

Lampiran 1. 1 Data 1 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
0	00:00:00	71.3	69.2	70.2	69.3	69.6	69.4	68.4	68.6	69.8	70.1	70	70.8	68.8	68.6	68.9	69.8
1	00:00:05	68.9	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.2	69.9	70.4	70.2	69.9	68.8	69.2	69.7
2	00:00:10	68.9	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.3	69.9	70.4	70.3	69.9	68.8	69.2	69.8
3	00:00:15	68.9	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.3	69.9	70.4	70.3	69.9	68.8	69.2	69.8
4	00:00:20	68.9	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.3	69.9	70.4	70.2	69.9	68.8	69.2	69.8
5	00:00:25	68.9	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.3	69.9	70.4	70.3	69.9	68.8	69.2	69.8
6	00:00:30	68.8	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.2	69.9	70.4	70.3	69.9	68.8	69.2	69.8
7	00:00:35	68.8	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.2	69.9	70.4	70.3	69.9	68.8	69.2	69.8
8	00:00:40	68.8	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.2	69.9	70.4	70.3	69.9	68.7	69.2	69.7
9	00:00:45	68.8	69.3	68.9	69.5	69.4	69.9	68.8	68.6	70.2	69.9	70.4	70.2	69.9	68.7	69.2	69.7
10	00:00:50	68.8	69.3	68.9	69.5	69.4	69.9	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.7	69.2	69.7
11	00:00:55	68.7	69.3	68.9	69.4	69.4	69.9	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.7	69.2	69.7
12	00:01:00	68.7	69.3	68.9	69.4	69.3	69.9	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.6	69.2	69.7
13	00:01:05	68.7	69.3	68.9	69.4	69.3	69.8	68.8	68.5	70.2	69.8	70.4	70.2	69.9	68.6	69.2	69.7
14	00:01:10	68.7	69.3	68.9	69.4	69.3	69.8	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.6	69.2	69.7
15	00:01:15	68.7	69.2	68.9	69.4	69.3	69.8	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.6	69.2	69.7
16	00:01:20	68.6	69.2	68.9	69.4	69.4	69.8	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.5	69.2	69.7
17	00:01:25	68.6	69.2	68.9	69.4	69.3	69.8	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.5	69.2	69.7
18	00:01:30	68.6	69.2	68.9	69.4	69.3	69.8	68.8	68.5	70.2	69.9	70.4	70.2	69.9	68.4	69.2	69.6
19	00:01:35	68.5	69.2	68.9	69.4	69.3	69.8	68.8	68.4	70.2	69.9	70.3	70.2	69.9	68.4	69.2	69.6
20	00:01:40	68.5	69.2	68.9	69.4	69.3	69.8	68.8	68.4	70.2	69.8	70.4	70.2	69.9	68.3	69.2	69.6
21	00:01:45	68.5	69.2	68.9	69.4	69.3	69.8	68.7	68.4	70.2	69.9	70.3	70.2	69.9	68.2	69.2	69.6
22	00:01:50	68.5	69.2	68.8	69.4	69.3	69.8	68.7	68.4	70.2	69.8	70.4	70.2	69.9	68.2	69.2	69.6
23	00:01:55	68.4	69.2	68.8	69.4	69.3	69.8	68.7	68.4	70.2	69.8	70.3	70.2	69.9	68.2	69.2	69.6
3300	04:35:00	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3301	04:35:05	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3302	04:35:10	27.5	27.4	27.3	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3303	04:35:15	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3304	04:35:20	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3305	04:35:25	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3306	04:35:30	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3307	04:35:35	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3308	04:35:40	27.5	27.4	27.4	27.4	27.5	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3309	04:35:45	27.5	27.4	27.4	27.4	27.5	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3310	04:35:50	27.5	27.4	27.4	27.4	27.5	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3311	04:35:55	27.5	27.4	27.4	27.4	27.5	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.6
3312	04:36:00	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.6	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3313	04:36:05	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3314	04:36:10	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3315	04:36:15	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3316	04:36:20	27.5	27.4	27.4	27.4	27.4	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.7
3317	04:36:25	27.5	27.4	27.4	27.4	27.5	27.7	27.5	27.7	27.5	27.4	27.5	27.5	27.5	27.4	69.2	27.6

Lampiran 1. 2 Data 1 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
0	00:00:00	70.4	70.4	70.9	70.3	69.6	69.6	69.1	69.5	66.7	67.6	65.7	69.6	36.2	31.1
1	00:00:05	69.4	69.7	69.9	70	69.4	69.4	69.5	69.4	67.6	67.9	66.1	69.5	29	56.5
2	00:00:10	69.9	70.2	70.4	70.5	69.9	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	58.4
3	00:00:15	69.9	70.2	70.4	70.5	70	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	59.9
4	00:00:20	69.9	70.2	70.4	70.5	70	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	61
5	00:00:25	69.9	70.2	70.4	70.5	70	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	61.5
6	00:00:30	69.8	70.2	70.4	70.5	70	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	62.3
7	00:00:35	69.9	70.2	70.4	70.5	70	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	62.4
8	00:00:40	69.9	70.1	70.3	70.5	69.9	69.9	70	69.9	67.6	67.8	66.1	69.5	28.9	62
9	00:00:45	69.9	70.1	70.3	70.5	69.9	69.9	70	69.9	67.6	67.8	66.1	69.4	28.9	62.3
10	00:00:50	69.8	70.1	70.3	70.5	69.9	69.9	70	69.8	67.7	67.8	66.1	69.5	28.9	62.5
11	00:00:55	69.8	70.1	70.3	70.5	69.9	69.9	70	69.8	67.7	67.8	66.1	69.4	28.9	63.2
12	00:01:00	69.8	70.1	70.3	70.5	69.9	69.9	70	69.8	67.7	67.8	66.1	69.4	28.9	63.1
13	00:01:05	69.8	70.1	70.3	70.5	69.9	69.8	70	69.8	67.7	67.8	66.1	69.4	28.9	63.3
14	00:01:10	69.8	70.1	70.3	70.5	69.9	69.9	70	69.8	67.6	67.8	66.1	69.4	28.9	62.8
15	00:01:15	69.8	70.1	70.3	70.5	69.9	69.8	70	69.8	67.6	67.8	66.1	69.4	28.9	62.1
16	00:01:20	69.8	70.1	70.3	70.5	69.9	69.9	70	69.8	67.6	67.7	66.1	69.4	28.9	61.9
17	00:01:25	69.8	70.1	70.3	70.5	69.9	69.8	70	69.8	67.6	67.7	66.1	69.4	28.9	61.6
18	00:01:30	69.8	70.1	70.3	70.5	69.9	69.8	70	69.8	67.6	67.7	66.1	69.4	28.9	61.2
19	00:01:35	69.8	70.1	70.3	70.5	69.9	69.8	70	69.8	67.6	67.7	66	69.4	28.9	62.1
20	00:01:40	69.8	70.1	70.3	70.5	69.9	69.8	70	69.8	67.6	67.7	66	69.4	28.9	62.4
21	00:01:45	69.8	70.1	70.3	70.4	69.9	69.8	70	69.8	67.6	67.7	66.1	69.4	28.9	62.1
22	00:01:50	69.8	70.1	70.2	70.4	69.9	69.8	70	69.8	67.6	67.7	66.1	69.4	28.9	62.1
23	00:01:55	69.8	70.1	70.2	70.4	69.8	69.8	70	69.7	67.6	67.7	66.1	69.4	28.9	62
3300	04:35:00	27.5	27.7	27.7	27.8	27.6	27.7	27.7	27.7	26.2	26.3	26.6	26.8	27.5	35.1
3301	04:35:05	27.5	27.6	27.7	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35.1
3302	04:35:10	27.5	27.6	27.7	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35.1
3303	04:35:15	27.5	27.6	27.7	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.9	27.5	35.1
3304	04:35:20	27.5	27.6	27.7	27.7	27.6	27.6	27.7	27.7	26.3	26.4	26.7	26.9	27.6	35.1
3305	04:35:25	27.5	27.6	27.7	27.7	27.6	27.6	27.7	27.7	26.3	26.4	26.7	26.9	27.6	35.1
3306	04:35:30	27.5	27.6	27.7	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35
3307	04:35:35	27.5	27.6	27.6	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35.1
3308	04:35:40	27.5	27.6	27.6	27.7	27.6	27.6	27.7	27.7	26.2	26.3	26.6	26.8	27.5	35
3309	04:35:45	27.5	27.6	27.6	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35
3310	04:35:50	27.5	27.6	27.6	27.7	27.6	27.6	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35.1
3311	04:35:55	27.6	27.7	27.6	27.8	27.7	27.7	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35.1
3312	04:36:00	27.6	27.7	27.6	27.8	27.7	27.7	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35
3313	04:36:05	27.6	27.7	27.6	27.8	27.7	27.7	27.7	27.7	26.3	26.3	26.6	26.8	27.5	35.1
3314	04:36:10	27.6	27.7	27.6	27.8	27.7	27.7	27.7	27.8	26.3	26.3	26.6	26.8	27.5	35
3315	04:36:15	27.6	27.7	27.6	27.8	27.6	27.7	27.7	27.8	26.3	26.3	26.6	26.8	27.6	35.1
3316	04:36:20	27.6	27.7	27.6	27.8	27.6	27.7	27.7	27.8	26.2	26.3	26.6	26.8	27.6	34.9
3317	04:36:25	27.6	27.7	27.6	27.8	27.6	27.7	27.7	27.8	26.3	26.4	26.7	26.9	27.6	35.1

