             04/25/2013
*************************
SUPERVISOR TEST
*************************
                g/210L    TIME
DIAGNOSTIC OK             09:42
AIR BLANK       0.000     09:42
EXT STD IR      0.101     09:43
EXT STD EC      0.101     09:43
AIR BLANK       0.000     09:44
EXT STD IR      0.101     09:45
EXT STD EC      0.101     09:45
AIR BLANK       0.000     09:46
EXT STD IR      0.102     09:47
EXT STD EC      0.102     09:47
AIR BLANK       0.000     09:48
EXT STD IR      0.101     09:49
EXT STD EC      0.102     09:49
AIR BLANK       0.000     09:50
EXT STD IR      0.101     09:51
EXT STD EC      0.102     09:51
AIR BLANK       0.000     09:51
DIAGNOSTIC OK             09:52
*************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K L Toff — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	12050	12050
Reference Value:	0.1534	0.1534
	0.154	0.154
	0.154	0.155
	0.155	0.156
	0.155	0.156
	0.155	0.157
Mean:	0.1546	0.1556
SD:	0.0005	0.0011
Bias %:	0.78	1.43
CV %:	0.32	0.71

12050/DR4468

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00087
DATE:            04/25/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            09:58
AIR BLANK       0.000    09:58
EXT STD IR      0.154    09:59
EXT STD EC      0.154    09:59
AIR BLANK       0.000    10:01
EXT STD IR      0.154    10:01
EXT STD EC      0.155    10:01
AIR BLANK       0.000    10:03
EXT STD IR      0.155    10:03
EXT STD EC      0.156    10:03
AIR BLANK       0.000    10:05
EXT STD IR      0.155    10:05
EXT STD EC      0.156    10:05
AIR BLANK       0.000    10:07
EXT STD IR      0.155    10:07
EXT STD EC      0.157    10:07
AIR BLANK       0.000    10:08
DIAGNOSTIC OK            10:09
**********************
OPERATOR SIGNATURE:

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```

S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K.L. Duff — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00014**	**T00014**
Reference Value:	**0.2038**	**0.2038**
	0.204	0.208
	0.205	0.208
	0.205	0.208
	0.205	0.208
	0.205	0.207
Mean:	0.2048	0.2078
SD:	0.0004	0.0004
Bias %:	0.49	1.96
CV %:	0.20	0.19

S.C. MADSEN 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

K L Daff 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

.2038

T00014/G7006

```
**************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00089
DATE:            04/25/2013
**************************
SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            10:28
AIR BLANK       0.000    10:28
EXT STD IR      0.204    10:29
EXT STD EC      0.208    10:29
AIR BLANK       0.000    10:30
EXT STD IR      0.205    10:31
EXT STD EC      0.208    10:31
AIR BLANK       0.000    10:32
EXT STD IR      0.205    10:33
EXT STD EC      0.208    10:33
AIR BLANK       0.000    10:35
EXT STD IR      0.205    10:35
EXT STD EC      0.208    10:35
AIR BLANK       0.000    10:37
EXT STD IR      0.205    10:37
EXT STD EC      0.207    10:37
AIR BLANK       0.000    10:38
DIAGNOSTIC OK            10:39
**************************
OPERATOR SIGNATURE:

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METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00013**	**T00013**
Reference Value:	**0.2550**	**0.2550**
	0.255	0.257
	0.255	0.258
	0.256	0.259
	0.256	0.260
	0.256	0.260
Mean:	0.2556	0.2588
SD:	0.0005	0.0013
Bias %:	0.24	1.49
CV %:	0.20	0.50

.2550
T00013/DR2049

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00088
DATE:          04/25/2013
**********************
SUPERVISOR TEST
**********************
              g/210L   TIME
DIAGNOSTIC OK          10:14
AIR BLANK     0.000    10:14
EXT STD IR    0.255    10:15
EXT STD EC    0.257    10:15
AIR BLANK     0.000    10:16
EXT STD IR    0.255    10:17
EXT STD EC    0.258    10:17
AIR BLANK     0.000    10:19
EXT STD IR    0.256    10:19
EXT STD EC    0.259    10:19
AIR BLANK     0.000    10:21
EXT STD IR    0.256    10:21
EXT STD EC    0.260    10:21
AIR BLANK     0.000    10:23
EXT STD IR    0.256    10:23
EXT STD EC    0.260    10:23
AIR BLANK     0.000    10:24
DIAGNOSTIC OK          10:25
**********************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K L D — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00015**	**T00015**
Reference Value:	**0.3023**	**0.3023**
	0.303	0.307
	0.303	0.309
	0.303	0.308
	0.304	0.309
	0.305	0.310
Mean:	0.3036	0.3086
SD:	0.0009	0.0011
Bias %:	0.43	2.08
CV %:	0.30	0.36

.3023
T00015 / DR3069

```
*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00090
DATE:            04/25/2013
*************************
SUPERVISOR TEST
*************************
                g/210L   TIME
DIAGNOSTIC OK            10:41
AIR BLANK       0.000    10:41
EXT STD IR      0.303    10:41
EXT STD EC      0.307    10:41
AIR BLANK       0.000    10:43
EXT STD IR      0.303    10:43
EXT STD EC      0.309    10:43
AIR BLANK       0.000    10:45
EXT STD IR      0.303    10:46
EXT STD EC      0.308    10:46
AIR BLANK       0.000    10:48
EXT STD IR      0.304    10:48
EXT STD EC      0.309    10:48
AIR BLANK       0.000    10:50
EXT STD IR      0.305    10:50
EXT STD EC      0.310    10:50
AIR BLANK       0.000    10:51
DIAGNOSTIC OK            10:52
*************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K L Daff — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00016**	**T00016**
Reference Value:	**0.3558**	**0.3558**
	0.351	0.355
	0.351	0.355
	0.353	0.355
	0.354	0.357
	0.354	0.357
Mean:	0.3526	0.3558
SD:	0.0015	0.0011
Bias %:	-0.90	0.00
CV %:	0.43	0.31

.3558
T00016/DR4468

```
**************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00092
DATE:            04/25/2013
**************************
SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            11:08
AIR BLANK       0.000    11:08
EXT STD IR      0.351    11:09
EXT STD EC      0.355    11:09
AIR BLANK       0.000    11:11
EXT STD IR      0.351    11:11
EXT STD EC      0.355    11:11
AIR BLANK       0.000    11:13
EXT STD IR      0.353    11:13
EXT STD EC      0.355    11:13
AIR BLANK       0.000    11:15
EXT STD IR      0.354    11:16
EXT STD EC      0.357    11:16
AIR BLANK       0.000    11:18
EXT STD IR      0.354    11:18
EXT STD EC      0.357    11:18
AIR BLANK       0.000    11:19
DIAGNOSTIC OK            11:20
**************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K [illegible] — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00002**	**T00002**
Reference Value:	**0.4122**	**0.4122**
	0.399	0.405
	0.402	0.408
	0.404	0.409
	0.405	0.410
	0.406	0.411
Mean:	0.4032	0.4086
SD:	0.0028	0.0023
Bias %:	-2.18	-0.87
CV %:	0.69	0.56

.4122
T00002/G7006

```
*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00091
DATE:            04/25/2013
*************************
SUPERVISOR TEST
*************************
                g/210L   TIME
DIAGNOSTIC OK            10:55
AIR BLANK       0.000    10:55
EXT STD IR      0.399    10:56
EXT STD EC      0.405    10:56
AIR BLANK       0.000    10:57
EXT STD IR      0.402    10:58
EXT STD EC      0.408    10:58
AIR BLANK       0.000    11:00
EXT STD IR      0.404    11:00
EXT STD EC      0.409    11:00
AIR BLANK       0.000    11:02
EXT STD IR      0.405    11:03
EXT STD EC      0.410    11:03
AIR BLANK       0.000    11:05
EXT STD IR      0.406    11:05
EXT STD EC      0.411    11:05
AIR BLANK       0.000    11:06
DIAGNOSTIC OK            11:07
*************************
OPERATOR SIGNATURE:

