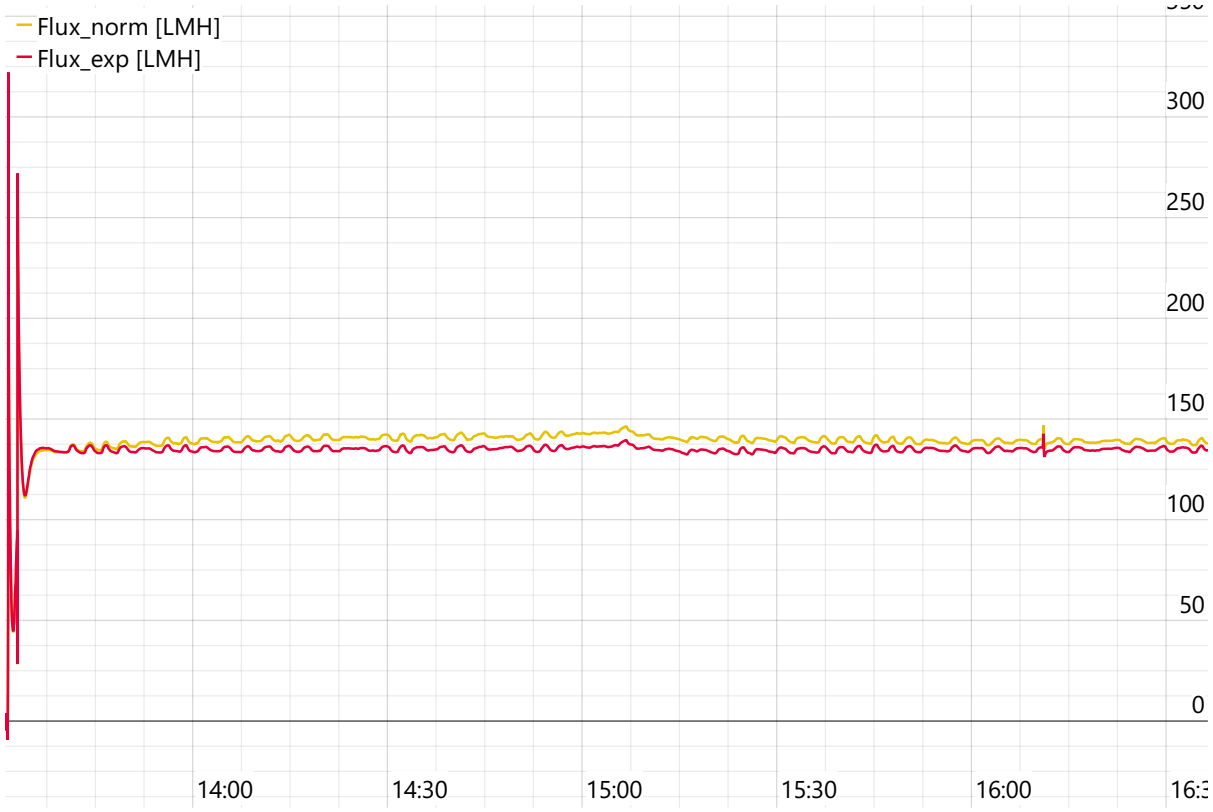
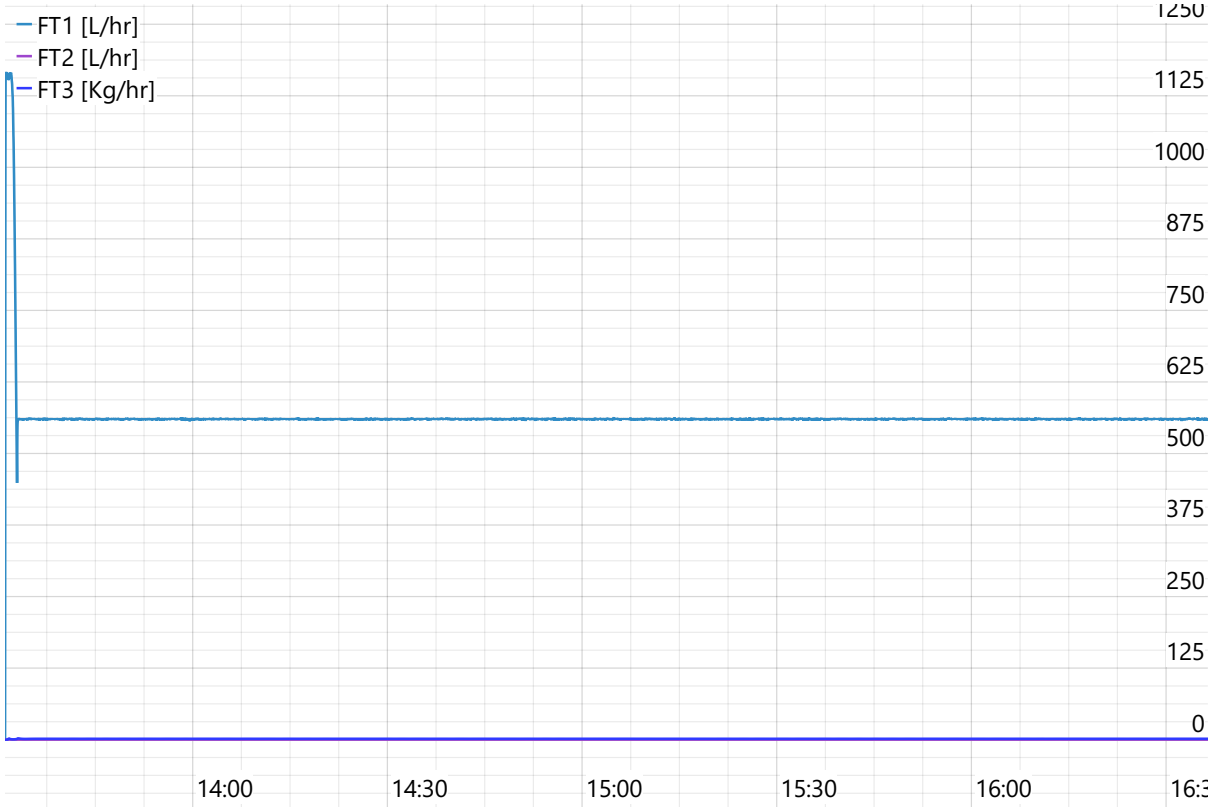
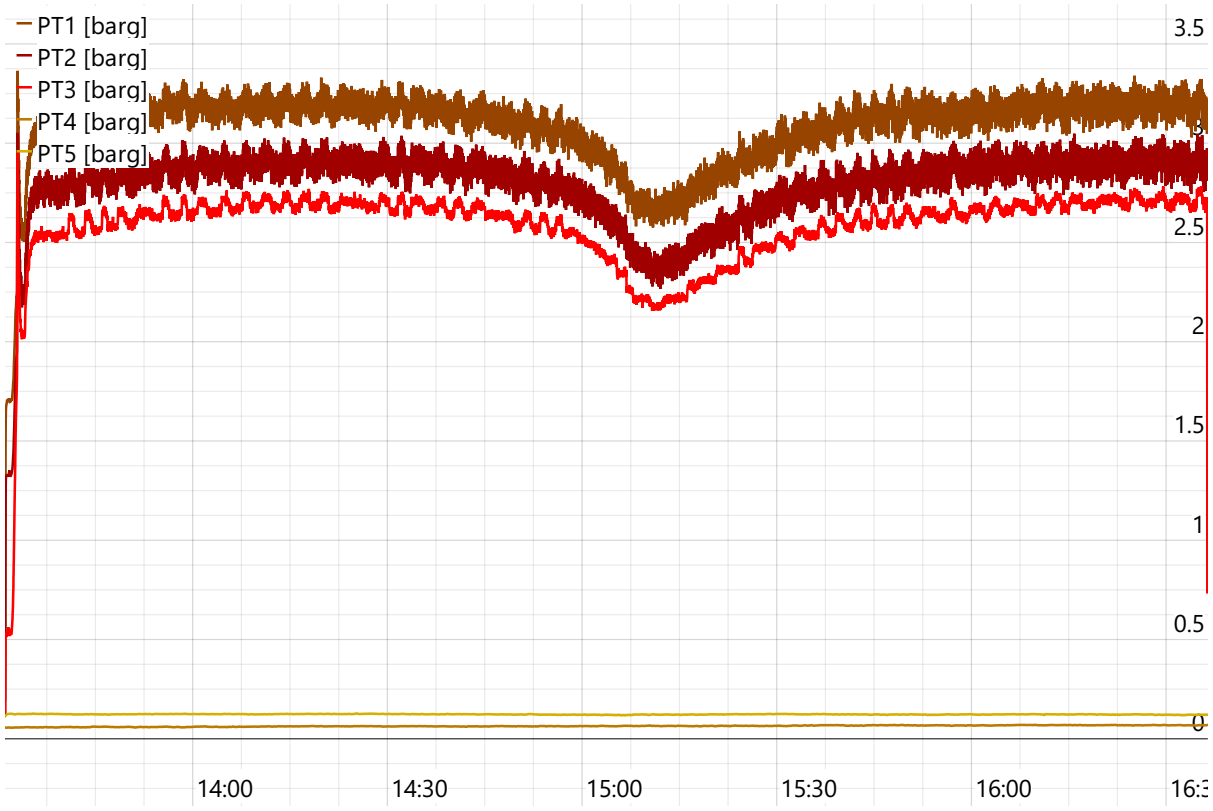
Recirculation report



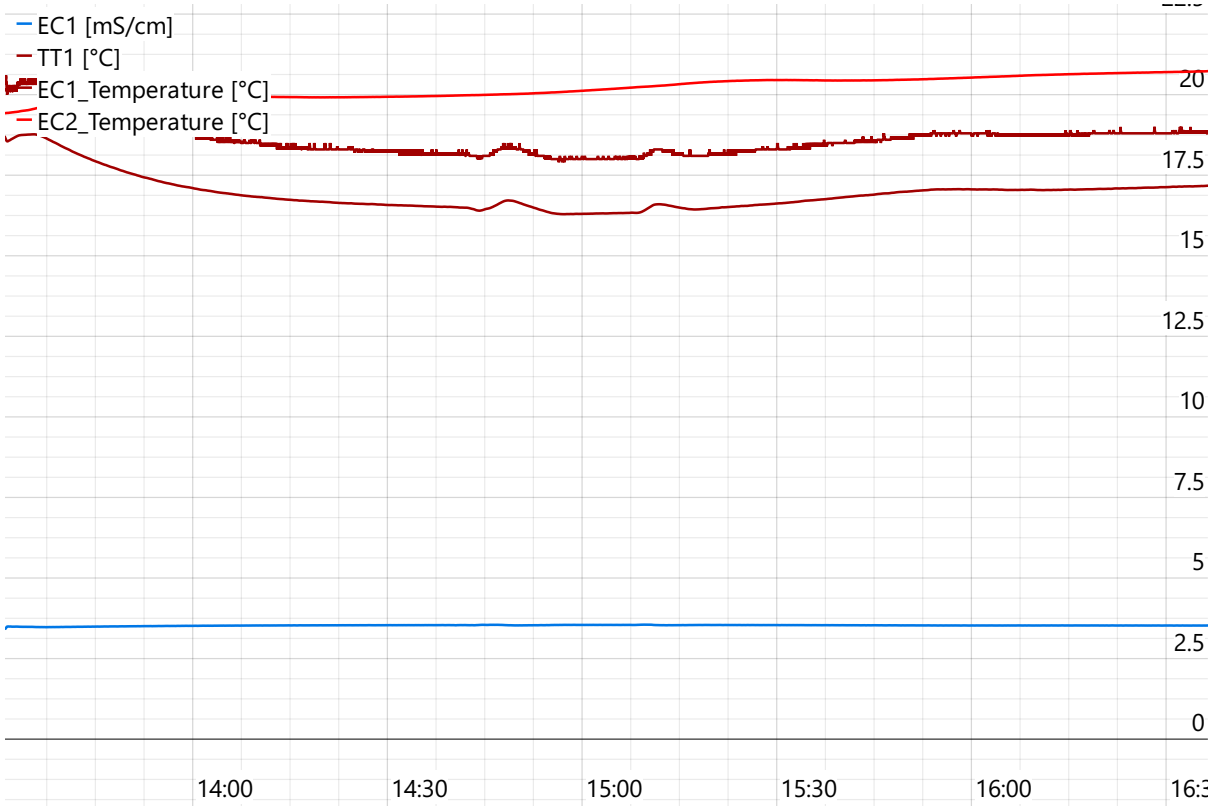
FLUX



FLOW



PRESSURE



EC&Temp

Recirculation_table

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%]*	*dP membrane [bar]*
89.22	1.68	1.32E+00	20.10	58.19	44.00	1.04	0.47

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%] [bar]	dP membrane
104.22	1.91	1.67E+00	20.20	82.38	49.23	1.11	0.23
119.21	2.92	2.68E+00	20.40	237.05	88.48	0.90	0.23
134.22	2.46	2.21E+00	20.30	168.21	76.28	0.84	0.25
149.22	2.27	2.04E+00	20.50	135.85	66.48	0.88	0.20
164.22	2.25	2.02E+00	20.30	118.64	58.74	0.92	0.20
179.22	2.27	2.03E+00	20.50	112.37	55.35	0.91	0.24
194.22	2.39	2.18E+00	20.30	113.11	51.84	0.89	0.17
209.22	2.56	2.33E+00	20.40	118.05	50.63	0.85	0.21
224.22	2.62	2.40E+00	20.40	123.48	51.40	0.82	0.18
239.22	2.75	2.48E+00	20.50	127.52	51.33	0.84	0.29
254.22	2.69	2.47E+00	20.30	130.63	52.80	0.83	0.18
269.22	2.72	2.49E+00	20.50	132.37	53.22	0.76	0.21
284.22	2.79	2.54E+00	20.50	134.07	52.85	0.67	0.26
299.22	2.74	2.52E+00	20.40	134.69	53.39	0.69	0.19
314.22	2.83	2.56E+00	20.30	135.14	52.75	0.71	0.29
329.22	2.83	2.56E+00	20.30	135.46	52.82	0.67	0.29
344.22	2.82	2.55E+00	20.30	135.74	53.32	0.72	0.29
359.22	2.82	2.55E+00	20.30	135.51	53.16	0.72	0.29
374.22	2.80	2.53E+00	20.30	135.48	53.56	0.64	0.28
389.22	2.80	2.56E+00	20.30	135.41	52.99	0.70	0.25
404.22	2.78	2.54E+00	20.20	135.48	53.39	0.75	0.23
419.22	2.68	2.49E+00	20.20	135.18	54.29	0.72	0.12
434.22	2.82	2.55E+00	20.10	134.75	52.79	0.76	0.28
449.22	2.75	2.50E+00	20.20	134.23	53.61	0.82	0.24
464.22	2.72	2.49E+00	20.10	134.02	53.80	0.73	0.21
