AGAPPE

MISPA Ace Fully Automated Calibration Certificate.

This is to certify that installed at Dr. Raju's Blooms Diagnostic Centre. **MISPA Ace Fully Automated** Serial number **WK-76105427** has been duly calibrated on 17/11/2021 and the same was verified with the following tests.

System Tests results:

	Passed	Failed	Comments
• Temperature	☑	☐	PASS
• Stray light	☑	☐	PASS
• Noise	☑	☐	PASS
• Stability	☑	☐	PASS
• Tip pump	☑	☐	PASS
• Level detection	☑	☐	PASS
• Washer hydraulics	☑	☐	PASS
• Washer	☑	☐	PASS
• Clot detector	☑	☐	PASS
	☐	☐	SATISFACTORY

Unrestricted

Verified the Calibrations and alignment visually.

Performed Tests , all are passed.

Calibration of the instrument was carried out as per the recommendation.

Next Calibration will be performed on 16/11/2022

Name/Address of Lab: DR Rajus Blooms Diagnostic, Chikkaballapur	
Phone#:9751740908	Contact Person: Prasad
MAIL: alwinjoy@agappe.in	Contact Email: drvgovindaraju@gmail.com
Instrument Model: MISPA Ace Fully Automated Clinical Chemistry	Instrument Serial #: WK-76105427
Installation Date: 17.01.2018	Software Revision #: 1.5
Install Technician Name: Alwin Joy	Signature:

Alwin Joy

17/11/2021

Service Engineer, Bangalore

Calibration

17-11-2022 11:55

Method Id ALPA
Date 17-11-2021 09:26:05
Lot No. 0059
Reag. Lot # 2094

Formula Linear

Mean Error

1.92 I 10.81%

R2

1.0000

C = M * 2962.4363

Calibrator	Replica	Absorbance	Concentration
1	1	0.0792	236.0
1	2	0.0806	236.0
1	3	0.0791	236.0

Calibration

17-11-2021 11:56

Method Id BUN
Date 17-11-2021 09:03:25
Lot No. 0059
Reag. Lot # 2096

Formula Linear

Mean Error

0 00 I 0 00%

R2
1.0000

C = M * 254.7713

Calibrator	Replica	Absorbance	Concentration
1	1	0.1841	47.2
1	2	0.1852	47.2
1	3	0.1862	47.2

Calibration

17-11-2021 11:56

Method Id CHOL
Date 17-11-2021 09:42:34
Lot No,. 0059
Reag. Lot # 2044

Formula Linear

Mean Error

0 00 I 0 00%

R2
1.0000

C = M * 629.0412

Calibrator	Replica	Absorbance	Concentration
1	1	0.2574	161
1	2	0.2559	161
1	3	0.2555	161

Calibration

17-11-2021 11:56

Method Id Ca
Date 17.11.2021 09:23:06
Lot No. 0059
Reag. Lot # 2058

Formula Linear

Mean Error
0.000 I 0.00%

R2
1.0000

C = M * 33.1207

Calibrator	Replica	Absorbance	Concentration
1	1	0.3351	11.10
1	2	0.3459	11.10
1	3	0.3341	11.10

Calibration

17-11-2021 11:57

Method Id GLU
Date 17-11-2021 09:43:39
Lot No. 0059
Reag. Lot # 2082

Formula Linear

Mean Error
0.000 I 0.00%

R2
1.0000

C = M * 324.7619

Calibrator	Replica	Absorbance	Concentration
1	1	0.5799	190.1
1	2	0.5885	190.1
1	3	0.5854	190.1

Calibration

17-11-2021 11 57

Method Id DBIL
Date 17.11.2021 09:45:28
Lot No. 0059
Reag. Lot # 2149

Formula Linear

Mean Error

0.000 I 0 00%

R2

1 0000

C = M * 35 2659

Calibrator	Replica	Absorbance	Concentration
1	1	0.0751	2.65
1	2	0.0753	2.65
1	3	0.0751	2.65

Calibration

17-11-2021 11:57

Method Id GOT
Date 17-11-2021 09:23:41
Lot No. 0059
Reag. Lot # 2173

Formula Linear

Mean Error

0.00 I 0.00%

R2
1.0000

C = M * 3373.3896

Calibrator	Replica	Absorbance	Concentration
1	1	0.0336	113.2
1	2	0.0342	113.2
1	3	0.0335	113.2

Calibration

17-11-2021 11:58

Method Id GPT
Date 17-11-2021 09:24:41
Lot No. 0059
Reag. Lot # 2143

Formula Linear

Mean Error
0.000 I 0.00%

R2
1.0000

M * 3469.7207

Calibrator	Replica	Absorbance	Concentration
1	1	0.0282	99.0
1	2	0.0285	99.0
1	3	0.0290	99.0

Calibration

17-11-2021 11:59

Method Id HDL
Date 17-11-2021 09:56:42
Lot No. 0299
Reag. Lot # 2117

Formula Linear

Mean Error

0.000 I 0.00%

R2

1.0000

C = M * 501.6277

Calibrator	Replica	Absorbance	Concentration
1	1	0.1159	59.0
1	2	0.1184	59.0
1	3	0.1176	59.0

Calibration

17-11-2021 11 59

Method Id PHOS
Date 17-11-2021 09:44:19
Lot No. 0059
Reag. Lot # 2138

Formula Linear

Mean Error
0.000 I 0.00%

R2
1.0000

C = M * 19.5523

Calibrator	Replica	Absorbance	Concentration
1	1	O2756	5.33
1	2	0.2726	5.33
1	3	O2693	5.33

Calibration

17-11-2021 11 59

Method Id ALB
Date 17-11-2021 09:50:19
Lot No. 0059
Reag. Lot #

Formula Linear

Mean Error

0.020 I 0.53%

R2

1.0000

C = M * 6.3745

Calibrator	Replica	Absorbance	Concentration
1	1	0.5719	3.67
1	2	0.5803	3.67
1	3	0.5750	3.67

Calibration

17-11-2021 11 59

Method Id CRE
Date 17-11-2021 09:40:19
Lot No. 0059
Reag. Lot #

Formula Linear

Mean Error

0.073 I 1.89 %

R2

1.0000

C = M * 19.668

Calibrator	Replica	Absorbance	Concentration
1	1	0.2003	3.83
1	2	0.1939	3.83
1	3	0.1901	3.83

Calibration

17-11-2021 11 59

Method Id TP
Date 17-11-2021 10:52:19
Lot No. 0059
Reag. Lot #

Formula Linear

Mean Error

0.000 I 0.00 %

R2

1.0000

C = M * 16.228

Calibrator	Replica	Absorbance	Concentration
1	1	0.3129	5.11
1	2	0.3149	5.11
1	3	0.3246	5.11

Calibration

17-11-2021 11 59

Method Id T.BIL
Date 17-11-2021 10:42:19
Lot No. 0059
Reag. Lot # **2127**

Formula Linear

Mean Error

0.000 I 0.00 %

R2

1.0000

C = M * 36.1394

Calibrator	Replica	Absorbance	Concentration
1	1	0.1486	5.37
1	2	0.1476	5.37
1	3	0.1491	5.37

Calibration

17-11-2021 11 59

Method Id TRIG
Date 17-11-2021 10:48:19
Lot No. 0059
Reag. Lot # **2029**

Formula Linear

Mean Error

0.000 I 0.00 %

R2

1.0000

C = M * 1038.4827

Calibrator	Replica	Absorbance	Concentration
1	1	0.1440	137
1	2	0.1286	137
1	3	0.1319	137

Calibration

17-11-2021 11 59

Method Id URA
Date 17-11-2021 10:58:19
Lot No. 0059
Reag. Lot # **2100**

Formula Linear

Mean Error

0.000 I 0.00 %

R2

1.0000

C = M * 51.8761

Calibrator	Replica	Absorbance	Concentration
1	1	0.1049	5.48
1	2	0.1066	5.48
1	3	0.1056	5.48

Calibration

17-11-2021 11 59

Method Id TPU
Date 17-11-2021 10:38:19
Lot No. 26164
Reag. Lot #

Formula Linear

Mean Error
0.72 I 0.55 %

R2
1.0000

C = M * 377.9814

Calibrator	Replica	Absorbance	Concentration
1	1	0.3396	130
1	2	0.3453	130
1	3	0.3439	130

QC Done

17-11-2021 13:53 PM

Date	Control Id	Lot Number	Test	Low limit	Result	High Limit	Units	Out
11-17 10:21	BIORAD L2	26472 2023-02	BUN	43.9	47.2	51.3	mg/dL	
11-17 10:22	BIORAD L2	26472 2023-02	ALB	2.20	2.77	3.10	g/dL	
11-17 10:23	BIORAD L2	26472 2023-02	GOT	177.0	195.9	221.0	U/L	
11-17 10:23	BIORAD L2	26472 2023-02	GPT	88.2	94.1	117.0	U/L	
11-17 10:24	BIORAD L2	26472 2023-02	Ca	11.2	12.2	12.6	mg/dL	
11-17 10:24	BIORAD L2	26472 2023-02	CHOL	95	105	114	mg/dL	
11-17 10:24	BIORAD L2	26472 2023-02	CRE	5.24	5.41	5.92	mg/dL	
11-17 10:25	BIORAD L2	26472 2023-02	PHOS	6.29	6.66	8.10	mg/dL	
11-17 10:25	BIORAD L2	26472 2023-02	UrA	8.94	9.43	10.00	mg/dL	
11-17 10:27	BIORAD L2	26472 2023-02	ALPA	340.0	416.9	600.0	U/L	
11-17 10:29	BIORAD L2	26472 2023-02	GLU	248.0	266.2	308.0	mg/dL	
11-17 10:30	BIORAD L2	26472 2023-02	HDL	25.8	28.5	35.0	mg/dL	
11-17 10:30	BIORAD L2	26472 2023-02	TRIG	84.0	103.1	116.8	mg/dL	
11-17 10:31	BIORAD L2	26472 2023-02	BILI D	0.78	1.05	1.48	mg/dL	
11-17 10:31	BIORAD L2	26472 2023-02	BILI T	3.58	5.00	5.09	mg/dL	
11-17 10:31	BIORAD L2	26472 2023-02	TP	3.60	4.32	5.30	g/dL	
11-17 12:13	BIORAD L1	26470 2023-02	BUN	12.8	14.8	17.5	mg/dL	
11-17 12:14	BIORAD L1	26470 2023-02	ALB	3.20	3.91	4.90	g/dL	
11-17 12:15	BIORAD L1	26470 2023-02	GOT	33.0	41.7	49.4	U/L	
11-17 12:16	BIORAD L1	26470 2023-02	GPT	26.3	28.7	39.1	U/L	
11-17 12:16	BIORAD L1	26470 2023-02	CRE	2.13	2.19	2.56	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	Ca	9.1	9.4	9.7	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	CHOL	242	265	290	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	PHOS	3.34	3.43	4.60	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	UrA	4.09	5.09	5.48	mg/dL	
11-17 12:20	BIORAD L1	26470 2023-02	ALP	80.0	97.2	160.0	U/L	
11-17 12:21	BIORAD L1	26470 2023-02	GLU	77.0	80.0	94.5	mg/dL	
11-17 12:22	BIORAD L1	26470 2023-02	HDL	87.6	101.5	110.0	mg/dL	
11-17 12:22	BIORAD L1	26470 2023-02	TRIG	170.6	193.3	201.8	mg/dL	
11-17 12:23	BIORAD L1	26470 2023-02	BILI D	0.12	0.28	0.52	mg/dL	
11-17 12:23	BIORAD L1	26470 2023-02	TP	6.20	6.29	8.40	g/dL	
11-17 12:37	BIORAD L1	26470 2023-02	BUN	12.8	14.7	17.5	mg/dL	
11-17 12:39	BIORAD L1	26470 2023-02	BILI T	0.88	0.99	1.15	mg/dL	

Clot Detector Test

17/11/2021 9:47 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Noise
Front
Noise: 53 < 500 - Passed
Average: 7844
Minimum: 7806
Maximum: 7859

Clot detector check
Front
Pressure ratio > 0.3 < 2 - Passed. Average: 1.147

Calibration
Front
3 ul
Detection window < 32000 - Passed. Average: 21995
Jump > 3000 - Passed. Average: 4778
Jump CV: 1.1 < 3 % - Passed

4 ul
Detection window < 32000 - Passed. Average: 21974
Jump > 3000 - Passed. Average: 4762
Jump CV: 1.02 < 3 % - Passed

5 ul
Detection window < 32000 - Passed. Average: 21891
Jump > 3000 - Passed. Average: 4751
Jump CV: 1.1 < 3 % - Passed

Dilution
Front
Pressure ratio > 0.3 < 2 - Passed. Average: 1.254
Clot detection - Passed. Average: 0.717