Lampiran 1. 3 Data 1,5 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
0	00:00:00	68.3	67.8	67.6	67.9	67.8	68	67.6	67.5	68.6	68.4	68.5	68.5	68.3	68.2	68.3	68.6
1	00:00:05	68.8	68.3	68.1	68.4	68.2	68.4	68.1	68	69.1	68.9	69	69	68.8	68.7	68.8	69.1
2	00:00:10	68.7	68.3	68.2	68.4	68.3	68.5	68.1	68	69.1	68.9	69	69	68.8	68.6	68.8	69.1
3	00:00:15	68.7	68.3	68.2	68.4	68.3	68.4	68.1	68	69.1	68.9	69	69	68.8	68.6	68.7	69.1
4	00:00:20	68.7	68.3	68.2	68.4	68.3	68.4	68.1	68	69	68.9	69	69	68.8	68.5	68.6	69.1
5	00:00:25	68.7	68.3	68.2	68.4	68.3	68.4	68.1	68	69.1	69	69	69	68.8	68.4	68.5	69
6	00:00:30	68.6	68.3	68.1	68.4	68.3	68.4	68.1	68	69.1	68.9	69	69	68.8	68.4	68.5	68.9
7	00:00:35	68.6	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.8	68.4	68.5	68.9
8	00:00:40	68.6	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.8	68.4	68.6	68.9
9	00:00:45	68.5	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.8	68.5	68.5	68.9
10	00:00:50	68.5	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.8	68.5	68.6	68.9
11	00:00:55	68.5	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.8	68.5	68.6	68.9
12	00:01:00	68.4	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.9	68.5	68.6	68.9
13	00:01:05	68.4	68.3	68.1	68.4	68.3	68.4	68.1	67.9	69	69	69	69	68.9	68.5	68.6	68.9
14	00:01:10	68.3	68.2	68.1	68.4	68.3	68.4	68.1	67.9	69	69	69	69	68.9	68.5	68.6	68.9
15	00:01:15	68.3	68.2	68.1	68.4	68.3	68.4	68.1	67.9	69	68.9	69	69	68.9	68.5	68.5	68.8
16	00:01:20	68.3	68.2	68.1	68.3	68.3	68.4	68.1	67.9	69	68.9	69	69	68.9	68.5	68.6	68.8
17	00:01:25	68.2	68.2	68.1	68.3	68.3	68.4	68.1	67.8	69	68.9	69	69	68.9	68.4	68.5	68.8
18	00:01:30	68.2	68.2	68.1	68.3	68.3	68.4	68.1	67.8	69	68.9	69	69	68.9	68.4	68.5	68.8
19	00:01:35	68.1	68.2	68.1	68.3	68.3	68.4	68.1	67.8	69	68.9	69	69	68.9	68.3	68.5	68.8
20	00:01:40	68.1	68.2	68	68.3	68.3	68.4	68.1	67.8	69	68.9	69	69	68.9	68.2	68.5	68.8
21	00:01:45	68	68.2	68	68.3	68.3	68.4	68.1	67.8	69	68.9	69	69	68.9	68.2	68.5	68.8
22	00:01:50	67.9	68.2	68	68.3	68.3	68.4	68.1	67.8	69	68.9	69	69	68.9	68	68.4	68.8
23	00:01:55	67.8	68.2	68	68.3	68.2	68.4	68	67.8	69	68.9	69	69	68.9	67.8	68.4	68.8
2982	04:08:30	30	29.9	29.7	29.8	29.7	30.1	29.8	29.9	29.8	29.6	29.9	29.9	29.9	29.7	29.7	29.8
2983	04:08:35	30	29.8	29.8	29.8	29.7	30	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.8
2984	04:08:40	30	29.9	29.7	29.8	29.7	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2985	04:08:45	30	29.8	29.8	29.8	29.7	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2986	04:08:50	30	29.8	29.8	29.8	29.7	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	30
2987	04:08:55	30	29.8	29.8	29.8	29.7	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2988	04:09:00	30	29.8	29.8	29.8	29.7	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2989	04:09:05	30	29.8	29.8	29.8	29.7	30	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2990	04:09:10	30	29.8	29.8	29.8	29.7	30.1	29.8	30	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2991	04:09:15	30	29.8	29.8	29.8	29.7	30.1	29.8	30	29.8	29.7	29.9	29.9	29.9	29.7	29.8	29.9
2992	04:09:20	30	29.8	29.8	29.8	29.7	30.1	29.8	30	29.9	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2993	04:09:25	30	29.9	29.8	29.8	29.8	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2994	04:09:30	30	29.8	29.8	29.8	29.7	30.1	29.8	30	29.8	29.7	29.9	29.9	29.9	29.7	29.7	29.9
2995	04:09:35	30	29.8	29.8	29.8	29.7	30.1	29.8	30	29.8	29.7	29.9	29.9	29.9	29.7	29.8	29.8
2996	04:09:40	30	29.8	29.8	29.8	29.8	30.1	29.8	30	29.8	29.7	29.9	29.9	29.9	29.7	29.8	29.9
2997	04:09:45	30	29.8	29.8	29.8	29.8	30.1	29.8	30	29.8	29.7	29.9	29.9	29.9	29.7	29.8	29.9
2998	04:09:50	30	29.8	29.8	29.8	29.8	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.8	29.9
2999	04:09:55	30	29.8	29.8	29.8	29.8	30.1	29.8	29.9	29.8	29.7	29.9	29.9	29.9	29.7	29.8	29.9