479.22	2.74	2.49E+00	20.10	133.98	53.72	0.76	0.25
494.22	2.82	2.55E+00	20.10	133.81	52.41	0.77	0.28
509.22	2.71	2.50E+00	20.10	133.68	53.37	0.80	0.16
524.22	2.70	2.50E+00	20.00	133.56	53.53	0.81	0.17
539.22	2.72	2.50E+00	20.00	133.54	53.34	0.82	0.18
554.22	2.75	2.53E+00	19.90	133.41	52.82	0.91	0.20
569.22	2.71	2.50E+00	20.00	133.52	53.45	0.88	0.18
584.22	2.76	2.54E+00	19.90	133.73	52.73	0.88	0.20
599.22	2.85	2.62E+00	20.00	135.41	51.70	0.83	0.22
614.22	2.81	2.61E+00	19.80	136.73	52.48	0.86	0.17
629.22	2.79	2.59E+00	20.00	136.96	52.96	0.97	0.17
644.22	2.74	2.54E+00	19.80	136.14	53.52	0.90	0.16
659.22	2.71	2.52E+00	19.90	134.68	53.55	0.98	0.15
674.22	2.68	2.49E+00	19.80	133.95	53.71	1.00	0.13
689.22	2.79	2.54E+00	19.80	133.40	52.59	0.97	0.27
704.22	2.81	2.56E+00	19.70	133.08	51.93	0.95	0.25
719.22	2.83	2.57E+00	19.80	132.99	51.83	1.00	0.29
734.22	2.82	2.57E+00	19.60	133.22	51.93	1.08	0.26
749.22	2.85	2.62E+00	19.60	135.07	51.46	1.04	0.20
764.22	2.89	2.63E+00	19.80	136.18	51.70	1.13	0.26
779.22	2.93	2.67E+00	19.60	136.98	51.36	1.10	0.28
794.22	2.85	2.61E+00	19.60	136.99	52.58	1.05	0.24
809.22	2.81	2.56E+00	19.60	135.85	53.16	1.12	0.27
824.22	2.87	2.60E+00	19.50	134.41	51.69	1.11	0.29
839.22	2.83	2.58E+00	19.50	133.73	51.90	1.20	0.25
854.22	2.78	2.53E+00	19.50	133.10	52.53	1.23	0.24

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
869.22	2.79	2.56E+00	19.50	132.96	51.93	1.15	0.21
884.22	2.74	2.52E+00	19.60	133.24	52.83	1.19	0.19
899.22	2.85	2.63E+00	19.60	133.95	50.88	1.23	0.18
914.22	2.87	2.65E+00	19.50	136.10	51.41	1.31	0.19
929.22	2.93	2.68E+00	19.40	137.01	51.10	1.26	0.25
944.22	2.89	2.63E+00	19.40	136.77	51.99	1.26	0.27
959.22	2.82	2.58E+00	19.50	135.01	52.29	1.25	0.24
974.22	2.77	2.55E+00	19.50	134.20	52.59	1.32	0.20