Clot detector check
Pressure ratio = (Peak - Base) / (Peak - Valley)

Front

Pressure	Base	Peak	Valley	Plateau	Press.
AVG	7628	12388	8239	10022	1.15
CV (%)	1.14	1.02	1.33	1.16	0.83
1	7548	12284	8099	9898	1.13
2	7572	12358	8168	10010	1.14
3	7767	12552	8406	10201	1.15
4	7712	12523	8310	10105	1.14
5	7554	12223	8147	9914	1.15

6	7601	12388	8231	9996	1.15
7	7678	12486	8338	10103	1.16
8	7521	12185	8096	9834	1.14
9	7734	12488	8348	10137	1.15

10	7592	12396	8250	10021	1.16

Calibration
Max = Maximum(Peak,Valley,Plateau)
Jump = Max - Base
Detection window = 3 * Jump + Base

Front
3 ul

Pressure	Base	Peak	Valley	Plateau	Max	Jump	Detection
AVG	7660	12438	7919	8697	12438	4778	21995
CV (%)	0.93	0.89	11.42	1.12	0.89	1.1	0.95
1	7676	12503	8166	8699	12503	4827	22157
2	7747	12500	8231	8740	12500	4753	22006
3	7751	12570	8319	8791	12570	4819	22208
4	7605	12387	8081	8577	12387	4782	21951
5	7727	12551	8351	8822	12551	4824	22199
6	7526	12187	8024	8507	12187	4661	21509
7	7626	12417	8207	8686	12417	4791	21999
8	7685	12431	5360	8729	12431	4746	21923
9	7641	12469	8264	8767	12469	4828	22125
10	7618	12369	8189	8654	12369	4751	21871

4 ul

Pressure	Base	Peak	Valley	Plateau	Max	Jump	Detection
AVG	7687	12450	8263	9867	12450	4762	21974
CV (%)	0.99	0.79	1.04	0.92	0.79	1.02	0.81
1	7700	12522	8231	9860	12522	4822	22166
2	7681	12499	8245	9807	12499	4818	22135
3	7520	12213	8059	9733	12213	4693	21599
4	7734	12488	8307	9896	12488	4754	21996
5	7752	12503	8344	9966	12503	4751	22005
6	7740	12561	8348	9993	12561	4821	22203
7	7746	12472	8332	9942	12472	4726	21924
8	7642	12377	8220	9774	12377	4735	21847
9	7746	12453	8299	9925	12453	4707	21867
10	7612	12408	8249	9772	12408	4796	22000

5 ul

Pressure	Base	Peak	Valley	Plateau	Max	Jump	Detection
AVG	7639	12390	8209	10034	12390	4751	21891
CV (%)	1.09	0.72	1.07	0.99	0.72	1.1	0.74
1	7563	12353	8128	9960	12353	4790	21933
2	7541	12349	8141	9966	12349	4808	21965
3	7675	12491	8242	10077	12491	4816	22123
4	7758	12510	8349	10207	12510	4752	22014
5	7610	12376	8160	9964	12376	4766	21908
6	7660	12420	8281	10100	12420	4760	21940
7	7658	12398	8168	10009	12398	4740	21878

Unrestricted

8	7523	12189	8079	9876	12189	4666	21521
9	7634	12382	8228	10034	12382	4748	21878
10	7767	12429	8311	10143	12429	4662	21753

Dilution
Max = Maximum(Peak,Valley,Plateau)
Jump = Max - Base
Pressure ratio = (Peak - Base) / (Peak - Valley)
Clot ratio = Jump_Sample / Jump_Calibration

Front
Calibration. Base 7526 Max 12167 Jump 4641
Clot detected: Clot ratio > 2

Pressure	Base	Peak	Valley	Plateau	Max	Jump	Press.	Clot
AVG	7653	10982	8316	9379	10982	3329	1.25	0.72
CV (%)	1.58	1.92	1.39	1.66	1.92	4.2	5.6	4.26
1	7676	10865	8431	9344	10865	3189	1.31	0.69
2	7460	10476	8354	9074	10476	3016	1.42	0.65
3	7809	11120	8426	9495	11120	3311	1.23	0.71
4	7745	11083	8313	9534	11083	3338	1.21	0.72
5	7648	10964	8423	9435	10964	3316	1.3	0.71
6	7527	10925	8111	9239	10925	3398	1.21	0.73
7	7490	10916	8123	9210	10916	3426	1.23	0.74
8	7691	11195	8310	9480	11195	3504	1.21	0.76
9	7762	11109	8308	9469	11109	3347	1.19	0.72
10	7720	11162	8365	9506	11162	3442	1.23	0.74

Parameters
Sample volume (ul): 10
Reagent volume (ul): 200

Level Detection Test

17/11/2021 9:26 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Front

In reaction cuvette - Passed

Real	Detected
50	0
50	0
50	0
75	0
75	0
75	0
100	0
100	0
100	0
125	0
125	0
125	0
150	142
150	145
150	142
200	193
200	193
200	196
250	239
250	243
250	243
300	295
300	295
300	295

In reagent bottle - Passed

Volume	Steps
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	796
400	796
400	796
400	796

400 796
400 796
400 796
400 795

nrestricted

400	796
400	796
400	796
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	793
400	790
400	794
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795
400	795

Parameters
Cycles: 3
Initial volume (ul): 400
Final volume (ul): 400
Intervals: 15

Photometer Noise Test

17/11/2021 9:30 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN WK-76105427

Front Photomether

Noise : 0.00027 abs < 0.001 abs - Passed
Estimated derive: 0.00032 abs/min < 0.002 abs/min - Passed

CV	Minimum	Maximum	Difference	Average	SD
Sample counts 0.107	1,297,379	1,302,285	4,906	1,299,691	1,396
Reference counts 0.142	5,750,991	5,779,446	28,455	5,764,362	8,168
Sample absorbance 0.04185	1.02711	1.02921	0.0021	1.02808	0.00043

Front readings

1,302,285	5,777,807	1.02830
1,302,085	5,779,159	1.02859
1,301,797	5,778,535	1.02867
1,302,254	5,777,114	1.02823
1,301,962	5,779,446	1.02869
1,302,230	5,777,146	1.02825
1,301,901	5,776,725	1.02838
1,301,746	5,777,323	1.02855
1,301,766	5,774,965	1.02824
1,301,764	5,775,452	1.02830
1,301,430	5,776,687	1.02865
1,301,348	5,773,644	1.02831
1,301,334	5,776,983	1.02874
1,301,366	5,774,242	1.02837
1,301,185	5,775,842	1.02868
1,301,040	5,773,622	1.02848
1,300,970	5,773,300	1.02848
1,301,005	5,775,774	1.02877
1,301,002	5,772,082	1.02831
1,301,518	5,772,224	1.02803
1,300,929	5,775,156	1.02874
1,301,055	5,771,986	1.02827
1,301,064	5,772,108	1.02828
1,300,696	5,773,290	1.02863
1,301,113	5,771,230	1.02814
1,300,860	5,772,285	1.02842
1,300,864	5,772,129	1.02839
1,300,510	5,768,980	1.02820
1,300,598	5,772,465	1.02859
1,301,410	5,772,217	1.02810
1,301,067	5,767,479	1.02769

1,300,489	5,769,092	1.02822
1,300,552	5,767,683	1.02801
1,301,313	5,769,256	1.02778
1,300,292	5,769,562	1.02839

1,300,516	5,768,577	1.02814
1,300,133	5,765,604	1.02799
1,300,302	5,767,489	1.02813
1,300,144	5,768,753	1.02838
1,300,099	5,767,456	1.02824
1,299,715	5,764,531	1.02809
1,300,479	5,766,867	1.02795
1,299,755	5,766,433	1.02830
1,299,900	5,763,681	1.02788
1,299,993	5,763,882	1.02785
1,299,384	5,768,697	1.02880
1,299,195	5,762,741	1.02816
1,299,571	5,763,420	1.02803
1,300,384	5,763,056	1.02752
1,298,909	5,760,390	1.02802
1,298,979	5,761,445	1.02812
1,299,346	5,760,512	1.02779
1,299,198	5,760,153	1.02783
1,299,407	5,764,400	1.02825
1,299,057	5,762,289	1.02818
1,298,939	5,764,434	1.02852
1,299,248	5,762,294	1.02807
1,298,578	5,758,757	1.02800
1,299,222	5,758,012	1.02754
1,298,739	5,761,731	1.02829
1,298,676	5,761,826	1.02834
1,299,218	5,760,614	1.02788
1,299,791	5,757,449	1.02715
1,299,282	5,759,620	1.02771
1,299,178	5,760,138	1.02784
1,299,474	5,756,010	1.02715
1,298,441	5,760,530	1.02831
1,298,097	5,757,985	1.02818
1,298,919	5,756,597	1.02754
1,299,230	5,757,272	1.02745
1,299,068	5,754,435	1.02718
1,298,151	5,762,674	1.02874
1,299,319	5,756,185	1.02726
1,298,298	5,755,086	1.02770
1,298,487	5,757,278	1.02787
1,298,137	5,757,714	1.02812
1,297,815	5,757,088	1.02823
1,298,772	5,754,476	1.02735
1,297,861	5,760,684	1.02865
1,298,279	5,754,321	1.02761
1,299,295	5,754,934	1.02711
1,297,887	5,765,238	1.02921
1,297,777	5,757,324	1.02828
1,298,681	5,754,771	1.02744
1,297,545	5,756,086	1.02825
1,298,061	5,756,453	1.02801
1,297,783	5,756,054	1.02811

1,299,505	5,755,975	1.02713
1,298,221	5,756,385	1.02791
1,297,763	5,754,960	1.02799
1,298,085	5,754,685	1.02777

1,297,986	5,754,901	1.02785
1,297,885	5,750,991	1.02742
1,297,600	5,752,173	1.02773
1,297,433	5,751,121	1.02769
1,297,681	5,752,987	1.02779
1,298,383	5,753,216	1.02742
1,297,379	5,753,494	1.02802
1,298,260	5,754,362	1.02763
1,297,434	5,753,560	1.02800

Parameters
Filter: 1
Number of measurements: 100
Time interval between readings (sec): 1
Water absorbance. Front: 0.061546
Sample channel 0. Front: 23717
Ref. channel 0. Front: 446930

Photometer Stability Test

17/11/2021 9:39 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Front Photomether
Difference: 0.00349 abs < 0.01 abs - Passed

	Minimum	Maximum	Difference	Average	SD	CV
Sample absorbance	1.0230	1.0264	0.0035	1.0245	0.0007	0.0705

Front readings

1,304,616	23,683	5,746,743	23,683	1.0231
1,306,900	23,683	5,761,902	23,683	1.0237
1,306,048	23,683	5,759,337	23,683	1.0238
1,301,528	23,683	5,732,167	23,683	1.0230
1,299,630	23,683	5,731,734	23,683	1.0240
1,278,560	23,683	5,633,386	23,683	1.0234
1,299,048	23,683	5,733,347	23,683	1.0245
1,305,567	23,683	5,756,990	23,683	1.0238
1,310,332	23,683	5,781,498	23,683	1.0242
1,310,453	23,683	5,779,043	23,683	1.0238
1,310,945	23,683	5,784,053	23,683	1.0242
1,311,260	23,683	5,785,260	23,683	1.0242
1,311,227	23,683	5,786,759	23,683	1.0244
1,311,758	23,683	5,786,936	23,683	1.0241
1,304,352	23,683	5,756,151	23,683	1.0244
1,299,856	23,683	5,738,624	23,683	1.0247
1,300,094	23,683	5,737,482	23,683	1.0244
1,294,466	23,683	5,714,083	23,683	1.0247
1,289,821	23,683	5,692,006	23,683	1.0245
1,299,925	23,683	5,726,840	23,683	1.0232
1,305,370	23,683	5,760,963	23,683	1.0244
1,305,106	23,683	5,756,824	23,683	1.0240
1,305,496	23,683	5,761,117	23,683	1.0244
1,305,711	23,683	5,763,437	23,683	1.0245
1,305,826	23,683	5,762,919	23,683	1.0244
1,303,730	23,683	5,743,128	23,683	1.0231
1,301,838	23,683	5,746,148	23,683	1.0245
1,292,452	23,683	5,698,545	23,683	1.0238
1,298,979	23,683	5,732,634	23,683	1.0245
1,301,912	23,683	5,746,527	23,683	1.0246
1,296,755	23,683	5,724,911	23,683	1.0247
1,293,026	23,683	5,708,267	23,683	1.0247
1,286,995	23,683	5,681,219	23,683	1.0247
1,298,578	23,683	5,728,740	23,683	1.0242
1,302,443	23,683	5,750,206	23,683	1.0247
1,305,360	23,683	5,764,255	23,683	1.0248
1,306,096	23,683	5,767,693	23,683	1.0249
1,304,978	23,683	5,765,490	23,683	1.0252
1,303,635	23,683	5,761,010	23,683	1.0254