Lampiran 1. 4 Data 1,5 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
0	00:00:00	69.2	69.3	69.3	69.4	69.2	69.1	68.9	69.2	66.4	66.8	64.8	67.6	29.8	29.2
1	00:00:05	69.2	69.3	69.4	69.4	69.3	69.1	68.9	69.1	66.4	66.8	64.8	67.7	29.6	29.5
2	00:00:10	69.2	69.3	69.4	69.4	69.3	69.1	68.9	69.1	66.4	66.8	64.8	67.7	29.6	30.1
3	00:00:15	69.2	69.3	69.4	69.4	69.3	69.1	68.9	69.2	66.5	66.8	64.8	67.7	29.6	30.2
4	00:00:20	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.5	66.8	64.8	67.7	29.5	31.4
5	00:00:25	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.5	66.8	64.7	67.7	29.4	33.5
6	00:00:30	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.4	66.7	64.6	67.6	29.4	34.8
7	00:00:35	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.4	66.7	64.6	67.6	29.4	37.2
8	00:00:40	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.4	66.7	64.6	67.6	29.3	35.9
9	00:00:45	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.5	66.8	64.7	67.6	29.4	37.5
10	00:00:50	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.5	66.8	64.7	67.6	29.4	37.2
11	00:00:55	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.5	66.8	64.7	67.7	29.3	38.2
12	00:01:00	69.2	69.3	69.4	69.4	69.2	69.1	68.9	69.1	66.5	66.8	64.7	67.6	29.3	39
13	00:01:05	69.1	69.3	69.4	69.4	69.2	69.1	69	69.1	66.5	66.8	64.7	67.6	29.4	40.2
14	00:01:10	69.1	69.3	69.3	69.4	69.2	69	69	69	66.5	66.8	64.7	67.7	29.5	42.8
15	00:01:15	69.1	69.3	69.3	69.4	69.2	69	69	69	66.5	66.8	64.7	67.7	29.6	40.1
16	00:01:20	69.1	69.3	69.3	69.4	69.2	69	69	69	66.5	66.8	64.7	67.6	29.6	39.8
17	00:01:25	69	69.2	69.3	69.3	69.1	69	68.9	69	66.5	66.7	64.7	67.6	29.5	40.6
18	00:01:30	69	69.2	69.3	69.3	69.1	69	68.9	69	66.5	66.7	64.7	67.6	29.5	43
19	00:01:35	69	69.2	69.3	69.3	69.1	69	68.9	68.9	66.5	66.7	64.7	67.6	29.4	42.7
20	00:01:40	69	69.2	69.3	69.4	69.1	69	69	69	66.5	66.7	64.7	67.6	29.4	44.9
21	00:01:45	69	69.2	69.3	69.4	69.1	69	69	68.9	66.6	66.7	64.7	67.6	29.4	46.3
22	00:01:50	69	69.2	69.3	69.4	69.1	69	69	68.9	66.5	66.7	64.7	67.6	29.3	44.5
23	00:01:55	69	69.2	69.3	69.3	69.1	68.9	69	68.9	66.5	66.7	64.6	67.6	29.2	45.8
2982	04:08:30	29.8	30	29.9	30.1	29.8	30	30	29.9	28.5	28.5	28.9	29.2	30.1	34.9
2983	04:08:35	29.8	29.9	29.9	30.1	29.9	30	30	29.9	28.5	28.5	28.9	29.2	30.1	35
2984	04:08:40	29.9	30.1	30.1	30.2	30	30	30	30	28.5	28.5	28.9	29.2	30.1	35
2985	04:08:45	29.9	30.1	30.1	30.2	30.1	30	30	30	28.5	28.5	28.9	29.2	30.1	34.9
2986	04:08:50	29.8	29.9	30	30.1	29.9	30	30	29.9	28.5	28.5	28.9	29.2	30.1	35
2987	04:08:55	29.8	29.9	29.9	30.1	29.9	30	30	29.9	28.5	28.5	28.9	29.2	30.1	34.9
2988	04:09:00	29.8	29.9	29.9	30.1	29.8	30	30	30	28.5	28.5	28.9	29.2	30.1	34.9
2989	04:09:05	29.8	29.9	29.9	30.1	29.9	30	30	29.9	28.5	28.5	28.9	29.2	30.1	34.9
2990	04:09:10	29.9	30	30.1	30.1	29.9	30	30	30	28.5	28.5	28.9	29.2	30.1	35
2991	04:09:15	29.9	30	30.1	30.1	29.8	29.9	30	29.9	28.5	28.5	28.9	29.2	30.2	35
2992	04:09:20	29.9	30	30	30.1	29.9	29.9	30	30	28.5	28.5	28.9	29.2	30.2	34.9
2993	04:09:25	29.8	29.9	30	30.1	29.8	29.8	30	29.9	28.5	28.5	28.9	29.2	30.2	34.9
2994	04:09:30	29.9	30	30.1	30.1	29.9	29.9	30	30	28.5	28.5	28.9	29.2	30.2	34.9
2995	04:09:35	29.8	30	30.1	30.1	29.9	29.8	30	29.9	28.5	28.5	28.9	29.2	30.2	34.9
2996	04:09:40	29.8	30	30	30.1	29.9	29.9	30	29.9	28.5	28.5	28.9	29.2	30.2	34.9
2997	04:09:45	29.9	30	30	30.1	29.8	29.9	30	29.9	28.5	28.5	28.9	29.2	30.2	35
2998	04:09:50	29.9	30	30.1	30.1	29.9	29.9	30	30	28.5	28.5	28.9	29.2	30.2	34.8
2999	04:09:55	29.8	30	30.1	30.1	29.9	29.9	30	30	28.5	28.5	28.9	29.2	30.2	34.8

Lampiran 1. 5 Data 2 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
0	00:00:00	60.5	57.9	59.2	59.4	59.8	59.7	56.5	58.9	59.2	60.6	60.9	61.1	58.5	59.7	59.9	60.5
1	00:00:05	60.3	57.9	59.2	59.4	59.8	59.7	56.5	58.9	59.2	60.6	60.9	61.1	58.5	59.5	59.9	60.6
2	00:00:10	60.5	58.4	59.7	60	60.3	60.2	57	59.3	59.2	60.6	60.9	61.1	58.5	59.5	59.9	60.4
3	00:00:15	60.3	58.4	59.6	59.9	60.2	60.2	57	59.3	59.2	60.6	61	61.1	58.5	59.2	59.7	60.3
4	00:00:20	60.2	58.4	59.6	59.9	60.2	60.2	57	59.3	59.2	60.5	61	61	58.5	59.3	59.6	60.4
5	00:00:25	60	58.4	59.6	59.9	60.2	60.2	57	59.2	59.2	60.5	61	61.1	58.5	59.3	59.7	60.4
6	00:00:30	59.8	58.4	59.6	59.9	60.2	60.2	57.1	59.2	59.1	60.5	60.9	61	58.5	59.3	59.7	60.4
7	00:00:35	59.7	58.4	59.6	59.9	60.2	60.2	57.1	59.2	59.2	60.5	60.9	61	58.5	59.2	59.7	60.4
8	00:00:40	59.5	58.4	59.6	59.9	60.2	60.2	57.1	59.2	59.2	60.5	60.9	61	58.5	59.2	59.7	60.4
9	00:00:45	59.4	58.4	59.6	59.9	60.2	60.2	57.1	59.2	59.2	60.6	61	61	58.5	59.3	59.8	60.5
10	00:00:50	59.2	58.3	59.5	59.9	60.1	60.2	57	59.1	59.2	60.5	61	61	58.5	59.2	59.8	60.4
11	00:00:55	59	58.3	59.5	59.8	60.1	60.2	57	59.1	59.2	60.5	61	61	58.5	59.1	59.8	60.4
12	00:01:00	59	58.4	59.5	59.9	60.1	60.2	57.1	59.2	59.2	60.5	61	61	58.5	59	59.7	60.4
13	00:01:05	58.9	58.4	59.5	59.9	60.1	60.3	57.1	59.1	59.2	60.5	61	61	58.6	59	59.7	60.3
14	00:01:10	58.8	58.4	59.5	59.9	60.1	60.2	57.1	59.1	59.2	60.4	60.9	60.9	58.5	58.9	59.6	60.2
15	00:01:15	58.7	58.4	59.5	59.9	60.1	60.2	57.1	59.1	59.2	60.4	60.9	60.9	58.5	58.8	59.6	60.2
16	00:01:20	58.6	58.4	59.5	59.9	60.1	60.3	57.1	59.1	59.2	60.4	60.9	60.9	58.5	58.6	59.5	60.2
17	00:01:25	58.5	58.4	59.5	59.9	60.1	60.3	57.1	59.1	59.3	60.5	61	60.9	58.6	58.6	59.6	60.3
18	00:01:30	58.4	58.4	59.4	59.9	60.1	60.3	57.1	59	59.3	60.5	61	60.9	58.6	58.1	59.5	60.3
19	00:01:35	58.3	58.4	59.4	59.9	60.1	60.3	57.1	59	59.3	60.4	61	61	58.6	57.3	59.5	60.3
20	00:01:40	58.2	58.4	59.4	59.9	60.1	60.3	57.2	59	59.3	60.4	61	60.9	58.6	56.8	59.3	60.2
21	00:01:45	58.2	58.4	59.4	59.9	60.1	60.3	57.2	59	59.3	60.4	61	60.9	58.6	57	59.2	60.2
22	00:01:50	58.1	58.4	59.4	59.9	60.1	60.3	57.2	59	59.3	60.4	61	60.9	58.6	55.9	59.2	60.2
23	00:01:55	58	58.4	59.3	59.9	60.1	60.3	57.2	58.9	59.3	60.4	60.9	60.9	58.6	56	59.1	60.2
1836	02:33:00	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1837	02:33:05	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1838	02:33:10	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1839	02:33:15	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1840	02:33:20	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.3	28.2	28.2	28.2	28.2	28.2	28.2	28.4
1841	02:33:25	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.3	28.2	28.2	28.2	28.2	28.2	28.2	28.4
1842	02:33:30	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.3	28.2	28.2	28.2	28.2	28.2	28.2	28.4
1843	02:33:35	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1844	02:33:40	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.3	28.3	28.4
1845	02:33:45	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1846	02:33:50	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.3	28.2	28.2	28.1	28.2	28.2	28.2	28.4
1847	02:33:55	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.3	28.2	28.2	28.1	28.2	28.2	28.2	28.4
1848	02:34:00	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.3	28.1	28.2	28.1	28.2	28.2	28.2	28.4
1849	02:34:05	28.4	28.3	28.3	28.3	28.3	28.5	28.4	28.5	28.3	28.2	28.2	28.2	28.2	28.2	28.2	28.4
1850	02:34:10	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.3	28.2	28.2	28.2	28.2	28.2	28.2	28.4
1851	02:34:15	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.6	28.4	28.2	28.2	28.2	28.3	28.3	28.3	28.4
1852	02:34:20	28.4	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.4
1853	02:34:25	28.5	28.3	28.3	28.3	28.3	28.4	28.4	28.5	28.4	28.2	28.2	28.2	28.3	28.2	28.3	28.5