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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

K L D — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00017**	**T00017**
Reference Value:	**0.5054**	**0.5054**
	0.491	0.497
	0.493	0.498
	0.492	0.497
	0.493	0.498
	0.493	0.498
Mean:	0.4924	0.4976
SD:	0.0009	0.0005
Bias %:	-2.57	-1.54
CV %:	0.18	0.10

.5054
T00017/DR2049

```
**************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:        ARAH-0098
TEST NO.:              00094
DATE:             04/25/2013
**************************
    SUPERVISOR TEST
**************************
              g/210L    TIME
DIAGNOSTIC OK          11:40
AIR BLANK     0.000    11:40
EXT STD IR    0.491    11:40
EXT STD EC    0.497    11:40
AIR BLANK     0.000    11:42
EXT STD IR    0.493    11:43
EXT STD EC    0.498    11:43
AIR BLANK     0.000    11:45
EXT STD IR    0.492    11:45
EXT STD EC    0.497    11:45
AIR BLANK     0.000    11:47
EXT STD IR    0.493    11:48
EXT STD EC    0.498    11:48
AIR BLANK     0.000    11:50
EXT STD IR    0.493    11:50
EXT STD EC    0.498    11:50
AIR BLANK     0.000    11:51
DIAGNOSTIC OK          11:52
**************************
OPERATOR SIGNATURE:
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S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

[signature] — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0098

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00018**	**T00018**
Reference Value:	**0.6107**	**0.6107**
	0.596	0.609
	0.600	0.613
	0.601	0.614
	0.599	0.611
	0.599	0.611
Mean:	0.5990	0.6116
SD:	0.0019	0.0019
Bias %:	-1.92	0.15
CV %:	0.32	0.31

.6107
T00018/G7006

```
*************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0098
TEST NO.:            00096
DATE:           04/25/2013
*************************
   SUPERVISOR TEST
*************************
              g/210L    TIME
DIAGNOSTIC OK           12:38
AIR BLANK     0.000     12:38
EXT STD IR    0.596     12:39
EXT STD EC    0.609     12:39
AIR BLANK     0.000     12:41
EXT STD IR    0.600     12:41
EXT STD EC    0.613     12:41
AIR BLANK     0.000     12:44
EXT STD IR    0.601     12:44
EXT STD EC    0.614     12:44
AIR BLANK     0.000     12:46
EXT STD IR    0.599     12:47
EXT STD EC    0.611     12:47
AIR BLANK     0.000     12:49
EXT STD IR    0.599     12:49
EXT STD EC    0.611     12:49
AIR BLANK     0.000     12:50
DIAGNOSTIC OK           12:51
*************************
OPERATOR SIGNATURE:

_________________________
```

S.C. MADSEN — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00001	T00001
Reference Value:	0.0203	0.0203
	0.019	0.022
	0.020	0.021
	0.020	0.021
	0.020	0.021
	0.020	0.021
Mean:	0.0198	0.0212
SD:	0.0004	0.0004
Bias %:	-2.46	4.43
CV %:	2.02	1.89

DR2049
T00001

```
*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00069
DATE:          04/23/2013
*************************
SUPERVISOR TEST
*************************
                g/210L   TIME
DIAGNOSTIC OK            19:52
AIR BLANK       0.000    19:52
EXT STD IR      0.019    19:52
EXT STD EC      0.022    19:52
AIR BLANK       0.000    19:54
EXT STD IR      0.020    19:54
EXT STD EC      0.021    19:54
AIR BLANK       0.000    19:55
EXT STD IR      0.020    19:56
EXT STD EC      0.021    19:56
AIR BLANK       0.000    19:57
EXT STD IR      0.020    19:58
EXT STD EC      0.021    19:58
AIR BLANK       0.000    19:59
EXT STD IR      0.020    20:00
EXT STD EC      0.021    20:00
AIR BLANK       0.000    20:00
DIAGNOSTIC OK            20:01
*************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

R. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00006	T00006
Reference Value:	0.0406	0.0406
	0.040	0.041
	0.040	0.041
	0.040	0.042
	0.040	0.042
	0.040	0.042
Mean:	0.0400	0.0416
SD:	0.0000	0.0005
Bias %:	-1.48	2.46
CV %:	0.00	1.20

DR2049
T00006

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00055
DATE:          04/23/2013
************************
    SUPERVISOR TEST
************************
              g/210L   TIME
DIAGNOSTIC OK          16:41
AIR BLANK    0.000     16:41
EXT STD IR   0.040     16:41
EXT STD EC   0.041     16:41
AIR BLANK    0.000     16:43
EXT STD IR   0.040     16:43
EXT STD EC   0.041     16:43
AIR BLANK    0.000     16:44
EXT STD IR   0.040     16:45
EXT STD EC   0.042     16:45
AIR BLANK    0.000     16:46
EXT STD IR   0.040     16:47
EXT STD EC   0.042     16:47
AIR BLANK    0.000     16:48
EXT STD IR   0.040     16:49
EXT STD EC   0.042     16:49
AIR BLANK    0.000     16:49
DIAGNOSTIC OK          16:50
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00009**	**T00009**
Reference Value:	**0.0599**	**0.0599**
	0.060	0.061
	0.060	0.061
	0.061	0.062
	0.060	0.062
	0.060	0.062
Mean:	0.0602	0.0616
SD:	0.0004	0.0005
Bias %:	0.50	2.84
CV %:	0.66	0.81

DR3069
T00009

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00056
DATE:           04/23/2013
**********************
SUPERVISOR TEST
**********************
              g/210L    TIME
DIAGNOSTIC OK           16:53
AIR BLANK     0.000     16:53
EXT STD IR    0.060     16:54
EXT STD EC    0.061     16:54
AIR BLANK     0.000     16:55
EXT STD IR    0.060     16:55
EXT STD EC    0.061     16:55
AIR BLANK     0.000     16:57
EXT STD IR    0.061     16:57
EXT STD EC    0.062     16:57
AIR BLANK     0.000     16:59
EXT STD IR    0.060     16:59
EXT STD EC    0.062     16:59
AIR BLANK     0.000     17:01
EXT STD IR    0.060     17:01
EXT STD EC    0.062     17:01
AIR BLANK     0.000     17:02
DIAGNOSTIC OK           17:03
**********************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00003**	**T00003**
Reference Value:	**0.0820**	**0.0820**
	0.081	0.082
	0.082	0.083
	0.083	0.084
	0.082	0.084
	0.083	0.083
Mean:	0.0822	0.0832
SD:	0.0008	0.0008
Bias %:	0.24	1.46
CV %:	0.97	0.96