989.22	2.80	2.57E+00	19.40	133.70	51.96	1.34	0.20
1004.22	2.77	2.55E+00	19.40	133.45	52.44	1.37	0.21
1019.22	2.83	2.59E+00	19.40	133.20	51.52	1.34	0.25
1034.22	2.83	2.58E+00	19.30	133.06	51.58	1.34	0.26
1049.22	2.90	2.65E+00	19.30	134.27	50.71	1.34	0.26
1064.22	2.82	2.62E+00	19.30	135.73	51.85	1.40	0.16
1079.22	2.86	2.63E+00	19.30	136.22	51.72	1.42	0.20
1094.22	2.92	2.66E+00	19.30	136.44	51.27	1.41	0.26
1109.22	2.79	2.58E+00	19.30	136.48	52.95	1.41	0.18
1124.22	2.83	2.60E+00	19.10	135.57	52.18	1.46	0.23
1139.22	2.81	2.57E+00	19.10	134.57	52.31	1.46	0.23
1154.22	2.84	2.58E+00	19.10	133.90	51.81	1.51	0.26
1169.22	2.81	2.58E+00	19.10	133.62	51.85	1.55	0.22
1184.22	2.73	2.55E+00	19.10	133.60	52.31	1.57	0.11
1199.22	2.82	2.58E+00	19.10	133.47	51.65	1.55	0.23
1214.22	2.87	2.63E+00	19.20	133.58	50.86	1.53	0.24
1229.22	2.92	2.66E+00	19.10	134.55	50.56	1.63	0.27
1244.22	2.87	2.65E+00	19.00	135.12	51.05	1.58	0.20
1259.22	2.96	2.68E+00	19.10	135.53	50.51	1.60	0.31
1274.22	2.82	2.61E+00	19.00	135.52	51.97	1.64	0.17
1289.22	2.87	2.63E+00	19.00	135.46	51.58	1.69	0.23
1304.22	2.92	2.66E+00	19.00	135.32	50.93	1.66	0.29
1319.22	2.88	2.65E+00	19.00	135.36	51.09	1.66	0.21
1334.22	2.95	2.66E+00	19.00	135.41	50.85	1.67	0.31
1349.22	2.86	2.63E+00	19.00	134.98	51.33	1.72	0.22
1364.22	2.86	2.62E+00	19.00	134.35	51.28	1.66	0.23
1379.22	2.83	2.60E+00	19.10	134.08	51.59	1.71	0.22
1394.22	2.87	2.62E+00	19.00	133.43	50.84	1.73	0.24
1409.22	2.87	2.63E+00	19.00	133.38	50.74	1.75	0.24
1424.22	2.81	2.60E+00	18.90	133.36	51.37	1.81	0.17
1439.22	2.79	2.59E+00	18.90	133.34	51.57	1.76	0.17
1454.22	2.81	2.59E+00	19.00	133.62	51.52	1.75	0.18
1469.22	2.96	2.70E+00	18.90	135.32	50.07	1.83	0.26