Lampiran 1. 6 Data 2 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
0	00:00:00	60.4	60.7	60.9	61	60.4	60.2	58.1	60.2	56.7	58.6	57.3	59.6	27.1	43.6
1	00:00:05	60.3	60.7	60.9	61	60.3	60.2	58.1	60.2	56.7	58.6	57.3	59.6	27.1	40.5
2	00:00:10	60.8	61	61.3	61.5	60.7	60.7	58.6	60.6	57.2	59.1	57.8	60.1	27.6	47.2
3	00:00:15	60.6	60.9	61.3	61.5	60.7	60.6	58.6	60.6	57.2	59.1	57.8	60.1	27.6	47.2
4	00:00:20	60.6	60.9	61.2	61.5	60.6	60.6	58.6	60.6	57.2	59	57.7	60.1	27.5	41.4
5	00:00:25	60.7	60.9	61.2	61.5	60.7	60.6	58.6	60.6	57.2	59	57.7	60.1	27.4	42.9
6	00:00:30	60.8	61	61.2	61.5	60.7	60.7	58.6	60.6	57.2	59	57.7	60.1	27.4	42.5
7	00:00:35	60.8	61	61.2	61.5	60.7	60.7	58.6	60.6	57.2	59	57.7	60.1	27.5	44.7
8	00:00:40	60.8	61	61.2	61.5	60.8	60.7	58.6	60.6	57.2	59	57.7	60.1	27.5	45.2
9	00:00:45	60.7	61	61.2	61.5	60.8	60.7	58.6	60.6	57.2	59	57.7	60.1	27.6	48.1
10	00:00:50	60.7	61	61.2	61.4	60.7	60.7	58.6	60.6	57.2	59	57.7	60.2	27.7	49.9
11	00:00:55	60.7	60.9	61.1	61.4	60.7	60.7	58.6	60.5	57.2	59	57.7	60.1	27.7	50.8
12	00:01:00	60.7	60.9	61.1	61.4	60.7	60.6	58.6	60.5	57.2	58.9	57.7	60.1	27.8	51
13	00:01:05	60.6	60.9	61.1	61.4	60.7	60.6	58.6	60.5	57.2	58.9	57.6	60.1	27.8	50.8
14	00:01:10	60.6	60.9	61.1	61.3	60.6	60.6	58.6	60.5	57.2	58.9	57.6	60	27.9	51.3
15	00:01:15	60.6	60.9	61.1	61.3	60.6	60.6	58.6	60.5	57.2	58.9	57.7	60	28	51.3
16	00:01:20	60.5	60.9	61	61.3	60.6	60.5	58.6	60.4	57.2	58.9	57.7	60	28.1	51.1
17	00:01:25	60.5	60.8	61	61.3	60.6	60.5	58.6	60.4	57.2	58.8	57.7	60	28.1	51.3
18	00:01:30	60.6	60.9	61.1	61.3	60.6	60.6	58.7	60.4	57.2	58.8	57.6	60	28.2	51
19	00:01:35	60.6	60.9	61.1	61.3	60.6	60.6	58.7	60.4	57.2	58.8	57.6	60	28.2	51.3
20	00:01:40	60.6	60.9	61.1	61.3	60.6	60.6	58.7	60.4	57.2	58.8	57.6	60	28.2	52.1
21	00:01:45	60.6	60.9	61.1	61.3	60.6	60.6	58.7	60.4	57.2	58.8	57.6	60	28.3	51.1
22	00:01:50	60.5	60.9	61.1	61.3	60.6	60.5	58.7	60.3	57.3	58.8	57.7	60	28.4	51.4
23	00:01:55	60.5	60.8	61.1	61.3	60.5	60.5	58.7	60.3	57.3	58.8	57.7	60	28.4	51.7
1836	02:33:00	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.4	27.7	27.7	27.9	34.9
1837	02:33:05	28.5	28.4	28.4	28.5	28.4	28.4	28.4	28.5	27.4	27.4	27.7	27.7	27.9	34.9
1838	02:33:10	28.5	28.4	28.4	28.5	28.4	28.4	28.4	28.5	27.4	27.4	27.7	27.7	27.9	34.9
1839	02:33:15	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.9
1840	02:33:20	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.9
1841	02:33:25	28.5	28.4	28.4	28.5	28.4	28.4	28.4	28.5	27.5	27.5	27.7	27.7	27.9	34.9
1842	02:33:30	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.9
1843	02:33:35	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.8
1844	02:33:40	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.6	27.4	27.5	27.7	27.7	27.9	34.8
1845	02:33:45	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.8
1846	02:33:50	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.8
1847	02:33:55	28.5	28.4	28.4	28.5	28.4	28.4	28.4	28.5	27.5	27.5	27.7	27.7	27.9	34.8
1848	02:34:00	28.5	28.4	28.4	28.5	28.4	28.4	28.4	28.5	27.4	27.5	27.7	27.7	27.9	34.7
1849	02:34:05	28.5	28.4	28.4	28.5	28.4	28.4	28.4	28.5	27.4	27.5	27.7	27.7	27.9	34.8
1850	02:34:10	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.7
1851	02:34:15	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.6	27.4	27.5	27.7	27.7	27.9	34.8
1852	02:34:20	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.6	27.4	27.5	27.7	27.7	27.9	34.8
1853	02:34:25	28.5	28.4	28.4	28.5	28.4	28.4	28.5	28.5	27.4	27.5	27.7	27.7	27.9	34.8

Lampiran 1. 8 Data 2,5 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
0	00:00:00	72.2	71.2	71.4	70.6	70	70	69.3	69.7	67.2	67.9	65.9	69.2	36.2	25.9
1	00:00:05	69.3	69.8	69.6	70.4	69.7	69.7	69.5	69.5	67.4	67.8	66	68.3	27.8	34.8
2	00:00:10	70.1	70.1	70.7	70.4	70.1	70.1	69.9	70	67.5	67.7	66	68.5	27.8	35.9
3	00:00:15	70.3	70.4	70.5	70.6	70.3	70.2	69.9	70	68	68.2	66.4	69.2	28.3	45.3
4	00:00:20	70.3	70.4	70.6	70.7	70.3	70.2	69.9	70	68	68.2	66.5	69.2	28.2	46.4
5	00:00:25	70.1	70.4	70.6	70.8	70.4	70.2	69.9	70.1	68	68.2	66.4	69.3	28.1	53.5
6	00:00:30	70.1	70.4	70.6	70.8	70.3	70.2	69.9	70.1	68	68.3	66.4	69.3	28	56.1
7	00:00:35	70.2	70.4	70.6	70.8	70.3	70	70	69.9	68	68.2	66.4	69.3	28.1	53.8
8	00:00:40	69.9	70.5	70.7	70.8	70.1	70.1	70	69.9	68	68.2	66.5	69.3	28.2	51.6
9	00:00:45	70.2	70.5	70.6	70.8	70.1	70.1	70	69.9	68	68.2	66.5	69.3	28.3	51.9
10	00:00:50	70.2	70.5	70.6	70.8	70.2	70.1	70	69.9	68.1	68.2	66.5	69.3	28.3	56.6
11	00:00:55	70.2	70.3	70.4	70.6	70.1	70	69.9	69.8	68	68.2	66.4	69.3	28.3	52.5
12	00:01:00	70.1	70.4	70.5	70.6	70.1	70	69.9	69.8	68	68.1	66.4	69.3	28.3	53.1
13	00:01:05	70.1	70.3	70.5	70.6	70	70	69.9	69.8	68	68.1	66.4	69.2	28.3	57.8
14	00:01:10	70.1	70.3	70.5	70.6	70	70	70	69.9	68.1	68.1	66.4	69.2	28.3	58.9
15	00:01:15	70	70.3	70.5	70.6	70	70	70	69.9	68.1	68.1	66.4	69.2	28.3	59
16	00:01:20	70	70.3	70.4	70.6	70	70	70	69.8	68.1	68.1	66.4	69.2	28.3	59
17	00:01:25	70	70.3	70.4	70.6	70	70	70	69.8	68.1	68.1	66.4	69.2	28.4	56.5
18	00:01:30	70.1	70.3	70.4	70.6	70	70	70	69.8	68.1	68.1	66.4	69.2	28.5	56.6
19	00:01:35	70.1	70.3	70.4	70.6	70.1	70	70	69.8	68	68.1	66.3	69.1	28.5	56.4
20	00:01:40	70.1	70.3	70.4	70.6	70.1	70	70	69.7	68	68	66.3	69.1	28.5	57.4
21	00:01:45	70.1	70.3	70.4	70.6	70.1	70	70	69.8	68	68	66.3	69.1	28.5	59.2
22	00:01:50	70.1	70.3	70.4	70.6	70	70	70	69.8	68	68	66.3	69	28.6	57.8
23	00:01:55	70	70.3	70.4	70.5	70	69.9	70	69.7	68	68	66.3	69	28.6	59
2038	02:49:50	30.6	30.5	30.5	30.5	30.5	30.4	30.4	30.5	29.3	29.3	29.5	29.5	30.1	35.1
2039	02:49:55	30.6	30.5	30.5	30.5	30.5	30.4	30.4	30.5	29.3	29.4	29.5	29.5	30.2	35.1
2040	02:50:00	30.6	30.5	30.5	30.5	30.5	30.4	30.4	30.5	29.3	29.4	29.5	29.5	30.2	35.1
2041	02:50:05	30.6	30.5	30.5	30.5	30.5	30.4	30.4	30.5	29.3	29.3	29.4	29.4	30.1	35.1
2042	02:50:10	30.6	30.5	30.5	30.5	30.5	30.4	30.4	30.5	29.3	29.3	29.4	29.4	30.1	35.1
2043	02:50:15	30.6	30.5	30.5	30.5	30.5	30.4	30.4	30.5	29.3	29.3	29.4	29.4	30.1	35.1
2044	02:50:20	30.5	30.4	30.4	30.5	30.4	30.4	30.4	30.4	29.3	29.4	29.5	29.5	30.2	35.2
2045	02:50:25	30.5	30.5	30.4	30.5	30.4	30.4	30.4	30.4	29.3	29.4	29.5	29.5	30.2	35.2
2046	02:50:30	30.5	30.5	30.4	30.5	30.4	30.4	30.4	30.4	29.3	29.3	29.5	29.5	30.1	35.1
2047	02:50:35	30.5	30.4	30.4	30.5	30.4	30.4	30.4	30.4	29.3	29.3	29.5	29.5	30.2	35.1
2048	02:50:40	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.3	29.5	29.5	30.2	35.2
2049	02:50:45	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.3	29.5	29.5	30.2	35.2
2050	02:50:50	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.3	29.5	29.5	30.2	35.2
2051	02:50:55	30.5	30.5	30.4	30.5	30.4	30.4	30.4	30.5	29.3	29.4	29.5	29.5	30.2	35.2
2052	02:51:00	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.4	29.5	29.5	30.2	35.1
2053	02:51:05	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.3	29.4	29.4	30.1	35
2054	02:51:10	30.5	30.5	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.3	29.4	29.4	30.1	35
2055	02:51:15	30.5	30.4	30.5	30.5	30.4	30.4	30.4	30.5	29.3	29.3	29.4	29.4	30.1	35