DR4468
T00003

```
************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00057
DATE:           04/23/2013
************************
    SUPERVISOR TEST
************************
            g/210L    TIME
DIAGNOSTIC OK        17:05
AIR BLANK    0.000   17:05
EXT STD IR   0.081   17:05
EXT STD EC   0.082   17:05
AIR BLANK    0.000   17:07
EXT STD IR   0.082   17:07
EXT STD EC   0.083   17:07
AIR BLANK    0.000   17:09
EXT STD IR   0.083   17:09
EXT STD EC   0.084   17:09
AIR BLANK    0.000   17:11
EXT STD IR   0.082   17:11
EXT STD EC   0.084   17:11
AIR BLANK    0.000   17:13
EXT STD IR   0.083   17:13
EXT STD EC   0.083   17:13
AIR BLANK    0.000   17:14
DIAGNOSTIC OK        17:15
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	T00007	T00007
Reference Value:	0.1007	0.1007
	0.100	0.101
	0.102	0.102
	0.102	0.102
	0.102	0.103
	0.102	0.103
Mean:	0.1016	0.1022
SD:	0.0009	0.0008
Bias %:	0.89	1.49
CV %:	0.89	0.78

DR4468
T00007

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00059
DATE:            04/23/2013
************************
   SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK           17:30
AIR BLANK     0.000     17:30
EXT STD IR    0.100     17:30
EXT STD EC    0.101     17:30
AIR BLANK     0.000     17:32
EXT STD IR    0.102     17:32
EXT STD EC    0.102     17:32
AIR BLANK     0.000     17:34
EXT STD IR    0.102     17:34
EXT STD EC    0.102     17:34
AIR BLANK     0.000     17:36
EXT STD IR    0.102     17:36
EXT STD EC    0.103     17:36
AIR BLANK     0.000     17:38
EXT STD IR    0.102     17:38
EXT STD EC    0.103     17:38
AIR BLANK,    0.000     17:39
DIAGNOSTIC OK           17:40
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR4978	DR4978
Sim Therm#:	DR4978	DR4978
QAP Batch#:	12050	12050
Reference Value:	0.1534	0.1534
	0.153	0.152
	0.154	0.154
	0.154	0.154
	0.155	0.154
	0.155	0.154
Mean:	0.1542	0.1536
SD:	0.0008	0.0009
Bias %:	0.52	0.13
CV %:	0.52	0.59

12050
DR4978

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00060
DATE:          04/23/2013
************************
    SUPERVISOR TEST
************************
              g/210L   TIME
DIAGNOSTIC OK          17:41
AIR BLANK     0.000    17:41
EXT STD IR    0.153    17:42
EXT STD EC    0.152    17:42
AIR BLANK     0.000    17:43
EXT STD IR    0.154    17:44
EXT STD EC    0.154    17:44
AIR BLANK     0.000    17:45
EXT STD IR    0.154    17:46
EXT STD EC    0.154    17:46
AIR BLANK     0.000    17:47
EXT STD IR    0.155    17:48
EXT STD EC    0.154    17:48
AIR BLANK     0.000    17:50
EXT STD IR    0.155    17:50
EXT STD EC    0.154    17:50
AIR BLANK     0.000    17:51
DIAGNOSTIC OK          17:52
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4465**	**DR4465**
Sim Therm#:	**DR4465**	**DR4465**
QAP Batch#:	**T00014**	**T00014**
Reference Value:	**0.2038**	**0.2038**
	0.204	0.205
	0.207	0.207
	0.208	0.208
	0.208	0.208
	0.208	0.207
Mean:	0.2070	0.2070
SD:	0.0017	0.0012
Bias %:	1.57	1.57
CV %:	0.82	0.58

DR4465
T00014

```
************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00058
DATE:           04/23/2013
************************
    SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK          17:16
AIR BLANK     0.000    17:16
EXT STD IR    0.204    17:17
EXT STD EC    0.205    17:17
AIR BLANK     0.000    17:18
EXT STD IR    0.207    17:19
EXT STD EC    0.207    17:19
AIR BLANK     0.000    17:20
EXT STD IR    0.208    17:21
EXT STD EC    0.208    17:21
AIR BLANK     0.000    17:23
EXT STD IR    0.208    17:23
EXT STD EC    0.208    17:23
AIR BLANK     0.000    17:25
EXT STD IR    0.208    17:25
EXT STD EC    0.207    17:25
AIR BLANK     0.000    17:26
DIAGNOSTIC OK          17:27
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4978**	**DR4978**
Sim Therm#:	**DR4978**	**DR4978**
QAP Batch#:	**T00013**	**T00013**
Reference Value:	**0.2550**	**0.2550**
	0.257	0.256
	0.257	0.256
	0.257	0.257
	0.258	0.257
	0.258	0.257
Mean:	0.2574	0.2566
SD:	0.0005	0.0005
Bias %:	0.94	0.63
CV %:	0.19	0.19

DR4978
T00013

```
*************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00062
DATE:           04/23/2013
*************************
    SUPERVISOR TEST
*************************
            g/210L    TIME
DIAGNOSTIC OK         18:12
AIR BLANK    0.000    18:12
EXT STD IR   0.257    18:12
EXT STD EC   0.256    18:12
AIR BLANK    0.000    18:14
EXT STD IR   0.257    18:14
EXT STD EC   0.256    18:14
AIR BLANK    0.000    18:16
EXT STD IR   0.257    18:16
EXT STD EC   0.257    18:16
AIR BLANK    0.000    18:18
EXT STD IR   0.258    18:19
EXT STD EC   0.257    18:19
AIR BLANK    0.000    18:20
EXT STD IR   0.258    18:21
EXT STD EC   0.257    18:21
AIR BLANK    0.000    18:22
DIAGNOSTIC OK         18:23
*************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00015**	**T00015**
Reference Value:	**0.3023**	**0.3023**
	0.302	0.301
	0.307	0.304
	0.307	0.305
	0.308	0.306
	0.308	0.307
Mean:	0.3064	0.3046
SD:	0.0025	0.0023
Bias %:	1.36	0.76
CV.%:	0.82	0.76

DR2049
T00015

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00063
DATE:           04/23/2013
************************
   SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK           18:25
AIR BLANK     0.000     18:25
EXT STD IR    0.302     18:26
EXT STD EC    0.301     18:26
AIR BLANK     0.000     18:28
EXT STD IR    0.307     18:28
EXT STD EC    0.304     18:28
AIR BLANK     0.000     18:30
EXT STD IR    0.307     18:30
EXT STD EC    0.305     18:30
AIR BLANK     0.000     18:32
EXT STD IR    0.308     18:33
EXT STD EC    0.306     18:33
AIR BLANK     0.000     18:34
EXT STD IR    0.308     18:35
EXT STD EC    0.307     18:35
AIR BLANK     0.000     18:36
DIAGNOSTIC OK           18:37
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00016**	**T00016**
Reference Value:	**0.3558**	**0.3558**
	0.351	0.349
	0.356	0.354
	0.356	0.354
	0.357	0.354
	0.356	0.353
Mean:	0.3552	0.3528
SD:	0.0024	0.0022
Bias %:	-0.17	-0.84
CV %:	0.68	0.62

DR3069
T00016

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00065
DATE:          04/23/2013
************************
   SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK          18:42
AIR BLANK     0.000    18:42
EXT STD IR    0.351    18:42
EXT STD EC    0.349    18:42
AIR BLANK     0.000    18:44
EXT STD IR    0.356    18:44
EXT STD EC    0.354    18:44
AIR BLANK     0.000    18:46
EXT STD IR    0.356    18:47
EXT STD EC    0.354    18:47
AIR BLANK     0.000    18:49
EXT STD IR    0.357    18:49
EXT STD EC    0.354    18:49
AIR BLANK     0.000    18:51
EXT STD IR    0.356    18:51
EXT STD EC    0.353    18:51
AIR BLANK     0.000    18:52
DIAGNOSTIC OK          18:53
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	G7006	G7006
Sim Therm#:	B951232	B951232
QAP Batch#:	T00002	T00002
Reference Value:	0.4122	0.4122
	0.405	0.404
	0.409	0.410
	0.410	0.412
	0.412	0.415
	0.414	0.418
Mean:	0.4100	0.4118
SD:	0.0034	0.0053
Bias %:	-0.53	-0.10
CV %:	0.83	1.29

T00002
G7006

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00052
DATE:          04/23/2013
************************
   SUPERVISOR TEST
************************
                g/210L   TIME
DIAGNOSTIC OK            16:09
AIR BLANK       0.000    16:09
EXT STD IR      0.405    16:09
EXT STD EC      0.404    16:09
AIR BLANK       0.000    16:11
EXT STD IR      0.409    16:12
EXT STD EC      0.410    16:12
AIR BLANK       0.000    16:14
EXT STD IR      0.410    16:14
EXT STD EC      0.412    16:14
AIR BLANK       0.000    16:16
EXT STD IR      0.412    16:16
EXT STD EC      0.415    16:16
AIR BLANK       0.000    16:18
EXT STD IR      0.414    16:19
EXT STD EC      0.418    16:19
AIR BLANK       0.000    16:19
DIAGNOSTIC OK            16:21
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/23/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR4978	DR4978
Sim Therm#:	DR4978	DR4978
QAP Batch#:	T00017	T00017
Reference Value:	0.5054	0.5054
	0.489	0.489
	0.499	0.498
	0.503	0.502
	0.504	0.503
	0.505	0.504
Mean:	0.5000	0.4992
SD:	0.0066	0.0061
Bias %:	-1.07	-1.23
CV %:	1.32	1.22

DR4978
T00017

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00066
DATE:          04/23/2013
************************
    SUPERVISOR TEST
************************
              g/210L   TIME
DIAGNOSTIC OK          18:56
AIR BLANK     0.000    18:57
EXT STD IR    0.489    18:57
EXT STD EC    0.489    18:57
AIR BLANK     0.000    18:59
EXT STD IR    0.499    18:59
EXT STD EC    0.498    18:59
AIR BLANK     0.000    19:01
EXT STD IR    0.503    19:02
EXT STD EC    0.502    19:02
AIR BLANK     0.000    19:04
EXT STD IR    0.504    19:04
EXT STD EC    0.503    19:04
AIR BLANK     0.000    19:06
EXT STD IR    0.505    19:07
EXT STD EC    0.504    19:07
AIR BLANK     0.000    19:08
DIAGNOSTIC OK          19:09
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00018**	**T00018**
Reference Value:	**0.6107**	**0.6107**
	0.591	0.598
	0.602	0.608
	0.605	0.611
	0.608	0.613
	0.609	0.614
Mean:	0.6030	0.6088
SD:	0.0072	0.0065
Bias %:	-1.26	-0.31
CV %:	1.19	1.07

DR4468
T00018