1484.22	2.95	2.69E+00	18.90	136.41	50.66	1.86	0.26
1499.22	2.97	2.72E+00	18.90	136.85	50.39	1.90	0.25
1514.22	2.84	2.64E+00	18.80	136.87	51.85	1.84	0.14
1529.22	2.87	2.63E+00	19.00	135.42	51.55	1.86	0.23
1544.22	2.86	2.62E+00	18.90	134.72	51.45	1.89	0.24
1559.22	2.92	2.66E+00	19.00	134.25	50.47	1.91	0.27
1574.22	2.86	2.62E+00	18.80	134.06	51.24	1.82	0.24
1589.22	2.89	2.63E+00	18.80	134.08	51.03	1.93	0.27
1604.22	2.87	2.63E+00	18.80	133.84	50.96	1.94	0.23
1619.22	2.89	2.64E+00	18.80	133.74	50.61	1.93	0.24

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%] [bar]	dP membrane
1634.22	2.91	2.68E+00	18.80	134.44	50.17	1.98	0.21
1649.22	2.91	2.69E+00	18.80	136.27	50.74	1.97	0.19
1664.22	2.88	2.69E+00	18.80	136.87	50.93	1.98	0.15
1679.22	2.81	2.62E+00	18.80	136.78	52.20	2.03	0.14
1694.22	2.85	2.63E+00	18.80	135.03	51.38	1.96	0.20
1709.22	2.88	2.64E+00	18.80	134.02	50.82	2.03	0.24
1724.22	2.86	2.62E+00	18.70	133.97	51.23	2.01	0.24
1739.22	2.86	2.63E+00	18.70	133.67	50.89	2.02	0.22
1754.22	2.74	2.58E+00	18.80	133.48	51.83	2.07	0.08
1769.22	2.84	2.63E+00	18.80	133.77	50.80	2.06	0.17
1784.22	2.85	2.65E+00	18.80	134.12	50.68	2.02	0.16
1799.22	2.95	2.71E+00	18.70	135.42	49.91	2.05	0.23
1814.22	2.94	2.71E+00	18.60	135.97	50.23	2.06	0.22
1829.22	2.86	2.65E+00	18.60	136.00	51.40	2.14	0.17
1844.22	2.87	2.67E+00	18.70	135.99	50.86	2.12	0.15
1859.22	2.88	2.65E+00	18.70	136.18	51.31	2.08	0.21
1874.22	2.87	2.65E+00	18.60	135.62	51.25	2.14	0.20
1889.22	2.89	2.64E+00	18.60	134.94	51.07	2.06	0.25
1904.22	2.93	2.65E+00	18.60	134.53	50.78	2.09	0.31
1919.22	2.94	2.66E+00	18.60	134.23	50.49	2.12	0.31
1934.22	2.88	2.64E+00	18.60	134.02	50.76	2.18	0.23
1949.22	2.88	2.64E+00	18.60	134.01	50.74	2.14	0.23