Lampiran 1. 9 Data Kalibrasi 1 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
1	00:00:00	68.21	66.31	67.34	66.44	66.82	66.71	65.74	65.89	65.80	66.40	66.32	67.16	65.21	64.97	65.42	66.33
2	00:00:05	65.81	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.18	66.21	66.72	66.57	66.28	65.16	65.72	66.23
3	00:00:10	65.81	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.28	66.21	66.72	66.67	66.28	65.16	65.72	66.33
4	00:00:15	65.81	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.28	66.21	66.72	66.67	66.28	65.16	65.72	66.33
5	00:00:20	65.81	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.28	66.21	66.72	66.57	66.28	65.16	65.62	66.33
6	00:00:25	65.81	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.28	66.21	66.72	66.67	66.28	65.16	65.62	66.33
7	00:00:30	65.71	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.18	66.21	66.72	66.67	66.28	65.16	65.62	66.33
8	00:00:35	65.71	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.18	66.21	66.72	66.67	66.28	65.16	65.72	66.33
9	00:00:40	65.71	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.18	66.21	66.72	66.67	66.28	65.07	65.62	66.23
10	00:00:45	65.71	66.41	66.04	66.64	66.62	67.21	66.14	65.89	66.18	66.21	66.72	66.57	66.28	65.07	65.62	66.23
11	00:00:50	65.71	66.41	66.04	66.64	66.62	67.21	66.14	65.79	66.18	66.21	66.72	66.57	66.28	65.07	65.52	66.23
12	00:00:55	65.61	66.41	66.04	66.54	66.62	67.21	66.14	65.79	66.18	66.21	66.72	66.57	66.28	65.07	65.52	66.23
13	00:01:00	65.61	66.41	66.04	66.54	66.52	67.21	66.14	65.79	66.18	66.21	66.72	66.57	66.28	64.97	65.52	66.23
14	00:01:05	65.61	66.41	66.04	66.54	66.52	67.11	66.14	65.79	66.18	66.11	66.72	66.57	66.28	64.97	65.52	66.23
15	00:01:10	65.61	66.41	66.04	66.54	66.52	67.11	66.14	65.79	66.18	66.21	66.72	66.57	66.28	64.97	65.52	66.23
16	00:01:15	65.61	66.31	66.04	66.54	66.52	67.11	66.14	65.79	66.18	66.21	66.72	66.57	66.28	64.97	65.52	66.23
2053	04:35:15	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.52	24.36	24.58	24.55	24.74	25.40	24.60	24.78
2053	04:35:20	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.78
2053	04:35:25	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.78
2053	04:35:30	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.52	24.36	24.58	24.55	24.74	25.40	24.60	24.78
2053	04:35:35	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.52	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:35:40	24.39	24.46	24.45	25.42	24.76	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:35:45	24.39	24.46	24.45	25.42	24.76	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:35:50	24.39	24.46	24.45	25.42	24.76	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.78
2053	04:35:55	24.39	24.46	24.45	25.42	24.76	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.78
2053	04:36:00	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.52	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:36:05	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:36:10	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:36:15	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.70	24.88
2053	04:36:20	24.39	24.46	24.45	25.42	24.66	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.88
2053	04:36:25	24.39	24.46	24.45	25.42	24.76	25.13	25.06	26.37	25.43	24.36	24.58	24.55	24.74	25.40	24.60	24.78

Lampiran 1. 10 Data Kalibrasi 1 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
1	00:00:00	66.67	66.77	66.98	66.50	66.00	66.13	65.47	66.07	65.16	65.98	63.93	67.68	34.14	30.58
2	00:00:05	65.70	66.08	66.03	66.22	65.80	65.93	65.84	65.97	66.06	66.28	64.33	67.58	26.93	54.85
3	00:00:10	66.19	66.57	66.51	66.70	66.29	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	56.67
4	00:00:15	66.19	66.57	66.51	66.70	66.38	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	58.10
5	00:00:20	66.19	66.57	66.51	66.70	66.38	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	59.15
6	00:00:25	66.19	66.57	66.51	66.70	66.38	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	59.63
7	00:00:30	66.09	66.57	66.51	66.70	66.38	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	60.39
8	00:00:35	66.19	66.57	66.51	66.70	66.38	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	60.49
9	00:00:40	66.19	66.47	66.41	66.70	66.29	66.42	66.31	66.45	66.06	66.18	64.33	67.58	26.83	60.11
10	00:00:45	66.19	66.47	66.41	66.70	66.29	66.42	66.31	66.45	66.06	66.18	64.33	67.48	26.83	60.39
11	00:00:50	66.09	66.47	66.41	66.70	66.29	66.42	66.31	66.36	66.16	66.18	64.33	67.58	26.83	60.59
12	00:00:55	66.09	66.47	66.41	66.70	66.29	66.42	66.31	66.36	66.16	66.18	64.33	67.48	26.83	61.25
13	00:01:00	66.09	66.47	66.41	66.70	66.29	66.42	66.31	66.36	66.16	66.18	64.33	67.48	26.83	61.16
14	00:01:05	66.09	66.47	66.41	66.70	66.29	66.32	66.31	66.36	66.16	66.18	64.33	67.48	26.83	61.35
15	00:01:10	66.09	66.47	66.41	66.70	66.29	66.42	66.31	66.36	66.06	66.18	64.33	67.48	26.83	60.87
16	00:01:15	66.09	66.47	66.41	66.70	66.29	66.32	66.31	66.36	66.06	66.18	64.33	67.48	26.83	60.20
2053	04:35:15	25.11	24.97	26.03	25.87	25.25	24.85	26.58	25.64	24.69	24.72	24.72	25.82	25.43	34.40
2053	04:35:20	25.11	24.97	26.03	25.87	25.25	24.85	26.58	25.64	24.69	24.82	24.83	25.82	25.53	34.40
2053	04:35:25	25.11	24.97	26.03	25.87	25.25	24.85	26.58	25.64	24.69	24.82	24.83	25.82	25.53	34.40
2053	04:35:30	25.11	24.97	26.03	25.87	25.25	24.85	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.30
2053	04:35:35	25.11	24.97	25.94	25.87	25.25	24.85	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.40
2053	04:35:40	25.11	24.97	25.94	25.87	25.25	24.85	26.58	25.64	24.59	24.72	24.72	25.72	25.43	34.30
2053	04:35:45	25.11	24.97	25.94	25.87	25.25	24.85	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.30
2053	04:35:50	25.11	24.97	25.94	25.87	25.25	24.85	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.40
2053	04:35:55	25.21	25.07	25.94	25.96	25.34	24.94	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.40
2053	04:36:00	25.21	25.07	25.94	25.96	25.34	24.94	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.30
2053	04:36:05	25.21	25.07	25.94	25.96	25.34	24.94	26.58	25.64	24.69	24.72	24.72	25.72	25.43	34.40
2053	04:36:10	25.21	25.07	25.94	25.96	25.34	24.94	26.58	25.73	24.69	24.72	24.72	25.72	25.43	34.30
2053	04:36:15	25.21	25.07	25.94	25.96	25.25	24.94	26.58	25.73	24.69	24.72	24.72	25.72	25.53	34.40
2053	04:36:20	25.21	25.07	25.94	25.96	25.25	24.94	26.58	25.73	24.59	24.72	24.72	25.72	25.53	34.21
2053	04:36:25	25.21	25.07	25.94	25.96	25.25	24.94	26.58	25.73	24.69	24.82	24.83	25.82	25.53	34.40