```
**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00067
DATE:          04/23/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            19:22
AIR BLANK       0.000    19:22
EXT STD IR      0.591    19:23
EXT STD EC      0.598    19:23
AIR BLANK       0.000    19:25
EXT STD IR      0.602    19:25
EXT STD EC      0.608    19:25
AIR BLANK       0.000    19:28
EXT STD IR      0.605    19:28
EXT STD EC      0.611    19:28
AIR BLANK       0.000    19:30
EXT STD IR      0.608    19:31
EXT STD EC      0.613    19:31
AIR BLANK       0.000    19:33
EXT STD IR      0.609    19:33
EXT STD EC      0.614    19:33
AIR BLANK       0.000    19:34
DIAGNOSTIC OK            19:35
**********************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer — 4/23/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00001**	**T00001**
Reference Value:	**0.0203**	**0.0203**
	0.020	0.020
	0.020	0.021
	0.021	0.021
	0.020	0.020
	0.020	0.020
Mean:	0.0202	0.0204
SD:	0.0004	0.0005
Bias %:	-0.49	0.49
CV %:	1.98	2.45

Ruth Gamer 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

T00001 / DR2049

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00071
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
              g/210L   TIME
DIAGNOSTIC OK          07:59
AIR BLANK     0.000    07:59
EXT STD IR    0.020    07:59
EXT STD EC    0.020    07:59
AIR BLANK     0.000    08:01
EXT STD IR    0.020    08:01
EXT STD EC    0.021    08:01
AIR BLANK     0.000    08:02
EXT STD IR    0.021    08:03
EXT STD EC    0.021    08:03
AIR BLANK     0.000    08:04
EXT STD IR    0.020    08:05
EXT STD EC    0.020    08:05
AIR BLANK     0.000    08:06
EXT STD IR    0.020    08:07
EXT STD EC    0.020    08:07
AIR BLANK     0.000    08:07
DIAGNOSTIC OK          08:08
**********************
OPERATOR SIGNATURE:
Ruth Gamer
```

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR3069	DR3069
Sim Therm#:	DR3069	DR3069
QAP Batch#:	T00006	T00006
Reference Value:	0.0406	0.0406
	0.041	0.040
	0.041	0.041
	0.041	0.041
	0.041	0.041
	0.041	0.041
Mean:	0.0410	0.0408
SD:	0.0000	0.0004
Bias %:	0.99	0.49
CV %:	0.00	0.98

T00006/DR3069

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**************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00073
DATE:          04/24/2013
**************************
SUPERVISOR TEST
**************************
                g/210L   TIME
DIAGNOSTIC OK            08:24
AIR BLANK       0.000    08:24
EXT STD IR      0.041    08:24
EXT STD EC      0.040    08:24
AIR BLANK       0.000    08:25
EXT STD IR      0.041    08:26
EXT STD EC      0.041    08:26
AIR BLANK       0.000    08:27
EXT STD IR      0.041    08:28
EXT STD EC      0.041    08:28
AIR BLANK       0.000    08:29
EXT STD IR      0.041    08:30
EXT STD EC      0.041    08:30
AIR BLANK       0.000    08:31
EXT STD IR      0.041    08:32
EXT STD EC      0.041    08:32
AIR BLANK       0.000    08:32
DIAGNOSTIC OK            08:33
**************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00009**	**T00009**
Reference Value:	**0.0599**	**0.0599**
	0.060	0.060
	0.061	0.060
	0.061	0.061
	0.061	0.061
	0.061	0.061
Mean:	0.0608	0.0606
SD:	0.0004	0.0005
Bias %:	1.50	1.17
CV %:	0.66	0.83

T00009 / G7006