1964.22	2.93	2.68E+00	18.60	134.05	50.10	2.19	0.27
1979.22	2.94	2.68E+00	18.60	133.95	50.01	2.16	0.27
1994.22	2.94	2.66E+00	18.60	134.32	50.40	2.21	0.30
2009.22	2.91	2.69E+00	18.60	135.07	50.30	2.16	0.20
2024.22	2.88	2.67E+00	18.50	135.97	50.96	2.26	0.18
2039.22	2.95	2.71E+00	18.60	136.17	50.32	2.19	0.25
2054.22	2.89	2.68E+00	18.70	136.41	50.94	2.22	0.17
2069.22	2.93	2.69E+00	18.60	136.09	50.50	2.22	0.21
2084.22	2.82	2.61E+00	18.50	135.36	51.77	2.23	0.17
2099.22	2.92	2.67E+00	18.50	134.39	50.34	2.20	0.25
2114.22	2.88	2.63E+00	18.50	133.82	50.79	2.24	0.24
2129.22	2.83	2.63E+00	18.60	133.69	50.85	2.29	0.16
2144.22	2.86	2.65E+00	18.50	133.56	50.33	2.27	0.16
2159.22	2.80	2.61E+00	18.60	133.67	51.20	2.21	0.13
2174.22	2.89	2.65E+00	18.50	133.43	50.26	2.24	0.23
2189.22	2.94	2.69E+00	18.50	133.74	49.72	2.29	0.25
2204.22	2.98	2.72E+00	18.50	134.81	49.55	2.27	0.26
2219.22	2.88	2.68E+00	18.50	135.76	50.65	2.27	0.14
2234.22	2.90	2.69E+00	18.50	136.32	50.65	2.30	0.18
2249.22	2.87	2.67E+00	18.50	136.51	51.11	2.25	0.15
2264.22	2.92	2.68E+00	18.50	135.91	50.71	2.27	0.24
2279.22	2.83	2.64E+00	18.50	134.82	51.12	2.30	0.14
2294.22	2.94	2.69E+00	18.50	134.31	49.89	2.32	0.25
2309.22	2.90	2.67E+00	18.50	134.28	50.24	2.32	0.20
2324.22	2.81	2.62E+00	18.50	134.00	51.22	2.31	0.15
2339.22	2.92	2.68E+00	18.50	134.03	50.06	2.33	0.23
2354.22	2.83	2.64E+00	18.50	134.13	50.75	2.34	0.14
2369.22	2.83	2.64E+00	18.50	134.33	50.85	2.35	0.13
2384.22	2.92	2.70E+00	18.50	135.18	49.99	2.29	0.20

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
2399.22	3.02	2.74E+00	18.50	135.93	49.67	2.33	0.31
2414.22	2.93	2.71E+00	18.50	136.11	50.21	2.35	0.19
2429.22	2.94	2.70E+00	18.50	136.32	50.48	2.36	0.23
2444.22	2.91	2.69E+00	18.50	136.47	50.79	2.31	0.19