Lampiran 1. 11 Data Kalibrasi 1,5 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
1	00:00:00	65.21	64.91	64.73	65.07	65.03	65.31	64.95	64.83	64.65	64.73	64.85	64.90	64.72	64.59	64.83	65.15
2	00:00:05	65.71	65.41	65.24	65.56	65.43	65.71	65.44	65.31	65.13	65.22	65.34	65.39	65.21	65.07	65.33	65.64
3	00:00:10	65.61	65.41	65.34	65.56	65.53	65.81	65.44	65.31	65.13	65.22	65.34	65.39	65.21	64.97	65.33	65.64
4	00:00:15	65.61	65.41	65.34	65.56	65.53	65.71	65.44	65.31	65.13	65.22	65.34	65.39	65.21	64.97	65.23	65.64
5	00:00:20	65.61	65.41	65.34	65.56	65.53	65.71	65.44	65.31	65.04	65.22	65.34	65.39	65.21	64.87	65.13	65.64
6	00:00:25	65.61	65.41	65.34	65.56	65.53	65.71	65.44	65.31	65.13	65.32	65.34	65.39	65.21	64.78	65.03	65.54
7	00:00:30	65.51	65.41	65.24	65.56	65.53	65.71	65.44	65.31	65.13	65.22	65.34	65.39	65.21	64.78	65.03	65.45
8	00:00:35	65.51	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.21	64.78	65.03	65.45
9	00:00:40	65.51	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.21	64.78	65.13	65.45
10	00:00:45	65.41	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.21	64.87	65.03	65.45
11	00:00:50	65.41	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.21	64.87	65.13	65.45
12	00:00:55	65.41	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.21	64.87	65.13	65.45
13	00:01:00	65.31	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.30	64.87	65.13	65.45
14	00:01:05	65.31	65.41	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.32	65.34	65.39	65.30	64.87	65.13	65.45
15	00:01:10	65.21	65.31	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.32	65.34	65.39	65.30	64.87	65.13	65.45
16	00:01:15	65.21	65.31	65.24	65.56	65.53	65.71	65.44	65.21	65.04	65.22	65.34	65.39	65.30	64.87	65.03	65.35
2053	04:08:45	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:08:50	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.14
2053	04:08:55	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:00	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:05	26.89	26.86	26.86	27.77	26.96	27.42	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:10	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.59	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:15	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.59	27.62	26.62	26.94	26.91	27.09	27.61	26.96	27.04
2053	04:09:20	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.59	27.72	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:25	26.89	26.96	26.86	27.77	27.06	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:30	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.59	27.62	26.62	26.94	26.91	27.09	27.61	26.86	27.04
2053	04:09:35	26.89	26.86	26.86	27.77	26.96	27.52	27.35	28.59	27.62	26.62	26.94	26.91	27.09	27.61	26.96	26.94
2053	04:09:40	26.89	26.86	26.86	27.77	27.06	27.52	27.35	28.59	27.62	26.62	26.94	26.91	27.09	27.61	26.96	27.04
2053	04:09:45	26.89	26.86	26.86	27.77	27.06	27.52	27.35	28.59	27.62	26.62	26.94	26.91	27.09	27.61	26.96	27.04
2053	04:09:50	26.89	26.86	26.86	27.77	27.06	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.96	27.04
2053	04:09:55	26.89	26.86	26.86	27.77	27.06	27.52	27.35	28.50	27.62	26.62	26.94	26.91	27.09	27.61	26.96	27.04

Lampiran 1. 12 Data Kalibrasi 1,5 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
1	00:00:00	65.51	65.69	65.46	65.65	65.61	65.64	65.28	65.78	64.86	65.18	63.03	65.72	27.73	29.2
2	00:00:05	65.51	65.69	65.56	65.65	65.70	65.64	65.28	65.68	64.86	65.18	63.03	65.82	27.53	29.5
3	00:00:10	65.51	65.69	65.56	65.65	65.70	65.64	65.28	65.68	64.86	65.18	63.03	65.82	27.53	30.1
4	00:00:15	65.51	65.69	65.56	65.65	65.70	65.64	65.28	65.78	64.96	65.18	63.03	65.82	27.53	30.2
5	00:00:20	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.96	65.18	63.03	65.82	27.43	31.4
6	00:00:25	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.96	65.18	62.93	65.82	27.33	33.5
7	00:00:30	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.86	65.08	62.83	65.72	27.33	34.8
8	00:00:35	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.86	65.08	62.83	65.72	27.33	37.2
9	00:00:40	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.86	65.08	62.83	65.72	27.23	35.9
10	00:00:45	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.96	65.18	62.93	65.72	27.33	37.5
11	00:00:50	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.96	65.18	62.93	65.72	27.33	37.2
12	00:00:55	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.96	65.18	62.93	65.82	27.23	38.2
13	00:01:00	65.51	65.69	65.56	65.65	65.61	65.64	65.28	65.68	64.96	65.18	62.93	65.72	27.23	39
14	00:01:05	65.41	65.69	65.56	65.65	65.61	65.64	65.37	65.68	64.96	65.18	62.93	65.72	27.33	40.2
15	00:01:10	65.41	65.69	65.46	65.65	65.61	65.54	65.37	65.58	64.96	65.18	62.93	65.82	27.43	42.8
16	00:01:15	65.41	65.69	65.46	65.65	65.61	65.54	65.37	65.58	64.96	65.18	62.93	65.82	27.53	40.1
2053	04:08:45	27.44	27.41	28.31	28.25	27.67	27.20	28.74	27.86	26.89	26.91	27.03	28.07	28.03	34.9
2053	04:08:50	27.34	27.22	28.21	28.16	27.48	27.20	28.74	27.77	26.89	26.91	27.03	28.07	28.03	35
2053	04:08:55	27.34	27.22	28.12	28.16	27.48	27.20	28.74	27.77	26.89	26.91	27.03	28.07	28.03	34.9
2053	04:09:00	27.34	27.22	28.12	28.16	27.38	27.20	28.74	27.86	26.89	26.91	27.03	28.07	28.03	34.9
2053	04:09:05	27.34	27.22	28.12	28.16	27.48	27.20	28.74	27.77	26.89	26.91	27.03	28.07	28.03	34.9
2053	04:09:10	27.44	27.32	28.31	28.16	27.48	27.20	28.74	27.86	26.89	26.91	27.03	28.07	28.03	35
2053	04:09:15	27.44	27.32	28.31	28.16	27.38	27.11	28.74	27.77	26.89	26.91	27.03	28.07	28.13	35
2053	04:09:20	27.44	27.32	28.21	28.16	27.48	27.11	28.74	27.86	26.89	26.91	27.03	28.07	28.13	34.9
2053	04:09:25	27.34	27.22	28.21	28.16	27.38	27.01	28.74	27.77	26.89	26.91	27.03	28.07	28.13	34.9
2053	04:09:30	27.44	27.32	28.31	28.16	27.48	27.11	28.74	27.86	26.89	26.91	27.03	28.07	28.13	34.9
2053	04:09:35	27.34	27.32	28.31	28.16	27.48	27.01	28.74	27.77	26.89	26.91	27.03	28.07	28.13	34.9
2053	04:09:40	27.34	27.32	28.21	28.16	27.48	27.11	28.74	27.77	26.89	26.91	27.03	28.07	28.13	34.9
2053	04:09:45	27.44	27.32	28.21	28.16	27.38	27.11	28.74	27.77	26.89	26.91	27.03	28.07	28.13	35
2053	04:09:50	27.44	27.32	28.31	28.16	27.48	27.11	28.74	27.86	26.89	26.91	27.03	28.07	28.13	34.8
2053	04:09:55	27.34	27.32	28.31	28.16	27.48	27.11	28.74	27.86	26.89	26.91	27.03	28.07	28.13	34.8