1,296,885	23,683	5,727,770	23,683	1.0250
1,293,701	23,683	5,710,181	23,683	1.0246
1,290,550	23,683	5,692,724	23,683	1.0242
1,297,342	23,683	5,729,794	23,683	1.0250

1,301,417	23,683	5,748,975	23,683	1.0251
1,300,161	23,683	5,743,811	23,683	1.0252
1,295,590	23,683	5,722,058	23,683	1.0250
1,290,465	23,683	5,706,188	23,683	1.0259
1,293,627	23,683	5,718,136	23,683	1.0257
1,285,673	23,683	5,669,640	23,683	1.0240
1,292,143	23,683	5,707,643	23,683	1.0252
1,294,612	23,683	5,719,098	23,683	1.0252
1,292,770	23,683	5,720,428	23,683	1.0264
1,295,176	23,683	5,722,486	23,683	1.0253
1,290,696	23,683	5,697,179	23,683	1.0247
1,294,017	23,683	5,714,555	23,683	1.0250
1,290,976	23,683	5,710,069	23,683	1.0261

Parameters
Filter: 1
Total time of measurement (min): 10
Time interval between readings (sec): 10
Water absorbance. Front: 0.061546
Sample channel 0. Front: 23683
Ref. channel 0. Front: 446930

Photometer Stray Light Test

17/11/2021 9:27 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Front Photomether

White Light 5g/L: 0 %T < 0.04 %T - Passed

	Minimum	Maximum	Difference	Average	SD
Sample channel	23689	23796	107	23739	23
Sample channel 0	23717	23717	0	23717	0
Ref. channel	5792913	5797253	4340	5794316	951
Ref. channel 0	23717	23717	0	23717	0

Visible Light 50g/L: 0 %T < 0.04 %T - Passed

	Minimum	Maximum	Difference	Average	SD
Sample channel	23681	23757	76	23727	20
Sample channel 0	23717	23717	0	23717	0
Ref. channel	5791929	5795756	3827	5792973	1035
Ref. channel 0	23717	23717	0	23717	0

Front readings White Light

23767	23717	5770576	23717
23715	23717	5770748	23717
23796	23717	5770699	23717
23745	23717	5770082	23717
23750	23717	5773536	23717
23755	23717	5770145	23717
23776	23717	5769840	23717
23741	23717	5770246	23717
23725	23717	5770144	23717
23784	23717	5770345	23717
23748	23717	5773086	23717
23751	23717	5770253	23717
23729	23717	5770318	23717
23735	23717	5771293	23717
23741	23717	5771164	23717
23736	23717	5770976	23717
23689	23717	5770454	23717
23750	23717	5769993	23717
23740	23717	5770553	23717
23724	23717	5771050	23717
23703	23717	5770169	23717
23734	23717	5769621	23717
23735	23717	5770738	23717
23728	23717	5771951	23717
23698	23717	5769737	23717
23748	23717	5770305	23717
23747	23717	5771409	23717

23717	23717	5769686	23717
23730	23717	5769196	23717
23744	23717	5769645	23717

Front readings Visible Light

23724	23717	5769519	23717
23700	23717	5770455	23717
23693	23717	5768363	23717
23757	23717	5769526	23717
23737	23717	5772039	23717
23741	23717	5768640	23717
23681	23717	5768212	23717
23756	23717	5768322	23717
23741	23717	5768770	23717
23752	23717	5771547	23717
23729	23717	5768272	23717
23703	23717	5768825	23717
23733	23717	5768666	23717
23736	23717	5770463	23717
23719	23717	5769127	23717
23727	23717	5769253	23717
23731	23717	5768464	23717
23736	23717	5768869	23717
23698	23717	5770224	23717
23748	23717	5768287	23717
23732	23717	5770944	23717
23729	23717	5768785	23717
23713	23717	5768336	23717
23757	23717	5768542	23717
23731	23717	5770083	23717
23730	23717	5768976	23717
23698	23717	5768301	23717
23736	23717	5769603	23717
23723	23717	5768348	23717
23714	23717	5769912	23717

Parameters
Filter: 1
Number of measurements: 30
Time interval between readings (ms): 0
Volume (ul): 300
Extra volume (ul): 0
Water absorbance. Front: 0.061546
Sample channel 0. Front: 23717
Ref. channel 0. Front: 446930

Temperature Test

17/11/2021 09:30 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Front Arm
Arm room to 30°C: 0 min <= 1.5 min - Passed
Arm 30°C to 40°C: 0 min <= 3.5 min - Passed
Stability: 0 min <= 6 min - Passed
Final temperature: 40°C Tolerance0.3°C - Passed
Final ripple: 0.19°C <= 0.35 °C - Passed

Reaction Trays
Reaction room to 28°C: 0 min <= 10 min - Passed
Reaction 28°C to 39°C: 0 min <= 30 min - Passed
Stability: 1.4 min <= 45 min - Passed
Final temperature: 38.9°C Tolerance0.3°C - Passed
Final ripple: 0.25°C <= 0.35 °C - Passed

Reagent Tray
Reagent T°c: 7°C >= 6.5 °C - Passed
Reagent T°c: 7°C <= Max(8.5;T - 18) - Passed
On temperature time: 0 min <= 20 min - Passed
Room temperature: 27°C

Time (sec.)	Front Arm	Back Arm	Reaction Trays	Reagent Tray
0.0	40.000	-	39.250	8.100
1.1	40.000	-	39.250	8.100
2.2	39.938	-	39.250	8.100
3.4	39.938	-	39.250	8.100
4.5	39.938	-	39.312	8.000
5.6	39.938	-	39.312	8.000
6.7	39.938	-	39.312	8.000
7.9	39.938	-	39.312	8.000
9.0	39.938	-	39.312	8.000
10.1	39.938	-	39.312	8.000
11.3	39.938	-	39.312	7.900
12.4	39.938	-	39.312	7.900
13.5	39.938	-	39.312	7.900
14.6	39.938	-	39.312	7.900
15.8	39.938	-	39.312	7.900
16.9	39.938	-	39.312	7.900
18.0	39.938	-	39.312	7.900
19.1	39.938	-	39.312	7.900
20.2	39.938	-	39.312	7.800
21.4	39.938	-	39.312	7.800
22.5	39.938	-	39.312	7.800
23.6	39.938	-	39.312	7.800
24.8	39.938	-	39.312	7.800
25.9	39.938	-	39.312	7.800
27.0	39.938	-	39.312	7.800
28.1	40.000	-	39.312	7.800
29.2	40.000	-	39.312	7.700
30.4	40.000	-	39.312	7.700
31.5	40.000	-	39.312	7.700

32.6	40.000	-	39.312	7.700
33.7	40.000	-	39.312	7.700
34.8	40.000	-	39.312	7.700
36.0	40.000	-	39.312	7.600
37.1	40.000	-	39.312	7.600
38.2	40.000	-	39.312	7.600
39.3	40.000	-	39.312	7.600
40.5	40.000	-	39.312	7.600
41.6	40.000	-	39.312	7.600
42.7	40.000	-	39.312	7.600
43.8	40.000	-	39.312	7.600
45.0	40.000	-	39.312	7.600
46.1	40.000	-	39.312	7.600
47.2	40.000	-	39.312	7.600
48.3	40.000	-	39.312	7.600
49.5	40.000	-	39.312	7.600
50.6	40.000	-	39.312	7.600
51.7	40.000	-	39.312	7.500
52.8	40.000	-	39.312	7.500
54.0	40.000	-	39.312	7.500
55.1	39.938	-	39.312	7.500
56.2	39.938	-	39.312	7.500
57.3	39.938	-	39.312	7.400
58.5	39.938	-	39.312	7.400
59.6	39.938	-	39.312	7.400
60.7	39.938	-	39.312	7.400
61.8	39.938	-	39.312	7.400
63.0	39.938	-	39.312	7.400
64.1	39.938	-	39.312	7.400
65.2	39.938	-	39.312	7.400
66.3	39.938	-	39.312	7.400
67.5	39.938	-	39.312	7.400
68.6	39.938	-	39.312	7.400
69.7	39.938	-	39.312	7.400
70.8	39.938	-	39.312	7.400
72.0	39.938	-	39.312	7.400
73.1	39.938	-	39.312	7.400
74.2	39.938	-	39.312	7.400
75.3	39.938	-	39.312	7.300
76.5	39.938	-	39.312	7.300
77.6	39.938	-	39.312	7.300
78.7	39.938	-	39.312	7.300
79.8	39.938	-	39.312	7.300
81.0	39.938	-	39.312	7.200
82.1	39.938	-	39.312	7.300
83.2	39.938	-	39.250	7.200
84.3	39.938	-	39.250	7.200
85.5	39.938	-	39.250	7.200
86.6	40.000	-	39.250	7.200
87.7	40.000	-	39.250	7.200
88.8	40.000	-	39.250	7.200
90.0	40.000	-	39.250	7.200
91.1	40.000	-	39.250	7.200
92.2	40.000	-	39.250	7.200
93.3	40.000	-	39.250	7.200
94.5	40.000	-	39.250	7.200

95.6	40.000	-	39.250	7.200
96.7	40.000	-	39.250	7.100
97.8	40.000	-	39.250	7.100
99.0	40.000	-	39.250	7.200
100.1	40.000	-	39.250	7.200
101.2	40.000	-	39.250	7.100
102.3	40.062	-	39.250	7.100
103.4	40.062	-	39.250	7.100
104.6	40.062	-	39.250	7.100
105.7	40.062	-	39.250	7.100
106.8	40.062	-	39.250	7.100
107.9	40.062	-	39.250	7.100
109.0	40.062	-	39.250	7.100
110.2	40.062	-	39.250	7.100
111.3	40.062	-	39.250	7.100
112.4	40.062	-	39.250	7.100
113.5	40.062	-	39.250	7.100
114.6	40.062	-	39.250	7.100
115.7	40.062	-	39.250	7.000
116.9	40.062	-	39.250	7.100
118.0	40.062	-	39.250	7.100
119.1	40.062	-	39.250	7.100
120.2	40.062	-	39.250	7.100
121.4	40.062	-	39.250	7.200
122.5	40.062	-	39.250	7.300
123.6	40.062	-	39.250	7.400
124.7	40.062	-	39.250	7.500
125.8	40.062	-	39.250	7.500
126.9	40.062	-	39.250	7.600
128.1	40.062	-	39.250	7.700
129.2	40.000	-	39.250	7.800
130.3	40.000	-	39.188	7.800
131.4	40.000	-	39.188	7.900
132.6	40.000	-	39.188	8.000
133.7	40.000	-	39.188	8.100
134.8	40.000	-	39.188	8.100
135.9	40.000	-	39.188	8.100
137.1	40.000	-	39.188	8.200
138.2	40.000	-	39.188	8.100
139.3	40.000	-	39.188	8.100
140.4	40.000	-	39.188	8.100
141.6	40.000	-	39.188	8.100
142.7	39.938	-	39.188	8.100
143.8	39.938	-	39.188	8.100
144.9	39.938	-	39.188	8.100
146.1	39.938	-	39.188	8.000
147.2	39.938	-	39.188	8.000
148.3	39.938	-	39.188	8.000
149.4	39.938	-	39.188	8.000
150.5	39.938	-	39.188	7.900
151.6	39.938	-	39.188	7.900
152.8	39.938	-	39.188	7.900
153.9	39.938	-	39.188	7.900
155.0	39.938	-	39.188	7.900
156.1	39.938	-	39.188	7.900
157.3	39.938	-	39.188	7.900