2459.22	2.94	2.71E+00	18.50	135.87	50.17	2.36	0.21
2474.22	2.92	2.68E+00	18.50	134.86	50.32	2.33	0.22
2489.22	2.81	2.63E+00	18.50	134.33	51.16	2.37	0.12
2504.22	2.89	2.67E+00	18.40	133.99	50.13	2.38	0.20
2519.22	2.92	2.68E+00	18.30	133.93	50.02	2.35	0.23
2534.22	2.88	2.65E+00	18.40	133.79	50.52	2.38	0.22
2549.22	2.86	2.65E+00	18.50	133.63	50.52	2.40	0.19
2564.22	2.90	2.68E+00	18.40	133.92	50.05	2.36	0.20
2579.22	3.03	2.75E+00	18.40	135.24	49.09	2.35	0.30
2594.22	2.87	2.68E+00	18.40	136.16	50.86	2.42	0.14
2609.22	2.97	2.73E+00	18.50	136.44	49.91	2.40	0.23
2624.22	3.01	2.76E+00	18.40	136.66	49.56	2.42	0.26
2639.22	2.88	2.67E+00	18.40	136.17	50.98	2.39	0.17
2654.22	2.87	2.66E+00	18.40	135.34	50.97	2.38	0.18
2669.22	2.90	2.66E+00	18.50	134.39	50.60	2.44	0.24
2684.22	2.92	2.66E+00	18.50	133.95	50.31	2.42	0.27
2699.22	2.85	2.64E+00	18.30	133.70	50.60	2.41	0.18
2714.22	2.92	2.67E+00	18.30	133.83	50.06	2.44	0.24
2729.22	2.99	2.71E+00	18.30	133.90	49.42	2.49	0.30
2744.22	2.87	2.68E+00	18.30	134.24	50.18	2.44	0.14
2759.22	2.92	2.70E+00	18.40	135.55	50.25	2.44	0.21
2774.22	3.01	2.75E+00	18.40	135.97	49.42	2.42	0.26
2789.22	3.00	2.74E+00	18.30	136.32	49.82	2.46	0.27
2804.22	2.91	2.68E+00	18.30	136.15	50.79	2.42	0.20
2819.22	2.93	2.67E+00	18.30	135.82	50.80	2.43	0.26
2834.22	2.93	2.68E+00	18.30	134.60	50.17	2.46	0.23
2849.22	2.86	2.66E+00	18.30	134.05	50.38	2.47	0.16
2864.22	2.91	2.68E+00	18.30	134.03	50.05	2.44	0.21
2879.22	2.90	2.66E+00	18.30	133.96	50.43	2.48	0.24
2894.22	2.98	2.71E+00	18.30	134.17	49.43	2.45	0.27
2909.22	2.90	2.67E+00	18.30	134.03	50.13	2.48	0.19
2924.22	2.99	2.73E+00	18.30	135.00	49.42	2.51	0.28
2939.22	2.88	2.67E+00	18.30	136.12	50.90	2.47	0.17
2954.22	2.89	2.69E+00	18.30	136.82	50.93	2.47	0.16