Lampiran 1. 13 Data Kalibrasi 2 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
1	00:00:00	57.40	55.00	56.32	56.75	57.03	57.04	53.91	56.52	55.68	57.05	57.38	57.62	55.11	56.42	56.57	57.17
2	00:00:05	57.20	55.00	56.32	56.75	57.03	57.04	53.91	56.52	55.68	57.05	57.38	57.62	55.11	56.23	56.57	57.27
3	00:00:10	57.40	55.50	56.82	57.34	57.53	57.53	54.40	56.90	55.68	57.05	57.38	57.62	55.11	56.23	56.57	57.08
4	00:00:15	57.20	55.50	56.72	57.24	57.43	57.53	54.40	56.90	55.68	57.05	57.48	57.62	55.11	55.94	56.37	56.98
5	00:00:20	57.10	55.50	56.72	57.24	57.43	57.53	54.40	56.90	55.68	56.95	57.48	57.52	55.11	56.04	56.28	57.08
6	00:00:25	56.90	55.50	56.72	57.24	57.43	57.53	54.40	56.81	55.68	56.95	57.48	57.62	55.11	56.04	56.37	57.08
7	00:00:30	56.70	55.50	56.72	57.24	57.43	57.53	54.50	56.81	55.59	56.95	57.38	57.52	55.11	56.04	56.37	57.08
8	00:00:35	56.60	55.50	56.72	57.24	57.43	57.53	54.50	56.81	55.68	56.95	57.38	57.52	55.11	55.94	56.37	57.08
9	00:00:40	56.40	55.50	56.72	57.24	57.43	57.53	54.50	56.81	55.68	56.95	57.38	57.52	55.11	55.94	56.37	57.08
10	00:00:45	56.30	55.50	56.72	57.24	57.43	57.53	54.50	56.81	55.68	57.05	57.48	57.52	55.11	56.04	56.47	57.17
11	00:00:50	56.10	55.40	56.62	57.24	57.33	57.53	54.40	56.71	55.68	56.95	57.48	57.52	55.11	55.94	56.47	57.08
12	00:00:55	55.90	55.40	56.62	57.14	57.33	57.53	54.40	56.71	55.68	56.95	57.48	57.52	55.11	55.85	56.47	57.08
13	00:01:00	55.90	55.50	56.62	57.24	57.33	57.53	54.50	56.81	55.68	56.95	57.48	57.52	55.11	55.75	56.37	57.08
14	00:01:05	55.80	55.50	56.62	57.24	57.33	57.63	54.50	56.71	55.68	56.95	57.48	57.52	55.21	55.75	56.37	56.98
15	00:01:10	55.70	55.50	56.62	57.24	57.33	57.53	54.50	56.71	55.68	56.85	57.38	57.42	55.11	55.65	56.28	56.88
16	00:01:15	55.60	55.50	56.62	57.24	57.33	57.53	54.50	56.71	55.68	56.85	57.38	57.42	55.11	55.56	56.28	56.88
1839	02:33:15	25.29	25.36	25.36	26.30	25.56	25.92	25.96	27.14	26.29	25.14	25.27	25.24	25.52	26.17	25.49	25.57
1840	02:33:20	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.19	25.14	25.27	25.24	25.42	26.17	25.39	25.57
1841	02:33:25	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.19	25.14	25.27	25.24	25.42	26.17	25.39	25.57
1842	02:33:30	25.29	25.36	25.36	26.30	25.56	25.92	25.96	27.14	26.19	25.14	25.27	25.24	25.42	26.17	25.39	25.57
1843	02:33:35	25.29	25.36	25.36	26.30	25.56	25.92	25.96	27.14	26.29	25.14	25.27	25.24	25.52	26.17	25.49	25.57
1844	02:33:40	25.29	25.36	25.36	26.30	25.56	25.92	25.96	27.14	26.29	25.14	25.27	25.24	25.52	26.26	25.49	25.57
1845	02:33:45	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.29	25.14	25.27	25.24	25.52	26.17	25.49	25.57
1846	02:33:50	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.19	25.14	25.27	25.14	25.42	26.17	25.39	25.57
1847	02:33:55	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.19	25.14	25.27	25.14	25.42	26.17	25.39	25.57
1848	02:34:00	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.19	25.05	25.27	25.14	25.42	26.17	25.39	25.57
1849	02:34:05	25.29	25.36	25.36	26.30	25.56	25.92	25.96	27.14	26.19	25.14	25.27	25.24	25.42	26.17	25.39	25.57
1850	02:34:10	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.19	25.14	25.27	25.24	25.42	26.17	25.39	25.57
1851	02:34:15	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.24	26.29	25.14	25.27	25.24	25.52	26.26	25.49	25.57
1852	02:34:20	25.29	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.29	25.14	25.27	25.24	25.52	26.17	25.49	25.57
1853	02:34:25	25.39	25.36	25.36	26.30	25.56	25.82	25.96	27.14	26.29	25.14	25.27	25.24	25.52	26.17	25.49	25.66

Lampiran 1. 14 Data Kalibrasi 2 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
1	00:00:00	56.98	57.30	57.50	57.63	57.07	56.89	55.13	57.07	55.14	56.99	55.51	57.88	25.03	42.52
2	00:00:05	56.89	57.30	57.50	57.63	56.97	56.89	55.13	57.07	55.14	56.99	55.51	57.88	25.03	39.56
3	00:00:10	57.37	57.59	57.88	58.11	57.36	57.38	55.60	57.46	55.64	57.49	56.01	58.37	25.53	45.96
4	00:00:15	57.18	57.49	57.88	58.11	57.36	57.28	55.60	57.46	55.64	57.49	56.01	58.37	25.53	45.96
5	00:00:20	57.18	57.49	57.79	58.11	57.26	57.28	55.60	57.46	55.64	57.39	55.91	58.37	25.43	40.42
6	00:00:25	57.27	57.49	57.79	58.11	57.36	57.28	55.60	57.46	55.64	57.39	55.91	58.37	25.33	41.85
7	00:00:30	57.37	57.59	57.79	58.11	57.36	57.38	55.60	57.46	55.64	57.39	55.91	58.37	25.33	41.47
8	00:00:35	57.37	57.59	57.79	58.11	57.36	57.38	55.60	57.46	55.64	57.39	55.91	58.37	25.43	43.57
9	00:00:40	57.37	57.59	57.79	58.11	57.46	57.38	55.60	57.46	55.64	57.39	55.91	58.37	25.43	44.05
10	00:00:45	57.27	57.59	57.79	58.11	57.46	57.38	55.60	57.46	55.64	57.39	55.91	58.37	25.53	46.82
11	00:00:50	57.27	57.59	57.79	58.01	57.36	57.38	55.60	57.46	55.64	57.39	55.91	58.46	25.63	48.54
12	00:00:55	57.27	57.49	57.69	58.01	57.36	57.38	55.60	57.36	55.64	57.39	55.91	58.37	25.63	49.40
13	00:01:00	57.27	57.49	57.69	58.01	57.36	57.28	55.60	57.36	55.64	57.29	55.91	58.37	25.73	49.59
14	00:01:05	57.18	57.49	57.69	58.01	57.36	57.28	55.60	57.36	55.64	57.29	55.81	58.37	25.73	49.40
15	00:01:10	57.18	57.49	57.69	57.92	57.26	57.28	55.60	57.36	55.64	57.29	55.81	58.27	25.83	49.88
16	00:01:15	57.18	57.49	57.69	57.92	57.26	57.28	55.60	57.36	55.64	57.29	55.91	58.27	25.93	49.88
1839	02:33:15	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.21
1840	02:33:20	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.21
1841	02:33:25	26.08	25.75	26.70	26.63	26.02	25.63	27.23	26.41	25.89	25.92	25.83	26.60	25.83	34.21
1842	02:33:30	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.21
1843	02:33:35	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.11
1844	02:33:40	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.51	25.79	25.92	25.83	26.60	25.83	34.11
1845	02:33:45	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.11
1846	02:33:50	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.11
1847	02:33:55	26.08	25.75	26.70	26.63	26.02	25.63	27.23	26.41	25.89	25.92	25.83	26.60	25.83	34.11
1848	02:34:00	26.08	25.75	26.70	26.63	26.02	25.63	27.23	26.41	25.79	25.92	25.83	26.60	25.83	34.02
1849	02:34:05	26.08	25.75	26.70	26.63	26.02	25.63	27.23	26.41	25.79	25.92	25.83	26.60	25.83	34.11
1850	02:34:10	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.02
1851	02:34:15	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.51	25.79	25.92	25.83	26.60	25.83	34.11
1852	02:34:20	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.51	25.79	25.92	25.83	26.60	25.83	34.11
1853	02:34:25	26.08	25.75	26.70	26.63	26.02	25.63	27.33	26.41	25.79	25.92	25.83	26.60	25.83	34.11