221.3	40.000	-	39.125	7.200
222.4	40.000	-	39.125	7.200
223.6	40.000	-	39.125	7.200
224.7	40.000	-	39.125	7.200
225.8	40.000	-	39.125	7.200
226.9	40.000	-	39.125	7.200
228.1	40.000	-	39.125	7.200
229.2	40.000	-	39.125	7.200
230.3	39.938	-	39.125	7.200
231.4	39.938	-	39.125	7.200
232.6	39.938	-	39.125	7.200
233.7	39.938	-	39.125	7.100
234.8	39.938	-	39.125	7.100
235.9	39.938	-	39.125	7.200
237.1	39.938	-	39.125	7.100
238.2	39.938	-	39.125	7.100
239.3	39.938	-	39.125	7.100
240.4	39.938	-	39.125	7.100
241.6	39.938	-	39.125	7.100
242.7	39.938	-	39.125	7.100
243.8	39.938	-	39.125	7.100
244.9	39.938	-	39.125	7.100
246.1	39.938	-	39.125	7.100
247.2	39.938	-	39.125	7.100
248.3	39.938	-	39.125	7.100
249.4	39.938	-	39.125	7.100
250.6	39.938	-	39.125	7.100
251.7	39.938	-	39.125	7.100
252.8	39.938	-	39.125	7.100
253.9	39.938	-	39.125	7.100
255.1	39.938	-	39.125	7.100
256.2	39.938	-	39.125	7.000
257.3	39.938	-	39.125	7.000
258.4	39.938	-	39.125	7.100
259.6	39.938	-	39.125	7.200
260.7	39.938	-	39.125	7.200
261.8	39.938	-	39.125	7.300
262.9	39.938	-	39.125	7.400
264.1	39.938	-	39.125	7.400
265.2	39.938	-	39.125	7.600
266.3	40.000	-	39.062	7.600
267.4	40.000	-	39.062	7.800
268.5	40.000	-	39.062	7.800
269.7	40.000	-	39.062	7.900
270.8	40.000	-	39.062	7.900
271.9	40.000	-	39.062	8.000
273.0	40.000	-	39.062	8.100
274.2	40.000	-	39.125	8.100
275.3	40.000	-	39.125	8.200
276.4	40.000	-	39.125	8.200
277.5	40.000	-	39.125	8.200
278.7	40.000	-	39.125	8.200
279.8	40.000	-	39.125	8.100
280.9	40.000	-	39.125	8.100
282.0	40.000	-	39.125	8.100
283.2	40.062	-	39.125	8.100

284.3	40.062	-	39.125	8.100
285.4	40.062	-	39.125	8.100
286.5	40.062	-	39.125	8.100
287.7	40.062	-	39.125	8.000
288.8	40.062	-	39.125	8.000
289.9	40.062	-	39.125	8.000
291.0	40.062	-	39.125	7.900
292.2	40.062	-	39.125	7.900
293.3	40.062	-	39.125	7.900
294.4	40.062	-	39.125	7.900
295.5	40.062	-	39.125	7.900
296.7	40.000	-	39.125	7.900
297.8	40.000	-	39.125	7.900
298.9	40.000	-	39.125	7.900
300.0	40.000	-	39.125	7.900
301.2	40.000	-	39.125	7.900
302.3	40.000	-	39.125	7.900
303.4	40.000	-	39.125	7.800
304.5	40.000	-	39.125	7.800
305.7	40.000	-	39.125	7.800
306.8	39.938	-	39.125	7.800
307.9	39.938	-	39.125	7.800
309.0	39.938	-	39.125	7.800
310.2	39.938	-	39.125	7.800
311.3	39.938	-	39.125	7.800
312.4	39.938	-	39.125	7.700
313.5	39.938	-	39.125	7.700
314.7	39.938	-	39.125	7.700
315.8	39.938	-	39.125	7.700
316.9	39.938	-	39.125	7.600
318.0	39.938	-	39.125	7.600
319.2	39.938	-	39.125	7.600
320.3	39.938	-	39.125	7.600
321.4	39.938	-	39.125	7.600
322.5	39.938	-	39.125	7.600
323.7	39.938	-	39.125	7.600
324.8	39.938	-	39.125	7.600
325.9	39.938	-	39.125	7.600
327.0	39.938	-	39.125	7.500
328.2	39.938	-	39.125	7.600
329.3	39.938	-	39.125	7.500
330.4	39.938	-	39.125	7.500
331.5	39.938	-	39.125	7.600
332.7	39.938	-	39.125	7.500
333.8	39.938	-	39.125	7.500
334.9	39.938	-	39.125	7.500
336.1	39.938	-	39.125	7.500
337.2	39.938	-	39.125	7.500
338.3	39.938	-	39.125	7.500
339.4	39.938	-	39.125	7.500
340.5	40.000	-	39.125	7.400
341.7	40.000	-	39.125	7.400
342.8	40.000	-	39.125	7.400
343.9	40.000	-	39.125	7.400
345.0	40.000	-	39.125	7.400
346.2	40.000	-	39.125	7.400

347.3	40.000	-	39.125	7.400
348.4	40.000	-	39.125	7.400
349.5	40.000	-	39.125	7.400
350.7	40.000	-	39.125	7.400
351.8	40.000	-	39.125	7.300
352.9	40.000	-	39.125	7.300
354.0	40.000	-	39.125	7.300
355.2	40.000	-	39.125	7.300
356.3	40.000	-	39.125	7.300
357.4	40.000	-	39.125	7.300
358.5	40.000	-	39.125	7.300
359.7	40.000	-	39.125	7.300
360.8	40.000	-	39.125	7.300
361.9	40.000	-	39.125	7.300
363.0	40.000	-	39.125	7.300
364.2	40.000	-	39.125	7.200
365.3	40.000	-	39.125	7.200
366.4	40.000	-	39.125	7.200
367.5	39.938	-	39.125	7.200
368.7	39.938	-	39.125	7.200
369.8	39.938	-	39.125	7.200
370.9	39.938	-	39.125	7.200
372.0	39.938	-	39.125	7.200
373.2	39.938	-	39.125	7.200
374.3	39.938	-	39.125	7.200
375.4	39.938	-	39.125	7.200
376.5	39.938	-	39.125	7.200
377.6	39.938	-	39.125	7.200
378.7	39.938	-	39.125	7.200
379.9	39.938	-	39.125	7.200
381.0	39.875	-	39.125	7.200
382.1	39.875	-	39.125	7.100
383.2	39.875	-	39.125	7.100
384.3	39.875	-	39.125	7.100
385.5	39.875	-	39.125	7.100
386.6	39.875	-	39.125	7.100
387.7	39.875	-	39.125	7.100
388.8	39.875	-	39.125	7.100
389.9	39.875	-	39.125	7.100
391.1	39.875	-	39.125	7.100
392.2	39.938	-	39.125	7.100
393.3	39.938	-	39.125	7.100
394.4	39.938	-	39.125	7.100
395.6	39.938	-	39.125	7.100
396.7	39.938	-	39.125	7.100
397.8	39.938	-	39.125	7.100
398.9	39.938	-	39.125	7.100
400.1	39.938	-	39.125	7.100
401.2	39.938	-	39.125	7.100
402.3	39.938	-	39.125	7.100
403.4	39.938	-	39.125	7.100
404.5	39.938	-	39.125	7.100
405.7	39.938	-	39.125	7.000
406.8	39.938	-	39.125	7.100
407.9	39.938	-	39.125	7.100
409.0	40.000	-	39.125	7.100

410.2	40.000	-	39.125	7.200
411.3	40.000	-	39.125	7.200
412.4	40.000	-	39.125	7.300
413.5	40.000	-	39.125	7.400
414.7	40.000	-	39.125	7.500
415.8	40.000	-	39.125	7.600
416.9	40.000	-	39.125	7.600
418.0	40.000	-	39.125	7.700
419.1	40.000	-	39.125	7.800
420.2	40.000	-	39.125	7.900
421.4	40.000	-	39.125	7.900
422.5	40.000	-	39.125	8.000
423.6	40.000	-	39.125	8.100
424.7	40.000	-	39.125	8.100
425.9	40.000	-	39.125	8.200
427.0	40.000	-	39.125	8.200
428.1	40.000	-	39.125	8.200
429.2	40.000	-	39.125	8.200
430.3	40.000	-	39.125	8.100
431.5	40.000	-	39.125	8.100
432.6	40.000	-	39.125	8.100
433.7	40.000	-	39.125	8.100
434.8	40.000	-	39.125	8.100
436.0	40.000	-	39.125	8.100
437.1	40.000	-	39.125	8.100
438.2	40.000	-	39.125	8.100
439.3	40.000	-	39.125	8.000
440.5	40.000	-	39.125	8.000
441.6	40.000	-	39.125	8.000
442.7	40.000	-	39.125	8.000
443.8	40.000	-	39.125	8.000
445.0	40.000	-	39.125	7.900
446.1	40.000	-	39.125	7.900
447.2	40.000	-	39.125	7.900
448.3	39.938	-	39.125	7.900
449.5	39.938	-	39.125	7.900
450.6	39.938	-	39.125	7.900
451.7	39.938	-	39.125	7.900
452.8	39.938	-	39.125	7.900
453.9	39.938	-	39.125	7.900
455.1	39.938	-	39.125	7.800
456.2	39.938	-	39.125	7.900
457.3	39.938	-	39.125	7.800
458.4	39.938	-	39.125	7.800
459.6	39.938	-	39.125	7.800
460.7	39.938	-	39.125	7.800
461.8	39.938	-	39.125	7.800
462.9	39.938	-	39.125	7.700
464.1	39.938	-	39.125	7.800
465.2	39.938	-	39.125	7.700
466.3	39.938	-	39.125	7.700
467.5	39.938	-	39.125	7.700
468.6	39.938	-	39.062	7.700
469.7	40.000	-	39.125	7.700
470.8	40.000	-	39.062	7.600
472.0	40.000	-		

473.1	40.000	-	39.062	7.600
474.2	40.000	-	39.062	7.600
475.3	40.000	-	39.062	7.600
476.5	40.000	-	39.062	7.600
477.6	40.000	-	39.125	7.600
478.7	40.000	-	39.125	7.600
479.8	40.000	-	39.062	7.600
481.0	40.000	-	39.062	7.600
482.1	40.000	-	39.062	7.600
483.2	40.000	-	39.062	7.600
484.3	40.000	-	39.062	7.600
485.5	40.000	-	39.062	7.600
486.6	40.000	-	39.062	7.600
487.7	40.000	-	39.062	7.600
488.8	40.000	-	39.062	7.600
489.9	40.000	-	39.062	7.500
491.1	40.000	-	39.062	7.500
492.2	40.062	-	39.062	7.500
493.3	40.000	-	39.125	7.500
494.4	40.000	-	39.125	7.500
495.6	40.000	-	39.125	7.400
496.7	40.000	-	39.125	7.400
497.8	40.000	-	39.125	7.400
498.9	40.000	-	39.125	7.400
500.1	40.000	-	39.125	7.400
501.2	40.000	-	39.125	7.400
502.3	40.000	-	39.125	7.400
503.4	40.000	-	39.125	7.400
504.6	39.938	-	39.125	7.400
505.7	39.938	-	39.125	7.400
506.8	39.938	-	39.062	7.400
507.9	39.938	-	39.062	7.400
509.1	39.938	-	39.062	7.400
510.2	39.938	-	39.062	7.400
511.3	39.938	-	39.062	7.400
512.4	39.938	-	39.062	7.400
513.6	39.938	-	39.125	7.400
514.7	39.938	-	39.062	7.400
515.8	39.938	-	39.125	7.400
516.9	39.938	-	39.125	7.300
518.1	39.938	-	39.125	7.400
519.2	39.938	-	39.125	7.300
520.3	39.938	-	39.125	7.300
521.4	39.938	-	39.125	7.300
522.6	39.938	-	39.125	7.300
523.7	39.938	-	39.125	7.300
524.8	39.938	-	39.125	7.300
525.9	39.938	-	39.125	7.200
527.1	39.938	-	39.125	7.300
528.2	39.938	-	39.125	7.200
529.3	40.000	-	39.125	7.200
530.4	40.000	-	39.125	7.200
531.6	40.000	-	39.125	7.200
532.7	40.000	-	39.125	7.200
533.8	40.000	-	39.125	7.200
534.9	40.000	-	39.125	7.200

536.1	40.000	-	39.125	7.200
537.2	40.000	-	39.125	7.200
538.3	40.000	-	39.125	7.200
539.4	40.000	-	39.125	7.200
540.6	40.000	-	39.125	7.200
541.7	40.000	-	39.125	7.200
542.8	40.000	-	39.125	7.200
543.9	40.000	-	39.125	7.200
545.1	40.000	-	39.125	7.200
546.2	40.000	-	39.125	7.200
547.3	40.000	-	39.125	7.200
548.4	40.000	-	39.125	7.200
549.6	40.000	-	39.125	7.100
550.7	40.000	-	39.125	7.200
551.8	40.000	-	39.125	7.100
552.9	40.000	-	39.125	7.100
554.1	40.000	-	39.125	7.100
555.2	40.000	-	39.125	7.100
556.3	40.000	-	39.125	7.100
557.4	40.000	-	39.125	7.100
558.6	40.000	-	39.125	7.100
559.7	40.000	-	39.125	7.100
560.8	40.000	-	39.125	7.100
561.9	40.000	-	39.125	7.100
563.1	39.938	-	39.125	7.100
564.2	39.938	-	39.125	7.100
565.3	39.938	-	39.125	7.100
566.4	39.938	-	39.125	7.100
567.6	39.938	-	39.125	7.100
568.7	39.938	-	39.125	7.100
569.8	39.938	-	39.125	7.100
570.9	39.938	-	39.125	7.100
572.1	39.938	-	39.125	7.100
573.2	39.938	-	39.125	7.100
574.3	39.938	-	39.125	7.100
575.4	39.938	-	39.125	7.100
576.6	39.938	-	39.125	7.100
577.7	39.938	-	39.125	7.100
578.8	39.938	-	39.125	7.100
579.9	39.938	-	39.125	7.100
581.1	39.938	-	39.125	7.100
582.2	39.938	-	39.125	7.000
583.3	39.938	-	39.125	7.000
584.4	39.938	-	39.125	7.100
585.6	39.938	-	39.125	7.100
586.7	40.000	-	39.125	7.200
587.8	40.000	-	39.125	7.200
588.9	40.000	-	39.125	7.300
590.1	40.000	-	39.125	7.400
591.2	40.000	-	39.125	7.500
592.3	40.000	-	39.125	7.600
593.4	40.000	-	39.125	7.600
594.6	40.000	-	39.125	7.800
595.7	40.000	-	39.125	7.800
596.8	40.000	-	39.125	7.900
597.9	40.000	-	39.125	7.900