2969.22	2.99	2.75E+00	18.30	136.62	49.71	2.44	0.24
2984.22	2.84	2.65E+00	18.30	136.62	51.55	2.50	0.13
2999.22	2.88	2.64E+00	18.30	135.80	51.36	2.47	0.22
3014.22	2.90	2.65E+00	18.30	134.76	50.90	2.45	0.26
3029.22	2.84	2.62E+00	18.30	134.11	51.24	2.51	0.19
3044.22	2.85	2.63E+00	18.30	133.97	50.97	2.49	0.19
3059.22	2.87	2.64E+00	18.30	134.12	50.77	2.44	0.20
3074.22	2.91	2.67E+00	18.30	133.99	50.16	2.49	0.22
3089.22	2.90	2.67E+00	18.30	133.83	50.14	2.50	0.22
3104.22	2.94	2.69E+00	18.30	134.72	50.01	2.50	0.24
3119.22	2.88	2.67E+00	18.30	135.29	50.62	2.56	0.17
3134.22	2.90	2.67E+00	18.30	135.41	50.74	2.51	0.21
3149.22	2.96	2.71E+00	18.30	135.38	50.04	2.51	0.27

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
3164.22	2.85	2.66E+00	18.30	135.46	50.91	2.54	0.13
3179.22	2.94	2.70E+00	18.40	135.41	50.20	2.57	0.22
3194.22	2.95	2.70E+00	18.30	135.38	50.07	2.54	0.25
3209.22	2.88	2.68E+00	18.30	135.26	50.55	2.50	0.16
3224.22	2.94	2.69E+00	18.30	135.19	50.19	2.51	0.24
3239.22	2.98	2.72E+00	18.30	135.44	49.86	2.52	0.27
3254.22	2.87	2.66E+00	18.30	135.33	50.89	2.54	0.16
3269.22	2.95	2.69E+00	18.30	135.20	50.22	2.51	0.28
3284.22	2.97	2.72E+00	18.20	135.58	49.91	2.58	0.26
3299.22	2.91	2.66E+00	18.20	135.56	50.91	2.53	0.24
3314.22	2.82	2.63E+00	18.30	135.62	51.66	2.55	0.14
3329.22	2.89	2.66E+00	18.30	135.36	50.91	2.53	0.20
3344.22	2.81	2.62E+00	18.30	134.88	51.57	2.53	0.14
3359.22	2.91	2.67E+00	18.30	134.37	50.39	2.60	0.23
3374.22	2.89	2.67E+00	18.30	134.17	50.29	2.56	0.19
3389.22	2.82	2.63E+00	18.30	134.24	50.99	2.53	0.12
3404.22	2.84	2.63E+00	18.30	134.44	51.11	2.51	0.18
3419.22	2.92	2.66E+00	18.30	134.08	50.45	2.50	0.27
3434.22	2.92	2.68E+00	18.30	134.20	50.15	2.56	0.23