```
*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00074
DATE:          04/24/2013
*************************
SUPERVISOR TEST
*************************
                g/210L   TIME
DIAGNOSTIC OK            08:38
AIR BLANK       0.000    08:38
EXT STD IR      0.060    08:38
EXT STD EC      0.060    08:38
AIR BLANK       0.000    08:40
EXT STD IR      0.061    08:40
EXT STD EC      0.060    08:40
AIR BLANK       0.000    08:42
EXT STD IR      0.061    08:42
EXT STD EC      0.061    08:42
AIR BLANK       0.000    08:44
EXT STD IR      0.061    08:44
EXT STD EC      0.061    08:44
AIR BLANK       0.000    08:46
EXT STD IR      0.061    08:46
EXT STD EC      0.061    08:46
AIR BLANK       0.000    08:47
DIAGNOSTIC OK            08:48
*************************
OPERATOR SIGNATURE:
```

Ruth Cramer — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00003**	**T00003**
Reference Value:	**0.0820**	**0.0820**
	0.083	0.081
	0.083	0.082
	0.084	0.083
	0.084	0.082
	0.084	0.083
Mean:	0.0836	0.0822
SD:	0.0005	0.0008
Bias %:	1.95	0.24
CV %:	0.60	0.97

T00003/DR4468

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00075
DATE:           04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            08:50

AIR BLANK       0.000    08:50
EXT STD IR      0.083    08:51
EXT STD EC      0.081    08:51
AIR BLANK       0.000    08:52
EXT STD IR      0.083    08:53
EXT STD EC      0.082    08:53
AIR BLANK       0.000    08:54
EXT STD IR      0.084    08:55
EXT STD EC      0.083    08:55
AIR BLANK       0.000    08:56
EXT STD IR      0.084    08:57
EXT STD EC      0.082    08:57
AIR BLANK       0.000    08:58
EXT STD IR      0.084    08:59
EXT STD EC      0.083    08:59
AIR BLANK       0.000    08:59
DIAGNOSTIC OK            09:00
**********************
OPERATOR SIGNATURE:
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Ruth Cramer

Ruth Cramer — 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00007**	**T00007**
Reference Value:	**0.1007**	**0.1007**
	0.101	0.100
	0.102	0.100
	0.102	0.101
	0.102	0.101
	0.103	0.101
Mean:	0.1020	0.1006
SD:	0.0007	0.0005
Bias %:	1.29	-0.10
CV %:	0.69	0.50

Ruth Cramer 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

T00007/DR2049

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00076
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            09:20
AIR BLANK       0.000    09:20
EXT STD IR      0.101    09:20
EXT STD EC      0.100    09:20
AIR BLANK       0.000    09:22
EXT STD IR      0.102    09:22
EXT STD EC      0.100    09:22
AIR BLANK       0.000    09:24
EXT STD IR      0.102    09:24
EXT STD EC      0.101    09:24
AIR BLANK       0.000    09:26
EXT STD IR      0.102    09:26
EXT STD EC      0.101    09:26
AIR BLANK       0.000    09:28
EXT STD IR      0.103    09:28
EXT STD EC      0.101    09:28
AIR BLANK       0.000    09:29
DIAGNOSTIC OK            09:30
**********************
OPERATOR SIGNATURE:
Ruth Cramer
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METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR3069	DR3069
Sim Therm#:	DR3069	DR3069
QAP Batch#:	12050	12050
Reference Value:	0.1534	0.1534
	0.155	0.153
	0.155	0.154
	0.156	0.154
	0.156	0.154
	0.156	0.155
Mean:	0.1556	0.1540
SD:	0.0005	0.0007
Bias %:	1.43	0.39
CV %:	0.32	0.45

12050/DR3069

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00078
DATE:          04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            09:36
AIR BLANK       0.000    09:37
EXT STD IR      0.155    09:37
EXT STD EC      0.153    09:37
AIR BLANK       0.000    09:39
EXT STD IR      0.155    09:39
EXT STD EC      0.154    09:39
AIR BLANK       0.000    09:41
EXT STD IR      0.156    09:41
EXT STD EC      0.154    09:41
AIR BLANK       0.000    09:43
EXT STD IR      0.156    09:43
EXT STD EC      0.154    09:43
AIR BLANK       0.000    09:45
EXT STD IR      0.156    09:45
EXT STD EC      0.155    09:45
AIR BLANK       0.000    09:46
DIAGNOSTIC OK            09:47
**********************
OPERATOR SIGNATURE:
Ruth Gamer
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Ruth Gamer — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	G7006	G7006
Sim Therm#:	B951232	B951232
QAP Batch#:	T00014	T00014
Reference Value:	0.2038	0.2038
	0.207	0.204
	0.207	0.206
	0.208	0.207
	0.208	0.207
	0.208	0.208
Mean:	0.2076	0.2064
SD:	0.0005	0.0015
Bias %:	1.86	1.28
CV %:	0.24	0.73

Ruth Gamez 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

TO 0014/G7006

****
WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0091
TEST NO.: 00079
DATE: 04/24/2013
****
SUPERVISOR TEST
****

	g/210L	TIME
DIAGNOSTIC	OK	09:50
AIR BLANK	0.000	09:50
EXT STD IR	0.207	09:51
EXT STD EC	0.204	09:51
AIR BLANK	0.000	09:52
EXT STD IR	0.207	09:53
EXT STD EC	0.206	09:53
AIR BLANK	0.000	09:54
EXT STD IR	0.208	09:55
EXT STD EC	0.207	09:55
AIR BLANK	0.000	09:57
EXT STD IR	0.208	09:57
EXT STD EC	0.207	09:57
AIR BLANK	0.000	09:59
EXT STD IR	0.208	09:59
EXT STD EC	0.208	09:59
AIR BLANK	0.000	10:00
DIAGNOSTIC	OK	10:01

****
OPERATOR SIGNATURE:
Ruth Gamez

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR4468	DR4468
Sim Therm#:	DR4468	DR4468
QAP Batch#:	T00013	T00013
Reference Value:	0.2550	0.2550
	0.259	0.259
	0.259	0.260
	0.260	0.261
	0.260	0.261
	0.259	0.260
Mean:	0.2594	0.2602
SD:	0.0005	0.0008
Bias %:	1.73	2.04
CV %:	0.19	0.31

T00013 / DR4468

****

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0091
TEST NO.: 00080
DATE: 04/24/2013

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SUPERVISOR TEST

****

	g/210L	TIME
DIAGNOSTIC	OK	10:12
AIR BLANK	0.000	10:12
EXT STD IR	0.259	10:12
EXT STD EC	0.259	10:12
AIR BLANK	0.000	10:14
EXT STD IR	0.259	10:14
EXT STD EC	0.260	10:14
AIR BLANK	0.000	10:16
EXT STD IR	0.260	10:17
EXT STD EC	0.261	10:17
AIR BLANK	0.000	10:18
EXT STD IR	0.260	10:19
EXT STD EC	0.261	10:19
AIR BLANK	0.000	10:20
EXT STD IR	0.259	10:21
EXT STD EC	0.260	10:21
AIR BLANK	0.000	10:22
DIAGNOSTIC	OK	10:23

****

OPERATOR SIGNATURE: Ruth Cramer

Ruth Cramer — 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 4/25/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR2049	DR2049
Sim Therm#:	DR2049	DR2049
QAP Batch#:	T00015	T00015
Reference Value:	0.3023	0.3023
	0.305	0.306
	0.307	0.307
	0.308	0.307
	0.308	0.308
	0.310	0.309
Mean:	0.3076	0.3074
SD:	0.0018	0.0011
Bias %:	1.75	1.69
CV %:	0.59	0.36

T00015/DR2049

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*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0091
TEST NO.:              00081
DATE:            04/24/2013
*************************
SUPERVISOR TEST
*************************
                g/210L   TIME
DIAGNOSTIC OK            10:27
AIR BLANK       0.000    10:27
EXT STD IR      0.305    10:27
EXT STD EC      0.306    10:27
AIR BLANK       0.000    10:29
EXT STD IR      0.307    10:29
EXT STD EC      0.307    10:29
AIR BLANK       0.000    10:31
EXT STD IR      0.308    10:32
EXT STD EC      0.307    10:32
AIR BLANK       0.000    10:33
EXT STD IR      0.308    10:34
EXT STD EC      0.308    10:34
AIR BLANK       0.000    10:36
EXT STD IR      0.310    10:36
EXT STD EC      0.309    10:36
AIR BLANK       0.000    10:37
DIAGNOSTIC OK            10:38
*************************
OPERATOR SIGNATURE:
```

Ruth Cramer

NAME OF TECHNICIAN PERFORMING TESTS — DATE: 4/24/2013

D. Jones

NAME OF TECHNICIAN REVIEWING RESULTS — DATE: 4/25/13

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00016**	**T00016**
Reference Value:	**0.3558**	**0.3558**
	0.360	0.360
	0.361	0.360
	0.362	0.360
	0.362	0.360
	0.363	0.360
Mean:	0.3616	0.3600
SD:	0.0011	0.0000
Bias %:	1.63	1.18
CV %:	0.30	0.00