599.1	40.000	-	39.125	8.000
600.2	40.000	-	39.125	8.100
601.3	40.000	-	39.125	8.200
602.5	40.000	-	39.125	8.200
603.6	40.000	-	39.125	8.200
604.7	40.000	-	39.125	8.200
605.8	40.000	-	39.125	8.200
606.9	40.000	-	39.125	8.200
608.1	40.000	-	39.125	8.100
609.2	40.062	-	39.125	8.100
610.3	40.062	-	39.125	8.100
611.4	40.062	-	39.125	8.100
612.6	40.062	-	39.125	8.100
613.7	40.062	-	39.125	8.100
614.8	40.062	-	39.125	8.000
615.9	40.062	-	39.125	8.000
617.1	40.000	-	39.125	8.000
618.2	40.000	-	39.125	8.000
619.3	40.000	-	39.125	8.000
620.4	40.000	-	39.125	7.900
621.6	40.000	-	39.125	7.900
622.7	40.000	-	39.125	7.900
623.8	40.000	-	39.125	7.900
624.9	40.000	-	39.125	7.900
626.1	40.000	-	39.125	7.900
627.2	40.000	-	39.125	7.900
628.3	40.000	-	39.125	7.900
629.4	40.000	-	39.125	7.900
630.6	40.000	-	39.125	7.900
631.7	39.938	-	39.125	7.900
632.8	39.938	-	39.125	7.900
633.9	39.938	-	39.125	7.900
635.1	39.938	-	39.125	7.800
636.2	39.938	-	39.125	7.900
637.3	39.938	-	39.125	7.800
638.4	39.938	-	39.125	7.800
639.6	39.938	-	39.125	7.800
640.7	39.938	-	39.125	7.800
641.8	39.938	-	39.125	7.800
642.9	39.938	-	39.125	7.800
644.0	39.938	-	39.125	7.800
645.1	39.938	-	39.125	7.700
646.2	39.938	-	39.125	7.700
647.4	39.938	-	39.125	7.700
648.5	39.938	-	39.125	7.700
649.6	39.938	-	39.125	7.700
650.7	39.938	-	39.125	7.700
651.8	39.938	-	39.125	7.700
652.9	39.938	-	39.125	7.700
654.0	39.938	-	39.125	7.700
655.1	39.938	-	39.125	7.700
656.2	40.000	-	39.125	7.600
657.3	40.000	-	39.125	7.600
658.5	40.000	-	39.125	7.600
659.6	40.000	-	39.125	7.600
660.7	40.000	-	39.125	7.600

661.8	40.000	-	39.125	7.600
662.9	40.000	-	39.125	7.600
664.0	40.000	-	39.125	7.600
665.2	40.000	-	39.125	7.600
666.3	40.000	-	39.062	7.600
667.4	40.000	-	39.125	7.600
668.5	40.000	-	39.062	7.600
669.7	40.000	-	39.062	7.600
670.8	40.000	-	39.062	7.600
671.9	40.000	-	39.062	7.500
673.0	40.000	-	39.062	7.500
674.1	40.000	-	39.062	7.500
675.3	40.000	-	39.062	7.500
676.4	40.000	-	39.062	7.500
677.5	40.000	-	39.062	7.500
678.6	40.000	-	39.062	7.500
679.8	40.000	-	39.062	7.500
680.9	40.000	-	39.062	7.500
682.0	40.000	-	39.062	7.500
683.1	40.000	-	39.062	7.500
684.2	40.000	-	39.062	7.500
685.3	40.000	-	39.062	7.500
686.4	40.000	-	39.062	7.400
687.6	40.000	-	39.062	7.400
688.7	39.938	-	39.062	7.400
689.8	39.938	-	39.062	7.400
690.9	39.938	-	39.062	7.400
692.0	39.938	-	39.062	7.400
693.1	39.938	-	39.062	7.400
694.3	39.938	-	39.062	7.400
695.4	39.938	-	39.062	7.400
696.5	39.938	-	39.062	7.400
697.6	39.938	-	39.062	7.400
698.7	39.938	-	39.062	7.400
699.9	39.875	-	39.062	7.400
701.0	39.875	-	39.062	7.400
702.1	39.875	-	39.062	7.400
703.2	39.875	-	39.062	7.400
704.3	39.875	-	39.062	7.400
705.4	39.875	-	39.062	7.400
706.6	39.875	-	39.062	7.400
707.7	39.875	-	39.062	7.400
708.8	39.875	-	39.062	7.300
709.9	39.875	-	39.062	7.300
711.0	39.875	-	39.062	7.300
712.1	39.875	-	39.062	7.300
713.3	39.875	-	39.062	7.300
714.4	39.938	-	39.062	7.300
715.5	39.938	-	39.062	7.300
716.6	39.938	-	39.062	7.200
717.8	39.938	-	39.062	7.200
718.9	39.938	-	39.062	7.200
720.0	39.938	-	39.062	7.200
721.1	39.938	-	39.062	7.200
722.2	39.938	-	39.062	7.200
723.3	39.938	-	39.062	7.200

724.4	39.938	-	39.062	7.200
725.6	39.938	-	39.062	7.200
726.7	39.938	-	39.062	7.200
727.8	39.938	-	39.062	7.200
728.9	39.938	-	39.062	7.200
730.0	39.938	-	39.062	7.200
731.2	39.938	-	39.062	7.200
732.3	40.000	-	39.062	7.200
733.4	40.000	-	39.062	7.200
734.5	40.000	-	39.062	7.200
735.7	40.000	-	39.062	7.200
736.8	40.000	-	39.062	7.200
737.9	40.000	-	39.062	7.200
739.0	40.000	-	39.062	7.200
740.2	40.000	-	39.062	7.200
741.3	40.000	-	39.062	7.200
742.4	40.000	-	39.062	7.200
743.5	40.000	-	39.062	7.100
744.7	40.000	-	39.062	7.100
745.8	40.000	-	39.062	7.100
746.9	40.000	-	39.062	7.200
748.0	40.000	-	39.062	7.100
749.2	40.000	-	39.062	7.100
750.3	40.000	-	39.062	7.100
751.4	40.000	-	39.062	7.100
752.5	40.000	-	39.062	7.100
753.7	40.000	-	39.062	7.100
754.8	40.000	-	39.062	7.100
755.9	40.000	-	39.062	7.100
757.0	40.000	-	39.062	7.100
758.2	40.000	-	39.062	7.100
759.3	40.000	-	39.062	7.100
760.4	40.000	-	39.062	7.100
761.5	40.000	-	39.062	7.100
762.7	39.938	-	39.062	7.100
763.8	39.938	-	39.062	7.100
764.9	39.938	-	39.062	7.100
766.0	39.938	-	39.062	7.100
767.2	39.938	-	39.125	7.100
768.3	39.938	-	39.125	7.100
769.4	39.938	-	39.125	7.100
770.5	39.938	-	39.125	7.100
771.7	39.938	-	39.125	7.100
772.8	39.938	-	39.125	7.100
773.9	39.938	-	39.125	7.100
775.0	39.938	-	39.125	7.100
776.1	39.938	-	39.125	7.000
777.3	39.938	-	39.125	7.000
778.4	39.938	-	39.125	7.100
779.5	39.938	-	39.125	7.100
780.6	39.938	-	39.062	7.100
781.8	39.938	-	39.062	7.200
782.9	39.938	-	39.062	7.300
784.0	39.938	-	39.062	7.400
785.1	39.938	-	39.062	7.500
786.3	39.938	-	39.062	7.600

787.4	39.938	-	39.062	7.600
788.5	39.938	-	39.062	7.700
789.6	39.938	-	39.062	7.800
790.8	39.938	-	39.062	7.900
791.9	39.938	-	39.062	8.000
793.0	39.938	-	39.062	8.100
794.1	39.938	-	39.062	8.100
795.3	40.000	-	39.062	8.100
796.4	40.000	-	39.062	8.100
797.5	40.000	-	39.062	8.100
798.7	40.000	-	39.062	8.100
799.8	40.000	-	39.062	8.100
800.9	40.000	-	39.062	8.100
802.0	40.000	-	39.062	8.100
803.2	40.000	-	39.062	8.100
804.3	40.000	-	39.062	8.100
805.4	40.000	-	39.062	8.000
806.5	40.000	-	39.062	8.000
807.7	40.000	-	39.062	8.000
808.8	40.062	-	39.062	8.000
809.9	40.062	-	39.062	8.000
811.0	40.062	-	39.062	7.900
812.2	40.062	-	39.062	7.900
813.3	40.062	-	39.062	7.900
814.4	40.062	-	39.062	7.900
815.5	40.062	-	39.062	7.900
816.7	40.062	-	39.062	7.900
817.8	40.062	-	39.062	7.900
818.9	40.062	-	39.062	7.900
820.0	40.000	-	39.062	7.900
821.2	40.000	-	39.062	7.900
822.3	40.000	-	39.062	7.900
823.4	40.000	-	39.062	7.800
824.5	40.000	-	39.062	7.800
825.7	40.000	-	39.062	7.800
826.8	40.000	-	39.062	7.800
827.9	40.000	-	39.062	7.800
829.0	40.000	-	39.062	7.800
830.2	40.000	-	39.062	7.800
831.3	40.000	-	39.062	7.800
832.4	40.000	-	39.062	7.700
833.5	39.938	-	39.062	7.700
834.6	39.938	-	39.062	7.700
835.8	39.938	-	39.062	7.700
836.9	39.938	-	39.062	7.700
838.0	39.938	-	39.062	7.600
839.1	39.938	-	39.062	7.600
840.3	39.938	-	39.062	7.600
841.4	39.938	-	39.062	7.600
842.5	39.938	-	39.062	7.600
843.6	39.938	-	39.125	7.600
844.8	39.938	-	39.125	7.600
845.9	39.938	-	39.062	7.600
847.0	39.938	-	39.125	7.600
848.1	39.938	-	39.062	7.600
849.3	39.938	-	39.125	7.600

850.4	39.938	-	39.125	7.600
851.5	39.938	-	39.125	7.600
852.6	39.938	-	39.125	7.600
853.8	39.938	-	39.125	7.600
854.9	39.938	-	39.125	7.500
856.0	39.938	-	39.125	7.500
857.1	39.938	-	39.125	7.500
858.3	39.938	-	39.125	7.500
859.4	39.938	-	39.125	7.500
860.5	39.938	-	39.125	7.500
861.6	39.938	-	39.125	7.500
862.8	39.938	-	39.125	7.500
863.9	39.938	-	39.125	7.400
865.0	39.938	-	39.125	7.400
866.2	39.938	-	39.125	7.400
867.3	39.938	-	39.062	7.400
868.4	40.000	-	39.125	7.400
869.6	40.000	-	39.125	7.400
870.7	40.000	-	39.125	7.400
871.8	40.000	-	39.062	7.400
872.9	40.000	-	39.062	7.400
874.1	40.000	-	39.062	7.400
875.2	40.000	-	39.062	7.400
876.3	40.000	-	39.062	7.300
877.4	40.000	-	39.062	7.400
878.6	40.000	-	39.062	7.400
879.7	40.000	-	39.062	7.400
880.8	40.000	-	39.062	7.400
881.9	40.000	-	39.062	7.300
883.1	40.000	-	39.062	7.300
884.2	40.000	-	39.062	7.300
885.3	40.000	-	39.062	7.300
886.4	40.000	-	39.062	7.300
887.6	40.000	-	39.062	7.300
888.7	40.000	-	39.062	7.300
889.8	40.000	-	39.062	7.300
890.9	40.000	-	39.062	7.300
892.1	40.000	-	39.062	7.200
893.2	40.000	-	39.062	7.200
894.3	40.000	-	39.062	7.200
895.4	40.000	-	39.062	7.200
896.6	40.000	-	39.062	7.200
897.7	39.938	-	39.062	7.200
898.8	39.938	-	39.062	7.200
899.9	39.938	-	39.062	7.200
901.1	39.938	-	39.062	7.200
902.2	39.938	-	39.062	7.200
903.3	39.938	-	39.062	7.200
904.4	39.938	-	39.062	7.200
905.6	39.938	-	39.062	7.100
906.7	39.938	-	39.062	7.200
907.8	39.938	-	39.062	7.200
908.9	39.938	-	39.062	7.200
910.1	39.938	-	39.062	7.100
911.2	39.938	-	39.062	7.100
912.3	39.938	-	39.062	7.200