Lampiran 1. 15 Data Kalibrasi 2,5 LPM

NO.	Waktu	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
1	00:00:00	69.11	66.61	67.84	66.74	67.12	67.01	65.74	65.99	65.99	66.60	66.62	67.55	65.30	65.07	65.92	67.32
2	00:00:05	66.81	66.61	64.94	66.64	65.53	67.01	65.84	65.31	66.56	66.01	67.01	65.98	66.09	65.45	65.82	66.33
3	00:00:10	67.01	67.11	65.84	67.13	66.52	67.51	66.44	65.99	66.56	66.11	67.01	66.18	66.09	65.64	66.01	66.53
4	00:00:15	66.81	67.11	66.14	67.13	66.62	67.61	66.44	66.18	66.56	66.21	66.91	66.37	66.09	65.64	66.11	66.73
5	00:00:20	66.51	67.11	66.24	67.13	66.72	67.51	66.44	66.18	66.47	66.21	66.91	66.47	66.09	65.64	66.11	66.43
6	00:00:25	66.31	67.11	66.24	67.13	66.72	67.51	66.34	66.08	66.47	66.21	66.91	66.57	66.09	64.59	65.82	66.53
7	00:00:30	66.11	67.01	66.24	67.13	66.82	67.51	66.34	66.08	66.47	66.21	66.91	66.67	66.09	64.78	65.52	66.53
8	00:00:35	65.91	67.01	66.24	67.13	66.82	67.51	66.34	66.08	66.47	66.30	66.81	66.67	66.09	64.78	65.72	66.53
9	00:00:40	65.61	66.91	66.24	67.13	66.82	67.51	66.34	65.99	66.47	66.30	66.81	66.67	66.19	64.97	65.62	66.33
10	00:00:45	65.31	66.81	66.14	67.03	66.82	67.51	66.24	65.79	66.37	66.21	66.81	66.67	66.19	64.97	65.62	66.14
11	00:00:50	65.11	66.81	66.14	67.03	66.82	67.41	66.24	65.79	66.37	66.21	66.81	66.67	66.19	65.26	65.62	66.33
12	00:00:55	64.91	66.81	66.14	66.93	66.82	67.41	66.24	65.79	66.37	66.21	66.81	66.67	66.19	65.26	65.72	66.43
13	00:01:00	64.71	66.71	66.14	66.93	66.82	67.41	66.24	65.79	66.37	66.21	66.81	66.67	66.19	65.07	65.62	66.43
14	00:01:05	64.41	66.71	66.14	66.93	66.82	67.41	66.24	65.79	66.28	66.21	66.81	66.67	66.19	64.78	65.62	66.33
15	00:01:10	64.21	66.71	66.14	66.93	66.82	67.41	66.24	65.79	66.37	66.21	66.81	66.67	66.19	64.78	65.72	66.23
16	00:01:15	64.01	66.61	66.14	66.93	66.82	67.41	66.24	65.79	66.28	66.21	66.81	66.67	66.19	63.91	65.72	66.23
1729	02:24:05	27.49	27.46	27.36	28.36	27.56	27.92	27.95	28.98	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1730	02:24:10	27.39	27.46	27.36	28.36	27.56	27.92	27.95	28.98	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1731	02:24:15	27.39	27.46	27.36	28.36	27.56	28.02	27.95	28.98	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1732	02:24:20	27.39	27.46	27.36	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1733	02:24:25	27.39	27.46	27.36	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1734	02:24:30	27.39	27.46	27.36	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1735	02:24:35	27.39	27.46	27.46	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1736	02:24:40	27.39	27.46	27.46	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.09	27.45	27.54
1737	02:24:45	27.39	27.46	27.46	28.36	27.56	27.92	27.95	28.98	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1738	02:24:50	27.39	27.46	27.36	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.48	28.09	27.45	27.54
1739	02:24:55	27.39	27.46	27.46	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1740	02:25:00	27.39	27.46	27.46	28.36	27.66	27.92	27.95	29.08	28.20	27.11	27.33	27.31	27.58	28.18	27.45	27.54
1741	02:25:05	27.39	27.46	27.46	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.21	27.48	28.18	27.45	27.54
1742	02:25:10	27.39	27.46	27.36	28.36	27.56	27.92	27.95	28.98	28.20	27.11	27.33	27.31	27.48	28.18	27.45	27.54
1743	02:25:15	27.39	27.46	27.46	28.36	27.56	27.92	27.95	29.08	28.20	27.11	27.33	27.21	27.48	28.18	27.45	27.54

Lampiran 1. 16 Data Kalibrasi 2,5 LPM

NO.	Waktu	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH31	CH32
1	00:00:00	68.41	67.55	67.46	66.79	66.38	66.52	65.66	66.26	65.66	66.28	64.13	67.29	34.14	25.61
2	00:00:05	65.61	66.18	65.75	66.60	66.09	66.23	65.84	66.07	65.86	66.18	64.23	66.41	25.73	34.11
3	00:00:10	66.38	66.47	66.79	66.60	66.48	66.62	66.22	66.55	65.96	66.08	64.23	66.60	25.73	35.16
4	00:00:15	66.57	66.77	66.60	66.79	66.68	66.72	66.22	66.55	66.46	66.58	64.63	67.29	26.23	44.15
5	00:00:20	66.57	66.77	66.70	66.89	66.68	66.72	66.22	66.55	66.46	66.58	64.73	67.29	26.13	45.20
6	00:00:25	66.38	66.77	66.70	66.98	66.77	66.72	66.22	66.65	66.46	66.58	64.63	67.39	26.03	51.98
7	00:00:30	66.38	66.77	66.70	66.98	66.68	66.72	66.22	66.65	66.46	66.68	64.63	67.39	25.93	54.47
8	00:00:35	66.48	66.77	66.70	66.98	66.68	66.52	66.31	66.45	66.46	66.58	64.63	67.39	26.03	52.27
9	00:00:40	66.19	66.86	66.79	66.98	66.48	66.62	66.31	66.45	66.46	66.58	64.73	67.39	26.13	50.17
10	00:00:45	66.48	66.86	66.70	66.98	66.48	66.62	66.31	66.45	66.46	66.58	64.73	67.39	26.23	50.46
11	00:00:50	66.48	66.86	66.70	66.98	66.58	66.62	66.31	66.45	66.56	66.58	64.73	67.39	26.23	54.95
12	00:00:55	66.48	66.67	66.51	66.79	66.48	66.52	66.22	66.36	66.46	66.58	64.63	67.39	26.23	51.03
13	00:01:00	66.38	66.77	66.60	66.79	66.48	66.52	66.22	66.36	66.46	66.48	64.63	67.39	26.23	51.60
14	00:01:05	66.38	66.67	66.60	66.79	66.38	66.52	66.22	66.36	66.46	66.48	64.63	67.29	26.23	56.09
15	00:01:10	66.38	66.67	66.60	66.79	66.38	66.52	66.31	66.45	66.56	66.48	64.63	67.29	26.23	57.14
16	00:01:15	66.28	66.67	66.60	66.79	66.38	66.52	66.31	66.45	66.56	66.48	64.63	67.29	26.23	57.24
1729	02:24:05	28.02	27.80	28.78	28.73	27.96	27.70	29.21	28.25	27.80	27.81	27.73	28.56	27.63	35.93
1730	02:24:10	28.02	27.80	28.78	28.73	27.96	27.70	29.21	28.25	27.80	27.81	27.63	28.56	27.73	36.02
1731	02:24:15	28.02	27.61	28.69	28.63	27.87	27.70	29.21	28.25	27.80	27.81	27.63	28.56	27.73	35.93
1732	02:24:20	28.02	27.61	28.59	28.63	27.87	27.70	29.21	28.25	27.80	27.81	27.73	28.56	27.73	35.93
1733	02:24:25	28.02	27.61	28.59	28.63	27.87	27.70	29.21	28.25	27.80	27.81	27.63	28.56	27.73	35.93
1734	02:24:30	28.02	27.80	28.69	28.63	27.96	27.70	29.21	28.25	27.80	27.81	27.73	28.56	27.73	36.12
1735	02:24:35	28.02	27.71	28.69	28.63	27.96	27.70	29.21	28.25	27.80	27.81	27.73	28.56	27.73	35.93
1736	02:24:40	28.02	27.71	28.59	28.63	27.96	27.70	29.21	28.35	27.80	27.81	27.73	28.56	27.73	35.83
1737	02:24:45	28.02	27.71	28.59	28.63	27.96	27.70	29.21	28.35	27.80	27.81	27.73	28.66	27.83	35.93
1738	02:24:50	28.02	27.90	28.59	28.63	27.96	27.60	29.21	28.35	27.80	27.81	27.73	28.56	27.83	35.93
1739	02:24:55	28.02	27.71	28.59	28.63	27.96	27.60	29.21	28.35	27.80	27.81	27.73	28.56	27.83	35.93
1740	02:25:00	28.02	27.71	28.59	28.63	27.96	27.70	29.21	28.35	27.80	27.81	27.63	28.56	27.73	35.83
1741	02:25:05	28.02	27.71	28.59	28.63	27.96	27.70	29.21	28.35	27.80	27.71	27.63	28.56	27.73	35.83
1742	02:25:10	28.02	27.71	28.59	28.63	27.96	27.60	29.21	28.35	27.80	27.81	27.73	28.56	27.83	35.83
1743	02:25:15	28.02	27.71	28.69	28.63	27.96	27.70	29.21	28.35	27.80	27.81	27.73	28.56	27.83	35.83