T00016/DR3069

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00084
DATE:           04/24/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            10:46
AIR BLANK       0.000    10:46
EXT STD IR      0.360    10:46
EXT STD EC      0.360    10:46
AIR BLANK       0.000    10:48
EXT STD IR      0.361    10:49
EXT STD EC      0.360    10:49
AIR BLANK       0.000    10:51
EXT STD IR      0.362    10:51
EXT STD EC      0.360    10:51
AIR BLANK       0.000    10:53
EXT STD IR      0.362    10:53
EXT STD EC      0.360    10:53
AIR BLANK       0.000    10:55
EXT STD IR      0.363    10:56
EXT STD EC      0.360    10:56
AIR BLANK       0.000    10:56
DIAGNOSTIC OK            10:57
**********************
OPERATOR SIGNATURE:
Ruth Gamez
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Ruth Gamez — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	G7006	G7006
Sim Therm#:	B951232	B951232
QAP Batch#:	T00002	T00002
Reference Value:	0.4122	0.4122
	0.415	0.414
	0.416	0.416
	0.416	0.415
	0.416	0.413
	0.415	0.413
Mean:	0.4156	0.4142
SD:	0.0005	0.0013
Bias %:	0.82	0.49
CV %:	0.12	0.31

T00002 / G7006

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WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0091
TEST NO.: 00086
DATE: 04/24/2013

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SUPERVISOR TEST

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	g/210L	TIME
DIAGNOSTIC	OK	11:20
AIR BLANK	0.000	11:20
EXT STD IR	0.415	11:20
EXT STD EC	0.414	11:20
AIR BLANK	0.000	11:22
EXT STD IR	0.416	11:23
EXT STD EC	0.416	11:23
AIR BLANK	0.000	11:25
EXT STD IR	0.416	11:25
EXT STD EC	0.415	11:25
AIR BLANK	0.000	11:27
EXT STD IR	0.416	11:27
EXT STD EC	0.413	11:27
AIR BLANK	0.000	11:29
EXT STD IR	0.415	11:30
EXT STD EC	0.413	11:30
AIR BLANK	0.000	11:30
DIAGNOSTIC	OK	11:32

****

OPERATOR SIGNATURE: Ruth Cramer

Ruth Cramer — 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 4/25/13
NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00017**	**T00017**
Reference Value:	**0.5054**	**0.5054**
	0.504	0.507
	0.505	0.508
	0.507	0.511
	0.509	0.511
	0.508	0.509
Mean:	0.5066	0.5092
SD:	0.0021	0.0018
Bias %:	0.24	0.75
CV %:	0.41	0.35

T00017 DR4468

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WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00087
DATE:          04/24/2013
************************
SUPERVISOR TEST
************************
                g/210L    TIME
DIAGNOSTIC OK             12:17
AIR BLANK       0.000     12:18
EXT STD IR      0.504     12:18
EXT STD EC      0.507     12:18
AIR BLANK       0.000     12:20
EXT STD IR      0.505     12:20
EXT STD EC      0.508     12:20
AIR BLANK       0.000     12:22
EXT STD IR      0.507     12:23
EXT STD EC      0.511     12:23
AIR BLANK       0.000     12:25
EXT STD IR      0.509     12:25
EXT STD EC      0.511     12:25
AIR BLANK       0.000     12:27
EXT STD IR      0.508     12:28
EXT STD EC      0.509     12:28
AIR BLANK       0.000     12:28
DIAGNOSTIC OK             12:30
************************
OPERATOR SIGNATURE:
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Ruth Cramer

Ruth Cramer — 4/24/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 4/25/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00018**	**T00018**
Reference Value:	**0.6107**	**0.6107**
	0.609	0.618
	0.610	0.616
	0.610	0.616
	0.611	0.615
	0.612	0.615
Mean:	0.6104	0.6160
SD:	0.0011	0.0012
Bias %:	-0.05	0.87
CV %:	0.18	0.19

T00018 / DR2049

WASHINGTON
ALCOTEST 9510

SERIAL NO.: ARAH-0091
TEST NO.: 00088
DATE: 04/24/2013

SUPERVISOR TEST

	g/210L	TIME
DIAGNOSTIC	OK	12:34
AIR BLANK	0.000	12:34
EXT STD IR	0.609	12:34
EXT STD EC	0.618	12:34
AIR BLANK	0.000	12:36
EXT STD IR	0.610	12:37
EXT STD EC	0.616	12:37
AIR BLANK	0.000	12:39
EXT STD IR	0.610	12:39
EXT STD EC	0.616	12:39
AIR BLANK	0.000	12:41
EXT STD IR	0.611	12:42
EXT STD EC	0.615	12:42
AIR BLANK	0.000	12:44
EXT STD IR	0.612	12:44
EXT STD EC	0.615	12:44
AIR BLANK	0.000	12:45
DIAGNOSTIC	OK	12:47

OPERATOR SIGNATURE: Ruth Gamer

Ruth Gamer 4/24/2013
NAME OF TECHNICIAN PERFORMING TESTS DATE

D. Jones 4/25/13
NAME OF TECHNICIAN REVIEWING RESULTS DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00001**	**T00001**
Reference Value:	**0.0203**	**0.0203**
	0.020	0.020
	0.020	0.021
	0.021	0.021
	0.021	0.021
	0.021	0.021
Mean:	0.0206	0.0208
SD:	0.0005	0.0004
Bias %:	1.48	2.46
CV %:	2.43	1.92

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

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**********************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00089
DATE:          04/25/2013
**********************
SUPERVISOR TEST
**********************
                g/210L   TIME
DIAGNOSTIC OK            07:56
AIR BLANK       0.000    07:57
EXT STD IR      0.020    07:57
EXT STD EC      0.020    07:57
AIR BLANK       0.000    07:58
EXT STD IR      0.020    07:59
EXT STD EC      0.021    07:59
AIR BLANK       0.000    08:00
EXT STD IR      0.021    08:01
EXT STD EC      0.021    08:01
AIR BLANK       0.000    08:02
EXT STD IR      0.021    08:02
EXT STD EC      0.021    08:02
AIR BLANK       0.000    08:04
EXT STD IR      0.021    08:04
EXT STD EC      0.021    08:04
AIR BLANK       0.000    08:05
DIAGNOSTIC OK            08:06
**********************
OPERATOR SIGNATURE:
Ruth Cramer
```

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4489**	**DR4489**
Sim Therm#:	**DR4489**	**DR4489**
QAP Batch#:	**T00006**	**T00006**
Reference Value:	**0.0406**	**0.0406**
	0.040	0.040
	0.041	0.041
	0.041	0.041
	0.041	0.042
	0.042	0.042
Mean:	0.0410	0.0412
SD:	0.0007	0.0008
Bias %:	0.99	1.48
CV %:	1.71	1.94

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************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00093
DATE:          04/25/2013
************************
    SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK           08:34
AIR BLANK     0.000     08:34
EXT STD IR    0.040     08:35
EXT STD EC    0.040     08:35
AIR BLANK     0.000     08:36
EXT STD IR    0.041     08:37
EXT STD EC    0.041     08:37
AIR BLANK     0.000     08:38
EXT STD IR    0.041     08:39
EXT STD EC    0.041     08:39
AIR BLANK     0.000     08:40
EXT STD IR    0.041     08:40
EXT STD EC    0.042     08:40
AIR BLANK     0.000     08:42
EXT STD IR    0.042     08:42
EXT STD EC    0.042     08:42
AIR BLANK     0.000     08:43
DIAGNOSTIC OK           08:44
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00009**	**T00009**
Reference Value:	**0.0599**	**0.0599**
	0.061	0.061
	0.062	0.061
	0.061	0.061
	0.062	0.061
	0.062	0.061
Mean:	0.0616	0.0610
SD:	0.0005	0.0000
Bias %:	2.84	1.84
CV %:	0.81	0.00

Ruth Cramer 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS DATE

R. Jones 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS DATE

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*************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00094
DATE:          04/25/2013
*************************
    SUPERVISOR TEST
*************************
              g/210L   TIME
DIAGNOSTIC OK          08:47
AIR BLANK     0.000    08:47
EXT STD IR    0.061    08:48
EXT STD EC    0.061    08:48
AIR BLANK     0.000    08:49
EXT STD IR    0.062    08:50
EXT STD EC    0.061    08:50
AIR BLANK     0.000    08:51
EXT STD IR    0.061    08:52
EXT STD EC    0.061    08:52
AIR BLANK     0.000    08:53
EXT STD IR    0.062    08:54
EXT STD EC    0.061    08:54
AIR BLANK     0.000    08:55
EXT STD IR    0.062    08:55
EXT STD EC    0.061    08:55
AIR BLANK     0.000    08:56
DIAGNOSTIC OK          08:57
*************************
OPERATOR SIGNATURE:
Ruth Cramer
```