913.4	39.938	-	39.062	7.100
914.6	39.938	-	39.062	7.100
915.7	39.938	-	39.062	7.100
916.8	39.938	-	39.062	7.100
917.9	39.938	-	39.125	7.100
919.0	39.938	-	39.125	7.100
920.2	39.938	-	39.125	7.100
921.3	39.938	-	39.062	7.100
922.4	39.938	-	39.062	7.100
923.5	39.938	-	39.062	7.100
924.7	39.938	-	39.062	7.100
925.8	39.938	-	39.062	7.100
926.9	39.938	-	39.062	7.100
928.0	39.938	-	39.062	7.100
929.1	39.938	-	39.062	7.100
930.3	39.938	-	39.062	7.100
931.4	40.000	-	39.062	7.000
932.5	40.000	-	39.062	7.000
933.6	40.000	-	39.062	7.100
934.8	40.000	-	39.062	7.100
935.9	40.000	-	39.062	7.100
937.0	40.000	-	39.062	7.200
938.1	40.000	-	39.062	7.200
939.3	40.000	-	39.062	7.400
940.4	40.000	-	39.062	7.400
941.5	40.000	-	39.062	7.500
942.6	40.000	-	39.062	7.600
943.7	40.000	-	39.062	7.700
944.9	40.000	-	39.062	7.800
946.0	40.062	-	39.062	7.800
947.1	40.062	-	39.062	7.900
948.2	40.062	-	39.062	8.000
949.4	40.062	-	39.062	8.100
950.5	40.062	-	39.000	8.100
951.6	40.062	-	39.000	8.100
952.7	40.062	-	39.000	8.100
953.8	40.062	-	39.000	8.100
954.9	40.062	-	39.000	8.100
956.0	40.062	-	39.000	8.100
957.1	40.062	-	39.000	8.100
958.2	40.000	-	39.000	8.100
959.4	40.000	-	39.000	8.100
960.5	40.000	-	39.062	8.100
961.6	40.000	-	39.062	8.100
962.7	40.000	-	39.062	8.100
963.9	40.000	-	39.062	8.100
965.0	40.000	-	39.062	8.100
966.1	40.000	-	39.062	8.000
967.2	40.000	-	39.062	8.000
968.4	40.000	-	39.062	8.000
969.5	40.000	-	39.062	8.000
970.6	40.000	-	39.062	7.900
971.7	39.938	-	39.062	7.900
972.9	39.938	-	39.062	7.900
974.0	39.938	-	39.062	7.900
975.1	39.938	-	39.062	7.900

976.2	39.938	-	39.062	7.900
977.4	39.938	-	39.062	7.800
978.5	39.938	-	39.062	7.800
979.6	39.938	-	39.062	7.800
980.7	39.875	-	39.062	7.800
981.9	39.875	-	39.062	7.800
983.0	39.875	-	39.062	7.800
984.1	39.875	-	39.062	7.800
985.2	39.875	-	39.000	7.800
986.3	39.875	-	39.000	7.700
987.5	39.875	-	39.000	7.700
988.6	39.875	-	39.000	7.700
989.7	39.875	-	39.000	7.700
990.8	39.875	-	39.000	7.700
991.9	39.875	-	39.000	7.700
993.1	39.938	-	39.000	7.600
994.2	39.938	-	39.000	7.600
995.3	39.938	-	39.000	7.600
996.4	39.938	-	39.000	7.600
997.5	39.938	-	39.000	7.600
998.6	39.938	-	39.000	7.600
999.8	39.938	-	39.000	7.600
1000.9	39.938	-	39.000	7.600
1002.0	39.938	-	39.000	7.600
1003.1	39.938	-	39.000	7.600
1004.3	39.938	-	39.000	7.600
1005.4	39.938	-	39.000	7.500
1006.5	39.938	-	39.000	7.500
1007.6	39.938	-	39.000	7.500
1008.8	39.938	-	39.000	7.500
1009.9	39.938	-	39.000	7.400
1011.0	39.938	-	39.000	7.400
1012.1	39.938	-	39.000	7.400
1013.3	39.938	-	39.000	7.400
1014.4	39.938	-	39.000	7.400
1015.5	39.938	-	39.000	7.400
1016.6	39.938	-	39.000	7.400
1017.8	39.938	-	39.000	7.400
1018.9	40.000	-	39.000	7.400
1020.0	40.000	-	39.000	7.400
1021.1	40.000	-	39.000	7.400
1022.3	40.000	-	39.000	7.400
1023.4	40.000	-	39.000	7.400
1024.5	40.000	-	39.000	7.400
1025.6	40.000	-	39.000	7.400
1026.8	40.000	-	39.000	7.300
1027.9	40.000	-	39.000	7.300
1029.0	40.000	-	39.000	7.300
1030.1	40.000	-	38.938	7.300
1031.3	40.000	-	38.938	7.300
1032.4	40.000	-	38.938	7.200
1033.5	40.000	-	38.938	7.200
1034.6	40.000	-	38.938	7.200
1035.8	40.000	-	38.938	7.200
1036.9	40.000	-	38.938	7.200
1038.0	40.000	-	38.938	7.200

1039.1	40.000	-	38.938	7.200
1040.3	40.000	-	38.938	7.200
1041.4	40.000	-	38.938	7.200
1042.5	40.000	-	38.938	7.200
1043.6	40.000	-	38.938	7.200
1044.8	40.000	-	38.938	7.200
1045.9	40.000	-	38.938	7.200
1047.0	40.000	-	38.938	7.200
1048.1	40.000	-	38.938	7.100
1049.3	40.000	-	39.000	7.200
1050.4	40.000	-	39.000	7.200
1051.5	40.000	-	39.000	7.100
1052.6	40.000	-	39.000	7.100
1053.8	40.000	-	39.000	7.100
1054.9	40.000	-	39.000	7.100
1056.0	40.000	-	39.000	7.100
1057.1	40.000	-	39.000	7.100
1058.3	40.000	-	39.000	7.100
1059.4	40.000	-	39.000	7.100
1060.5	40.000	-	39.000	7.100
1061.6	39.938	-	39.000	7.100
1062.8	39.938	-	39.000	7.100
1063.9	39.938	-	39.000	7.100
1065.0	39.938	-	39.000	7.000
1066.1	39.938	-	38.938	7.000
1067.3	39.938	-	38.938	7.100
1068.4	39.938	-	38.938	7.100
1069.5	39.938	-	38.938	7.100
1070.6	39.938	-	38.938	7.200
1071.8	39.938	-	38.938	7.300
1072.9	39.938	-	38.938	7.400
1074.0	39.938	-	38.938	7.400
1075.1	39.938	-	38.938	7.600
1076.3	39.938	-	38.938	7.600
1077.4	40.000	-	38.938	7.700
1078.5	40.000	-	38.938	7.800
1079.6	40.000	-	38.938	7.900
1080.8	40.000	-	38.938	7.900
1081.9	40.000	-	38.938	8.000
1083.0	40.000	-	38.938	8.100
1084.1	40.000	-	38.938	8.100
1085.3	40.000	-	38.938	8.100
1086.4	40.000	-	38.938	8.200
1087.5	40.000	-	38.938	8.100
1088.6	40.000	-	38.938	8.200
1089.8	40.000	-	38.938	8.100
1090.9	40.000	-	38.938	8.100
1092.0	40.000	-	38.938	8.100
1093.1	40.000	-	38.938	8.100
1094.3	40.000	-	38.938	8.100
1095.4	40.000	-	38.938	8.000
1096.5	40.000	-	38.938	8.000
1097.6	40.000	-	38.938	8.000
1098.8	40.000	-	38.938	8.000
1099.9	40.000	-	38.938	7.900
1101.0	40.000	-	38.938	7.900

1102.1	39.938	-	38.938	7.900
1103.3	39.938	-	38.938	7.900
1104.4	39.938	-	38.938	7.900
1105.5	39.938	-	38.938	7.900
1106.6	39.938	-	38.938	7.900
1107.8	39.938	-	38.938	7.900
1108.9	39.938	-	38.938	7.800
1110.0	39.938	-	38.938	7.800
1111.1	39.938	-	38.938	7.900
1112.3	39.938	-	38.938	7.800
1113.4	40.000	-	38.938	7.800
1114.5	40.000	-	38.938	7.800
1115.6	40.000	-	38.938	7.800
1116.8	40.000	-	38.938	7.800
1117.9	40.000	-	38.938	7.800
1119.0	40.000	-	38.938	7.800
1120.1	40.000	-	38.938	7.800
1121.2	40.000	-	38.938	7.700
1122.4	40.000	-	38.938	7.700
1123.5	40.000	-	38.938	7.700
1124.6	40.000	-	38.938	7.700
1125.7	40.000	-	38.938	7.600
1126.9	40.000	-	38.938	7.600
1128.0	40.000	-	38.938	7.600
1129.1	40.000	-	38.938	7.600
1130.3	40.000	-	38.938	7.600
1131.4	40.000	-	38.938	7.600
1132.5	40.000	-	38.938	7.600
1133.6	40.000	-	38.938	7.600
1134.8	40.000	-	38.938	7.500
1135.9	40.000	-	38.875	7.500
1137.0	40.000	-	38.938	7.600
1138.1	40.000	-	38.938	7.500
1139.2	40.000	-	38.938	7.500
1140.4	40.000	-	38.938	7.500
1141.5	40.000	-	38.938	7.500
1142.6	40.000	-	38.938	7.500
1143.7	40.000	-	38.938	7.500
1144.9	40.000	-	38.938	7.500
1146.0	40.000	-	38.875	7.500
1147.1	40.000	-	38.875	7.500
1148.2	40.000	-	38.938	7.500
1149.4	40.000	-	38.938	7.400
1150.5	40.000	-	38.938	7.400
1151.6	40.000	-	38.938	7.400
1152.7	40.000	-	38.938	7.400
1153.9	40.000	-	38.938	7.400
1155.0	39.938	-	38.938	7.400
1156.1	39.938	-	38.938	7.400
1157.2	39.938	-	38.938	7.400
1158.4	39.938	-	38.938	7.300
1159.5	39.938	-	38.938	7.400
1160.6	39.938	-	38.938	7.300
1161.7	39.938	-	38.938	7.300
1162.9	39.938	-	38.938	7.300
1164.0	39.938	-	38.938	7.300

1165.1	39.938	-	38.938	7.300
1166.2	39.938	-	38.938	7.200
1167.4	39.938	-	38.938	7.200
1168.5	39.938	-	38.938	7.200
1169.6	39.938	-	38.938	7.300
1170.7	39.938	-	38.938	7.300
1171.9	39.938	-	38.938	7.300
1173.0	39.938	-	38.938	7.200
1174.1	39.938	-	38.938	7.300
1175.2	39.938	-	38.938	7.200
1176.4	39.938	-	38.938	7.200
1177.5	39.938	-	38.938	7.200
1178.6	39.938	-	38.938	7.200
1179.7	39.938	-	38.938	7.200
1180.9	39.938	-	38.938	7.200
1182.0	39.938	-	38.938	7.200
1183.1	39.938	-	38.938	7.200
1184.2	39.938	-	38.938	7.200
1185.4	40.000	-	38.938	7.100
1186.5	40.000	-	38.938	7.100
1187.6	40.000	-	38.938	7.100
1188.7	40.000	-	38.938	7.100
1189.9	40.000	-	38.938	7.100
1191.0	40.000	-	38.938	7.100
1192.1	40.000	-	38.938	7.100
1193.2	40.000	-	38.938	7.100
1194.4	40.000	-	38.938	7.100
1195.5	40.000	-	38.938	7.100
1196.6	40.000	-	38.938	7.100
1197.7	40.000	-	38.938	7.100
1198.9	40.000	-	38.938	7.100
1200.0	40.000	-	38.938	7.100
1201.1	40.000	-	38.938	7.100
1202.2	40.000	-	38.938	7.100
1203.4	40.000	-	38.938	7.100
1204.5	40.000	-	38.938	7.100
1205.6	40.000	-	38.938	7.100
1206.7	40.000	-	38.938	7.100
1207.9	40.000	-	38.938	7.100
1209.0	40.000	-	38.938	7.100
1210.1	40.000	-	38.938	7.100
1211.2	40.000	-	38.938	7.100
1212.4	40.000	-	38.938	7.100
1213.5	40.000	-	38.938	7.100
1214.6	40.000	-	38.938	7.100
1215.7	40.000	-	38.938	7.100
1216.9	40.000	-	38.938	7.200
1218.0	40.000	-	38.938	7.300
1219.1	40.000	-	38.938	7.400
1220.2	40.000	-	38.938	7.400
1221.3	40.000	-	38.938	7.600
1222.5	40.000	-	38.938	7.600
1223.6	40.000	-	38.938	7.700
1224.7	39.938	-	38.938	7.800
1225.8	39.938	-	38.938	7.900
1226.9	39.938	-	38.938	7.900

1228.0	39.938	-	38.938	8.000
1229.2	39.938	-	38.938	8.100
1230.3	39.938	-	38.938	8.100
1231.4	39.938	-	38.938	8.200
1232.5	39.938	-	38.938	8.200
1233.6	39.938	-	38.938	8.200
1234.7	39.938	-	38.938	8.200
1235.9	39.938	-	38.938	8.100
1237.0	39.938	-	38.938	8.100
1238.1	39.938	-	38.938	8.100
1239.2	39.938	-	38.938	8.100
1240.4	39.938	-	38.938	8.100
1241.5	39.938	-	38.938	8.100
1242.6	39.938	-	38.938	8.100
1243.7	39.938	-	38.938	8.100
1244.9	39.938	-	38.938	8.000
1246.0	39.938	-	38.938	8.000
1247.1	39.938	-	38.938	8.000
1248.2	40.000	-	38.938	8.000
1249.4	40.000	-	38.938	7.900
1250.5	40.000	-	38.938	7.900
1251.6	40.000	-	38.938	7.900
1252.7	40.000	-	38.938	7.900
1253.9	40.000	-	38.938	7.900
1255.0	40.000	-	38.938	7.900
1256.1	40.000	-	38.938	7.900
1257.2	40.000	-	38.938	7.900
1258.3	40.000	-	38.938	7.900
1259.5	40.000	-	38.938	7.900
1260.6	40.000	-	38.938	7.900
1261.7	40.062	-	38.938	7.800
1262.8	40.062	-	38.938	7.800
1263.9	40.062	-	38.938	7.800
1265.0	40.062	-	38.938	7.800
1266.2	40.062	-	38.938	7.800
1267.3	40.062	-	38.938	7.800
1268.4	40.062	-	38.938	7.800
1269.5	40.062	-	38.938	7.800
1270.6	40.062	-	38.938	7.700
1271.8	40.062	-	38.938	7.700
1272.9	40.000	-	38.938	7.700
1274.0	40.000	-	38.938	7.700
1275.1	40.000	-	38.938	7.700
1276.2	40.000	-	38.938	7.600
1277.4	40.000	-	38.938	7.600
1278.5	40.000	-	38.938	7.600
1279.6	40.000	-	38.938	7.600
1280.7	40.000	-	38.938	7.600
1281.9	40.000	-	38.938	7.600
1283.0	39.938	-	38.938	7.600
1284.1	39.938	-	38.938	7.600
1285.2	39.938	-	39.000	7.600
1286.4	39.938	-	38.938	7.600
1287.5	39.938	-	39.000	7.600
1288.6	39.938	-	39.000	7.600
1289.7	39.938	-	39.000	7.600

1290.9	39.938	-	39.000	7.600
1292.0	39.938	-	39.000	7.600
1293.1	39.938	-	39.000	7.600
1294.2	39.938	-	38.938	7.600
1295.4	39.938	-	38.938	7.500
1296.5	39.938	-	39.000	7.600
1297.6	39.938	-	39.000	7.500
1298.7	39.938	-	39.000	7.500
1299.9	39.938	-	39.000	7.500
1301.0	39.938	-	38.938	7.500
1302.1	39.938	-	38.938	7.400
1303.2	39.938	-	38.938	7.400
1304.4	39.938	-	38.938	7.400
1305.5	39.938	-	38.938	7.400
1306.6	39.938	-	38.938	7.400
1307.7	39.938	-	38.938	7.400
1308.9	39.938	-	38.938	7.400
1310.0	39.938	-	38.938	7.400
1311.1	39.938	-	38.938	7.400
1312.2	39.938	-	38.938	7.400
1313.4	39.938	-	38.938	7.400
1314.5	39.938	-	38.938	7.400
1315.6	39.938	-	38.938	7.400
1316.7	39.938	-	38.938	7.400
1317.8	39.938	-	38.938	7.400
1319.0	39.938	-	38.938	7.400
1320.1	39.938	-	38.938	7.400
1321.2	40.000	-	38.938	7.400
1322.3	39.938	-	38.938	7.400
1323.5	40.000	-	38.938	7.300
1324.6	40.000	-	38.938	7.400
1325.7	40.000	-	38.938	7.300
1326.8	40.000	-	38.938	7.300
1328.0	40.000	-	39.000	7.300
1329.1	40.000	-	39.000	7.300
1330.2	40.000	-	39.000	7.300
1331.4	40.000	-	39.000	7.300
1332.5	40.000	-	39.000	7.200
1333.6	40.000	-	39.000	7.200
1334.7	40.000	-	39.000	7.200
1335.9	40.000	-	39.000	7.200
1337.0	40.000	-	39.000	7.200
1338.1	40.000	-	39.000	7.200
1339.2	40.000	-	39.000	7.200
1340.4	40.000	-	39.000	7.200
1341.5	40.000	-	39.000	7.200
1342.6	40.000	-	39.000	7.200
1343.7	40.000	-	39.000	7.200
1344.9	40.062	-	39.000	7.200
1346.0	40.062	-	39.000	7.200
1347.1	40.062	-	39.000	7.200
1348.2	40.000	-	39.000	7.200
1349.4	40.000	-	39.000	7.200
1350.5	40.000	-	39.000	7.200
1351.6	40.000	-	39.000	7.200
1352.7	40.000	-	39.000	7.200

1353.9	40.000	-	39.000	7.200
1355.0	40.000	-	39.000	7.200
1356.1	40.000	-	39.000	7.200
1357.2	40.000	-	39.000	7.200
1358.4	40.000	-	39.000	7.200
1359.5	40.000	-	39.000	7.200
1360.6	40.000	-	39.000	7.200
1361.7	39.938	-	39.000	7.100
1362.9	39.938	-	39.062	7.100
1364.0	39.938	-	39.000	7.100
1365.1	39.938	-	39.062	7.100
1366.2	39.938	-	39.062	7.100
1367.4	39.938	-	39.000	7.100
1368.5	39.938	-	39.062	7.100
1369.6	39.938	-	39.062	7.100
1370.7	39.938	-	39.062	7.100
1371.9	39.938	-	39.062	7.100
1373.0	39.938	-	39.062	7.100
1374.1	39.938	-	39.062	7.100
1375.2	39.938	-	39.062	7.100
1376.4	39.938	-	39.062	7.100
1377.5	39.938	-	39.062	7.100
1378.6	39.938	-	39.062	7.100
1379.7	39.938	-	39.062	7.100
1380.9	39.938	-	39.000	7.100
1382.0	39.938	-	39.000	7.100
1383.1	39.938	-	39.000	7.100
1384.2	39.938	-	39.000	7.100
1385.3	39.938	-	39.000	7.100
1386.5	40.000	-	39.000	7.100
1387.6	40.000	-	39.000	7.100
1388.7	40.000	-	39.000	7.100
1389.8	40.000	-	39.000	7.100
1391.0	40.000	-	39.000	7.000
1392.1	40.000	-	39.000	7.100
1393.2	40.000	-	39.000	7.100
1394.4	40.000	-	39.000	7.100
1395.5	40.000	-	39.000	7.100
1396.6	40.000	-	39.062	7.200
1397.7	40.000	-	39.062	7.300
1398.9	40.000	-	39.062	7.400
1400.0	40.000	-	39.062	7.500
1401.1	40.000	-	39.062	7.600
1402.2	40.000	-	39.062	7.600
1403.4	40.000	-	39.062	7.700
1404.5	40.000	-	39.062	7.800
1405.6	40.000	-	39.062	7.900
1406.7	40.000	-	39.062	7.900
1407.9	40.000	-	39.062	8.100
1409.0	40.000	-	39.062	8.100
1410.1	40.000	-	39.062	8.100
1411.2	40.000	-	39.062	8.200
1412.4	40.000	-	39.000	8.200
1413.5	40.000	-	39.000	8.200
1414.6	39.938	-	39.000	8.100
1415.7	39.938	-	39.000	8.100

1416.9	39.938	-	39.000	8.100
1418.0	39.938	-	39.000	8.100
1419.1	39.938	-	39.000	8.100
1420.2	39.938	-	39.000	8.100
1421.4	39.938	-	39.000	8.100
1422.5	39.938	-	39.000	8.100
1423.6	39.938	-	39.062	8.100
1424.7	39.938	-	39.000	8.000
1425.9	39.938	-	39.000	8.000
1427.0	39.938	-	39.062	7.900
1428.1	39.938	-	39.062	7.900
1429.2	39.938	-	39.062	7.900
1430.4	39.938	-	39.062	7.900
1431.5	39.938	-	39.062	7.900
1432.6	39.938	-	39.062	7.900
1433.7	39.938	-	39.062	7.900
1434.9	39.938	-	39.062	7.900
1436.0	39.938	-	39.062	7.900
1437.1	39.938	-	39.062	7.900
1438.2	39.938	-	39.062	7.900
1439.4	39.938	-	39.062	7.900
1440.5	39.938	-	39.062	7.800
1441.6	39.938	-	39.062	7.800
1442.7	39.938	-	39.062	7.800
1443.9	39.938	-	39.062	7.800
1445.0	39.938	-	39.062	7.800
1446.1	39.938	-	39.062	7.800
1447.2	39.938	-	39.062	7.800
1448.3	39.938	-	39.062	7.800
1449.5	40.000	-	39.062	7.800
1450.6	40.000	-	39.062	7.800
1451.7	40.000	-	39.062	7.700
1452.8	40.000	-	39.062	7.700
1454.0	40.000	-	39.062	7.700
1455.1	40.000	-	39.062	7.700
1456.2	40.000	-	39.062	7.700
1457.3	40.000	-	39.062	7.600
1458.5	40.000	-	39.062	7.600
1459.6	40.000	-	39.062	7.600
1460.7	40.000	-	39.062	7.600
1461.9	40.000	-	39.062	7.700
1463.0	40.000	-	39.062	7.600
1464.1	40.000	-	39.062	7.600
1465.2	40.000	-	39.062	7.600
1466.4	40.000	-	39.062	7.600
1467.5	40.062	-	39.062	7.600
1468.6	40.062	-	39.062	7.600
1469.7	40.062	-	39.062	7.600
1470.9	40.062	-	39.062	7.600
1472.0	40.062	-	39.062	7.600
1473.1	40.062	-	39.062	7.600
1474.2	40.062	-	39.062	7.600
1475.4	40.062	-	39.062	7.600
1476.5	40.062	-	39.062	7.500
1477.6	40.062	-	39.062	7.500
1478.7	40.000	-	39.062	7.500

1479.9	40.000	-	39.062	7.500
1481.0	40.062	-	39.062	7.400
1482.1	40.000	-	39.062	7.500
1483.2	40.000	-	39.062	7.400
1484.3	40.000	-	39.062	7.400
1485.5	40.000	-	39.062	7.400
1486.6	40.000	-	39.062	7.400
1487.7	40.000	-	39.062	7.400
1488.8	40.000	-	39.062	7.400
1489.9	40.000	-	39.062	7.400
1491.0	40.000	-	39.062	7.400
1492.2	40.000	-	39.062	7.400
1493.3	40.000	-	39.062	7.400
1494.4	40.000	-	39.062	7.400
1495.5	40.000	-	39.062	7.400
1496.6	40.000	-	39.062	7.400
1497.7	40.000	-	39.062	7.400
1498.9	39.938	-	39.062	7.400
1500.0	39.938	-	39.062	7.400
1501.1	39.938	-	39.062	7.400
1502.2	39.938	-	39.062	7.400
1503.4	39.938	-	39.062	7.300
1504.5	39.938	-	39.062	7.300
1505.6	39.938	-	39.062	7.300
1506.7	39.938	-	39.062	7.300
1507.9	39.938	-	39.062	7.300
1509.0	39.938	-	39.062	7.300
1510.1	39.938	-	39.062	7.300
1511.2	39.938	-	39.062	7.200
1512.4	39.938	-	39.062	7.200
1513.5	39.938	-	39.062	7.200
1514.6	39.938	-	39.062	7.200
1515.7	39.938	-	39.062	7.200
1516.8	39.938	-	39.062	7.200
1518.0	39.938	-	39.062	7.200
1519.1	39.938	-	39.062	7.200
1520.2	39.938	-	39.062	7.200
1521.3	39.938	-	39.062	7.200
1522.5	39.938	-	39.062	7.200
1523.6	39.938	-	39.062	7.200
1524.7	39.938	-	39.062	7.200
1525.8	39.938	-	39.062	7.200
1527.0	39.938	-	39.062	7.200
1528.1	40.000	-	39.062	7.200
1529.2	40.000	-	39.062	7.200
1530.3	40.000	-	39.062	7.200
1531.4	40.000	-	39.062	7.200
1532.5	40.000	-	39.062	7.200
1533.6	40.000	-	39.062	7.200
1534.8	40.000	-	39.062	7.200
1535.9	40.000	-	39.000	7.100
1537.0	40.000	-	39.000	7.100
1538.1	40.000	-	39.000	7.100
1539.2	40.000	-	39.000	7.100
1540.3	40.000	-	39.000	7.100
1541.4	40.000	-	39.000	7.100