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00003**	**T00003**
Reference Value:	**0.0820**	**0.0820**
	0.083	0.082
	0.083	0.083
	0.083	0.082
	0.083	0.082
	0.083	0.082
Mean:	0.0830	0.0822
SD:	0.0000	0.0004
Bias %:	1.22	0.24
CV %:	0.00	0.49

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00095
DATE:           04/25/2013
************************
   SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK           09:02
AIR BLANK     0.000     09:02
EXT STD IR    0.083     09:03
EXT STD EC    0.082     09:03
AIR BLANK     0.000     09:04
EXT STD IR    0.083     09:05
EXT STD EC    0.083     09:05
AIR BLANK     0.000     09:06
EXT STD IR    0.083     09:07
EXT STD EC    0.082     09:07
AIR BLANK     0.000     09:08
EXT STD IR    0.083     09:09
EXT STD EC    0.082     09:09
AIR BLANK     0.000     09:10
EXT STD IR    0.083     09:11
EXT STD EC    0.082     09:11
AIR BLANK     0.000     09:11
DIAGNOSTIC OK           09:12
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00007**	**T00007**
Reference Value:	**0.1007**	**0.1007**
	0.102	0.102
	0.103	0.102
	0.104	0.103
	0.104	0.103
	0.103	0.103
Mean:	0.1032	0.1026
SD:	0.0008	0.0005
Bias %:	2.48	1.89
CV %:	0.78	0.49

```
************************
      WASHINGTON
     ALCOTEST 9510

SERIAL NO.:        ARAH-0091
TEST NO.:             00096
DATE:             04/25/2013
************************
    SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK           09:15
AIR BLANK     0.000     09:15
EXT STD IR    0.102     09:15
EXT STD EC    0.102     09:15
AIR BLANK     0.000     09:17
EXT STD IR    0.103     09:17
EXT STD EC    0.102     09:17
AIR BLANK     0.000     09:19
EXT STD IR    0.104     09:19
EXT STD EC    0.103     09:19
AIR BLANK     0.000     09:21
EXT STD IR    0.104     09:21
EXT STD EC    0.103     09:21
AIR BLANK     0.000     09:23
EXT STD IR    0.103     09:24
EXT STD EC    0.103     09:24
AIR BLANK     0.000     09:24
DIAGNOSTIC OK           09:25
************************
OPERATOR SIGNATURE:
```

Ruth Cramer

NAME OF TECHNICIAN PERFORMING TESTS — DATE: 4/25/2013

D. Jones

NAME OF TECHNICIAN REVIEWING RESULTS — DATE: 5/20/13

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**12050**	**12050**
Reference Value:	**0.1534**	**0.1534**
	0.154	0.154
	0.155	0.155
	0.156	0.156
	0.157	0.157
	0.157	0.158
Mean:	0.1558	0.1560
SD:	0.0013	0.0016
Bias %:	1.56	1.69
CV %:	0.83	1.03

```
************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00099
DATE:           04/25/2013
************************
    SUPERVISOR TEST
************************
              g/210L    TIME
DIAGNOSTIC OK           09:46
AIR BLANK     0.000     09:46
EXT STD IR    0.154     09:46
EXT STD EC    0.154     09:46
AIR BLANK     0.000     09:48
EXT STD IR    0.155     09:48
EXT STD EC    0.155     09:48
AIR BLANK     0.000     09:50
EXT STD IR    0.156     09:50
EXT STD EC    0.156     09:50
AIR BLANK     0.000     09:52
EXT STD IR    0.157     09:52
EXT STD EC    0.157     09:52
AIR BLANK     0.000     09:54
EXT STD IR    0.157     09:55
EXT STD EC    0.158     09:55
AIR BLANK     0.000     09:55
DIAGNOSTIC OK           09:56
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

R. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00014**	**T00014**
Reference Value:	**0.2038**	**0.2038**
	0.207	0.207
	0.209	0.210
	0.209	0.210
	0.209	0.209
	0.209	0.209
Mean:	0.2086	0.2090
SD:	0.0009	0.0012
Bias %:	2.36	2.55
CV %:	0.43	0.57

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00101
DATE:          04/25/2013
************************
   SUPERVISOR TEST
************************
              g/210L   TIME
DIAGNOSTIC OK          10:12
AIR BLANK     0.000    10:12
EXT STD IR    0.207    10:13
EXT STD EC    0.207    10:13
AIR BLANK     0.000    10:15
EXT STD IR    0.209    10:15
EXT STD EC    0.210    10:15
AIR BLANK     0.000    10:17
EXT STD IR    0.209    10:17
EXT STD EC    0.210    10:17
AIR BLANK     0.000    10:19
EXT STD IR    0.209    10:19
EXT STD EC    0.209    10:19
AIR BLANK     0.000    10:21
EXT STD IR    0.209    10:21
EXT STD EC    0.209    10:21
AIR BLANK     0.000    10:22
DIAGNOSTIC OK          10:23
************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00013**	**T00013**
Reference Value:	**0.2550**	**0.2550**
	0.255	0.254
	0.257	0.256
	0.258	0.257
	0.258	0.257
	0.258	0.256
Mean:	0.2572	0.2560
SD:	0.0013	0.0012
Bias %:	0.86	0.39
CV %:	0.51	0.47

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*************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00103
DATE:           04/25/2013
*************************
    SUPERVISOR TEST
*************************
              g/210L   TIME
DIAGNOSTIC OK          10:39
AIR BLANK     0.000    10:39
EXT STD IR    0.255    10:40
EXT STD EC    0.254    10:40
AIR BLANK     0.000    10:41
EXT STD IR    0.257    10:42
EXT STD EC    0.256    10:42
AIR BLANK     0.000    10:44
EXT STD IR    0.258    10:44
EXT STD EC    0.257    10:44
AIR BLANK     0.000    10:46
EXT STD IR    0.258    10:46
EXT STD EC    0.257    10:46
AIR BLANK     0.000    10:48
EXT STD IR    0.258    10:48
EXT STD EC    0.256    10:48
AIR BLANK     0.000    10:49
DIAGNOSTIC OK          10:50
*************************
OPERATOR SIGNATURE:
Ruth Cramer
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Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	DR3069	DR3069
Sim Therm#:	DR3069	DR3069
QAP Batch#:	T00015	T00015
Reference Value:	0.3023	0.3023
	0.307	0.308
	0.308	0.308
	0.308	0.308
	0.309	0.308
	0.309	0.308
Mean:	0.3082	0.3080
SD:	0.0008	0.0000
Bias %:	1.95	1.89
CV %:	0.26	0.00

```
************************
     WASHINGTON
   ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00102
DATE:          04/25/2013
************************
   SUPERVISOR TEST
************************
              g/210L   TIME
DIAGNOSTIC OK          10:26
AIR BLANK     0.000    10:26
EXT STD IR    0.307    10:26
EXT STD EC    0.308    10:26
AIR BLANK     0.000    10:28
EXT STD IR    0.308    10:28
EXT STD EC    0.308    10:28
AIR BLANK     0.000    10:30
EXT STD IR    0.308    10:31
EXT STD EC    0.308    10:31
AIR BLANK     0.000    10:32
EXT STD IR    0.309    10:33
EXT STD EC    0.308    10:33
AIR BLANK     0.000    10:35
EXT STD IR    0.309    10:35
EXT STD EC    0.308    10:35
AIR BLANK     0.000    10:36
DIAGNOSTIC OK          10:37
************************
OPERATOR SIGNATURE:
Ruth Gamer
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Ruth Gamer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR4468**	**DR4468**
Sim Therm#:	**DR4468**	**DR4468**
QAP Batch#:	**T00016**	**T00016**
Reference Value:	**0.3558**	**0.3558**
	0.359	0.358
	0.360	0.358
	0.360	0.357
	0.359	0.356
	0.360	0.356
Mean:	0.3596	0.3570
SD:	0.0005	0.0010
Bias %:	1.07	0.34
CV %:	0.14	0.28

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*************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00104
DATE:          04/25/2013
*************************
    SUPERVISOR TEST
*************************
              g/210L   TIME
DIAGNOSTIC OK          10:53
AIR BLANK     0.000    10:53
EXT STD IR    0.359    10:54
EXT STD EC    0.358    10:54
AIR BLANK     0.000    10:55
EXT STD IR    0.360    10:56
EXT STD EC    0.358    10:56
AIR BLANK     0.000    10:58
EXT STD IR    0.360    10:58
EXT STD EC    0.357    10:58
AIR BLANK     0.000    11:00
EXT STD IR    0.359    11:01
EXT STD EC    0.356    11:01
AIR BLANK     0.000    11:02
EXT STD IR    0.360    11:03
EXT STD EC    0.356    11:03
AIR BLANK     0.000    11:04
DIAGNOSTIC OK          11:05
*************************
OPERATOR SIGNATURE:
Ruth Cramer
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Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**G7006**	**G7006**
Sim Therm#:	**B951232**	**B951232**
QAP Batch#:	**T00002**	**T00002**
Reference Value:	**0.4122**	**0.4122**
	0.409	0.407
	0.410	0.406
	0.410	0.406
	0.412	0.408
	0.413	0.408
Mean:	0.4108	0.4070
SD:	0.0016	0.0010
Bias %:	-0.34	-1.26
CV %:	0.39	0.25

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*************************
WASHINGTON
ALCOTEST 9510

SERIAL NO.:        ARAH-0091
TEST NO.:              00105
DATE:            04/25/2013
*************************
SUPERVISOR TEST
*************************
                g/210L    TIME
DIAGNOSTIC OK             11:09
AIR BLANK       0.000     11:09
EXT STD IR      0.409     11:09
EXT STD EC      0.407     11:09
AIR BLANK       0.000     11:11
EXT STD IR      0.410     11:11
EXT STD EC      0.406     11:11
AIR BLANK       0.000     11:13
EXT STD IR      0.410     11:14
EXT STD EC      0.406     11:14
AIR BLANK       0.000     11:16
EXT STD IR      0.412     11:16
EXT STD EC      0.408     11:16
AIR BLANK       0.000     11:18
EXT STD IR      0.413     11:19
EXT STD EC      0.408     11:19
AIR BLANK       0.000     11:19
DIAGNOSTIC OK             11:20
*************************
OPERATOR SIGNATURE:
Ruth Cramer
```

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR2049**	**DR2049**
Sim Therm#:	**DR2049**	**DR2049**
QAP Batch#:	**T00017**	**T00017**
Reference Value:	**0.5054**	**0.5054**
	0.500	0.498
	0.506	0.502
	0.508	0.505
	0.509	0.505
	0.508	0.504
Mean:	0.5062	0.5028
SD:	0.0036	0.0029
Bias %:	0.16	-0.51
CV %:	0.71	0.58

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*************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:      ARAH-0091
TEST NO.:            00106
DATE:           04/25/2013
*************************
    SUPERVISOR TEST
*************************
              g/210L    TIME
DIAGNOSTIC OK           11:23
AIR BLANK     0.000     11:23
EXT STD IR    0.500     11:24
EXT STD EC    0.498     11:24
AIR BLANK     0.000     11:26
EXT STD IR    0.506     11:26
EXT STD EC    0.502     11:26
AIR BLANK     0.000     11:28
EXT STD IR    0.508     11:29
EXT STD EC    0.505     11:29
AIR BLANK     0.000     11:31
EXT STD IR    0.509     11:31
EXT STD EC    0.505     11:31
AIR BLANK     0.000     11:33
EXT STD IR    0.508     11:34
EXT STD EC    0.504     11:34
AIR BLANK     0.000     11:34
DIAGNOSTIC OK           11:36
*************************
OPERATOR SIGNATURE:
Ruth Cramer
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Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE

METHOD VALIDATION DRAEGER ALCOTEST 9510
ACCURACY & PRECISION TESTING

DRAEGER ALCOTEST 9510 SERIAL NUMBER: ARAH-0091

	I/R	E/C
Simulator #:	**DR3069**	**DR3069**
Sim Therm#:	**DR3069**	**DR3069**
QAP Batch#:	**T00018**	**T00018**
Reference Value:	**0.6107**	**0.6107**
	0.608	0.609
	0.609	0.608
	0.609	0.608
	0.609	0.608
	0.609	0.607
Mean:	0.6088	0.6080
SD:	0.0004	0.0007
Bias %:	-0.31	-0.44
CV %:	0.07	0.12

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*************************
      WASHINGTON
    ALCOTEST 9510

SERIAL NO.:        ARAH-0091
TEST NO.:              00108
DATE:             04/25/2013
*************************
    SUPERVISOR TEST
*************************
                g/210L    TIME
DIAGNOSTIC OK             11:44
AIR BLANK       0.000     11:44
EXT STD IR      0.608     11:45
EXT STD EC      0.609     11:45
AIR BLANK       0.000     11:47
EXT STD IR      0.609     11:47
EXT STD EC      0.608     11:47
AIR BLANK       0.000     11:49
EXT STD IR      0.609     11:50
EXT STD EC      0.608     11:50
AIR BLANK       0.000     11:52
EXT STD IR      0.609     11:53
EXT STD EC      0.608     11:53
AIR BLANK       0.000     11:55
EXT STD IR      0.609     11:55
EXT STD EC      0.607     11:55
AIR BLANK       0.000     11:56
DIAGNOSTIC OK             11:57
*************************
OPERATOR SIGNATURE:
```

Ruth Cramer

Ruth Cramer — 4/25/2013

NAME OF TECHNICIAN PERFORMING TESTS — DATE

D. Jones — 5/20/13

NAME OF TECHNICIAN REVIEWING RESULTS — DATE