1542.6	40.000	-	39.000	7.100
1543.7	40.000	-	39.000	7.100
1544.8	40.000	-	39.000	7.100
1545.9	40.000	-	39.000	7.100
1547.0	40.000	-	39.062	7.100
1548.2	40.000	-	39.062	7.100
1549.3	40.000	-	39.062	7.100
1550.4	40.000	-	39.062	7.100
1551.5	40.062	-	39.062	7.100
1552.7	40.062	-	39.062	7.100
1553.8	40.062	-	39.062	7.100
1554.9	40.062	-	39.062	7.100
1556.0	40.062	-	39.062	7.100
1557.1	40.000	-	39.062	7.100
1558.3	40.000	-	39.000	7.100
1559.4	40.000	-	39.000	7.000
1560.5	40.000	-	39.000	7.100
1561.6	40.000	-	39.000	7.100
1562.7	40.000	-	39.000	7.100
1563.9	40.000	-	39.000	7.200
1565.0	40.000	-	39.000	7.200
1566.1	40.000	-	39.000	7.300
1567.2	40.000	-	39.000	7.400
1568.4	39.938	-	39.000	7.500
1569.5	39.938	-	39.000	7.600
1570.6	39.938	-	39.000	7.700
1571.7	39.938	-	39.000	7.700
1572.9	39.938	-	39.000	7.800
1574.0	39.938	-	39.000	7.900
1575.1	39.938	-	39.000	7.900
1576.2	39.938	-	39.000	8.100
1577.3	39.938	-	39.000	8.100
1578.5	39.938	-	39.000	8.100
1579.6	39.938	-	39.000	8.200
1580.7	39.938	-	39.000	8.100
1581.8	39.938	-	39.000	8.200
1583.0	39.938	-	39.000	8.100
1584.1	39.938	-	39.000	8.100
1585.2	39.938	-	39.000	8.100
1586.3	39.938	-	39.000	8.100
1587.5	39.938	-	39.000	8.100
1588.6	39.938	-	39.000	8.100
1589.7	39.938	-	39.000	8.100
1590.8	39.938	-	39.000	8.000
1592.0	39.938	-	39.000	8.000
1593.1	39.938	-	39.000	8.000
1594.2	40.000	-	39.000	8.000
1595.4	39.938	-	39.000	7.900
1596.5	40.000	-	39.000	7.900
1597.6	40.000	-	39.000	7.900
1598.7	40.000	-	39.000	7.900
1599.9	40.000	-	39.000	7.900
1601.0	40.000	-	39.000	7.900
1602.1	40.000	-	39.000	7.900
1603.2	40.000	-	39.000	7.900
1604.3	40.000	-	39.000	7.900

1605.5	40.000	-	39.000	7.900
1606.6	40.000	-	39.000	7.900
1607.7	40.000	-	39.000	7.800
1608.8	40.000	-	39.000	7.800
1610.0	40.000	-	39.000	7.800
1611.1	40.000	-	39.000	7.800
1612.2	40.000	-	39.000	7.800
1613.3	40.000	-	39.000	7.800
1614.5	40.000	-	39.000	7.800
1615.6	40.000	-	39.000	7.700
1616.7	40.000	-	39.000	7.700
1617.8	40.000	-	39.000	7.700
1619.0	40.000	-	39.000	7.700
1620.1	40.000	-	39.000	7.700
1621.2	40.000	-	39.000	7.700
1622.3	40.000	-	39.000	7.600
1623.4	40.000	-	39.000	7.600
1624.6	40.000	-	39.000	7.600
1625.7	40.000	-	39.000	7.600
1626.8	40.000	-	39.000	7.600
1627.9	40.000	-	39.000	7.600
1629.1	40.000	-	39.000	7.600
1630.2	40.000	-	39.062	7.600
1631.3	40.000	-	39.062	7.600
1632.4	40.000	-	39.062	7.600
1633.6	39.938	-	39.062	7.600
1634.7	39.938	-	39.062	7.600
1635.8	39.938	-	39.062	7.600
1636.9	39.938	-	39.062	7.600
1638.1	39.938	-	39.062	7.500
1639.2	39.938	-	39.000	7.500
1640.3	39.938	-	39.000	7.600
1641.4	39.938	-	39.000	7.500
1642.6	39.875	-	39.000	7.500
1643.7	39.875	-	39.000	7.500
1644.8	39.875	-	39.000	7.500
1645.9	39.875	-	39.000	7.400
1647.1	39.875	-	39.000	7.400
1648.2	39.875	-	39.000	7.400
1649.3	39.875	-	39.000	7.400
1650.4	39.875	-	39.000	7.400
1651.6	39.875	-	39.000	7.400
1652.7	39.875	-	39.000	7.400
1653.8	39.875	-	39.000	7.400
1654.9	39.875	-	39.000	7.400
1656.1	39.875	-	39.000	7.400
1657.2	39.875	-	39.000	7.400
1658.3	39.938	-	39.000	7.400
1659.5	39.938	-	39.000	7.300
1660.6	39.938	-	39.000	7.400
1661.7	39.938	-	39.000	7.400
1662.8	39.938	-	39.000	7.400
1664.0	39.938	-	39.000	7.300
1665.1	39.938	-	39.000	7.300
1666.2	39.938	-	39.000	7.300
1667.3	39.938	-	38.938	7.300

1668.5	39.938	-	38.938	7.300
1669.6	39.938	-	38.938	7.300
1670.7	39.938	-	38.938	7.300
1671.8	39.938	-	38.938	7.300
1673.0	39.938	-	38.938	7.200
1674.1	39.938	-	38.938	7.200
1675.2	39.938	-	38.938	7.200
1676.3	39.938	-	38.938	7.200
1677.5	39.938	-	38.938	7.200
1678.6	40.000	-	38.938	7.200
1679.7	40.000	-	38.938	7.200

Washer Hydraulics Test

17/11/2021 9:03 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Front washer

Pumping level check
D1: 460 ul. 300 ul <= L <= 500 ul - Passed
D2: 413 ul. 300 ul <= L <= 500 ul - Passed
D3: 683 ul. 500 ul <= L <= 700 ul - Passed
D4: 661 ul. 500 ul <= L <= 700 ul - Passed
D5: 670 ul. 500 ul <= L <= 700 ul - Passed
D6: 656 ul. 500 ul <= L <= 700 ul - Passed

Aspiration level check
D1: 0 ul < 60 ul - Passed
D2: 9 ul < 60 ul - Passed
D3: 0 ul < 60 ul - Passed
D4: 0 ul < 60 ul - Passed
D5: 3 ul < 60 ul - Passed
D6: 3 ul < 60 ul - Passed
D7: 3 ul < 60 ul - Passed

Pumping level stability
D1: 1.1854 % < 9 % - Passed
D2: 0.7523 % < 9 % - Passed
D3: 1.3581 % < 6 % - Passed
D4: 2.5206 % < 6 % - Passed
D5: 0.5362 % < 6 % - Passed
D6: 1.2314 % < 6 % - Passed

	Minimum	Maximum	Difference	Average	SD	CV
D1	413	425	12	419	5	1.185
D2	413	421	8	417	3	0.752
D3	674	696	22	685	9	1.358
D4	648	688	40	664	17	2.521
D5	674	683	9	679	4	0.536
D6	643	661	18	652	8	1.231

Parameters
Front washer
Pump steps: 1500
Nasher steps: 400
Time down: 1000

restricted

Washing Test

17/11/2021 9:14 AM

Software v2.6.0s

CPU Serial Number 01E84E531400007A **Instrument SN** WK-76105427

Front washer
3 - 1: 0.0033 abs. < 0.02 abs. - Passed

	Minimum	Maximum	Average
1	0.0616	0.0688	0.0662
2	0.0524	0.0795	0.0663
3	0.0613	0.0689	0.0660
2 - 1	0.0000	0.0148	0.0010
3 - 1	0.0000	0.0033	0.0003

Front washer

0.0641	0.0645	0.0635	-0.0006
0.0656	0.0660	0.0623	-0.0033
0.0673	0.0689	0.0672	-0.0001
0.0656	0.0656	0.0653	-0.0002
0.0616	0.0624	0.0613	-0.0004
0.0660	0.0664	0.0666	0.0006
0.0645	0.0650	0.0645	0.0000
0.0656	0.0660	0.0659	0.0003
0.0657	0.0651	0.0658	0.0001
0.0647	0.0657	0.0648	0.0001
0.0675	0.0685	0.0675	-0.0001
0.0664	0.0669	0.0660	-0.0004
0.0674	0.0679	0.0675	0.0001
0.0683	0.0681	0.0689	0.0005
0.0664	0.0669	0.0665	0.0001
0.0656	0.0658	0.0653	-0.0003
0.0648	0.0634	0.0633	-0.0015
0.0662	0.0524	0.0660	-0.0002
0.0662	0.0665	0.0659	-0.0003
0.0653	0.0649	0.0648	-0.0006
0.0654	0.0658	0.0652	-0.0001
0.0644	0.0646	0.0647	0.0003
0.0651	0.0651	0.0648	-0.0004
0.0655	0.0658	0.0655	0.0000
0.0646	0.0649	0.0647	0.0001
0.0647	0.0795	0.0645	-0.0002
0.0650	0.0657	0.0649	-0.0001
0.0646	0.0634	0.0644	-0.0002
0.0672	0.0672	0.0669	-0.0003
0.0635	0.0631	0.0633	-0.0002
0.0665	0.0664	0.0662	-0.0003
0.0657	0.0646	0.0655	-0.0002
0.0671	0.0668	0.0670	-0.0001
0.0672	0.0670	0.0671	-0.0001
0.0658	0.0648	0.0657	-0.0001

0.0668	0.0672	0.0667	-0.0001
0.0658	0.0654	0.0657	-0.0002
0.0668	0.0672	0.0667	-0.0001
0.0688	0.0700	0.0686	-0.0002

0.0652	0.0657	0.0651	-0.0001
0.0685	0.0686	0.0683	-0.0002
0.0663	0.0656	0.0661	-0.0002
0.0677	0.0683	0.0675	-0.0002
0.0683	0.0681	0.0680	-0.0003
0.0668	0.0681	0.0664	-0.0004
0.0662	0.0677	0.0661	-0.0001
0.0655	0.0673	0.0654	-0.0002
0.0666	0.0661	0.0661	-0.0004
0.0664	0.0676	0.0663	-0.0001
0.0636	0.0645	0.0636	0.0000
0.0667	0.0665	0.0666	-0.0001
0.0661	0.0668	0.0659	-0.0002
0.0674	0.0659	0.0674	0.0001
0.0683	0.0688	0.0682	0.0000
0.0659	0.0671	0.0660	0.0001
0.0668	0.0664	0.0670	0.0002
0.0659	0.0654	0.0656	-0.0003
0.0671	0.0660	0.0667	-0.0004
0.0669	0.0665	0.0672	0.0003
0.0655	0.0653	0.0656	0.0001
0.0676	0.0675	0.0675	-0.0001
0.0663	0.0666	0.0664	0.0001
0.0677	0.0683	0.0678	0.0001
0.0671	0.0676	0.0672	0.0001
0.0640	0.0647	0.0641	0.0001
0.0680	0.0675	0.0670	-0.0010
0.0661	0.0655	0.0651	-0.0011
0.0671	0.0674	0.0661	-0.0011
0.0688	0.0680	0.0677	-0.0011
0.0671	0.0667	0.0660	-0.0010

Parameters
Filter: 1
Drying time (sec): 180
Number of cuvettes: 70