3449.22	2.86	2.65E+00	18.30	134.38	50.70	2.56	0.18
3464.22	2.98	2.72E+00	18.30	134.68	49.57	2.55	0.27
3479.22	2.89	2.68E+00	18.30	135.80	50.73	2.47	0.18
3494.22	2.87	2.68E+00	18.20	136.28	50.84	2.55	0.13
3509.22	2.94	2.70E+00	18.20	136.41	50.55	2.55	0.23
3524.22	2.99	2.73E+00	18.30	136.43	50.01	2.57	0.27
3539.22	2.87	2.65E+00	18.30	136.31	51.36	2.52	0.18
3554.22	2.82	2.62E+00	18.30	135.84	51.94	2.63	0.15
3569.22	2.93	2.67E+00	18.30	134.61	50.37	2.61	0.27
3584.22	2.79	2.60E+00	18.30	133.77	51.53	2.53	0.15
3599.22	2.87	2.64E+00	18.20	133.67	50.64	2.60	0.21
3614.22	2.91	2.67E+00	18.30	133.54	50.07	2.56	0.23
3629.22	2.84	2.63E+00	18.30	133.57	50.76	2.58	0.17
3644.22	2.91	2.69E+00	18.20	135.28	50.32	2.59	0.20
3659.22	2.88	2.67E+00	18.30	136.30	51.11	2.59	0.18
3674.22	2.90	2.70E+00	18.30	136.90	50.67	2.56	0.15
3689.22	2.90	2.67E+00	18.20	136.65	51.18	2.64	0.20
3704.22	2.86	2.64E+00	18.10	134.92	51.16	2.57	0.19
3719.22	2.92	2.66E+00	18.30	133.86	50.37	2.60	0.28
3734.23	2.84	2.62E+00	18.20	133.16	50.84	2.64	0.20
3749.23	2.85	2.63E+00	18.30	132.93	50.62	2.58	0.20
3764.23	2.87	2.66E+00	18.30	134.56	50.53	2.60	0.17
3779.23	2.94	2.69E+00	18.20	135.19	50.17	2.57	0.24
3794.23	2.98	2.72E+00	18.20	135.71	49.92	2.62	0.27
3809.23	2.88	2.67E+00	18.20	136.10	51.05	2.57	0.19
3824.23	2.96	2.71E+00	18.20	135.96	50.12	2.64	0.24
3839.23	2.89	2.67E+00	18.20	136.15	51.04	2.54	0.21
3854.23	2.95	2.71E+00	18.20	136.08	50.30	2.62	0.24
3869.23	2.91	2.67E+00	18.20	135.90	50.92	2.56	0.24
3884.23	2.94	2.68E+00	18.10	135.12	50.36	2.62	0.26
3899.23	2.89	2.66E+00	18.10	134.55	50.64	2.59	0.23
3914.23	2.83	2.63E+00	18.20	134.30	51.12	2.65	0.16

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
3929.23	2.83	2.63E+00	18.20	134.56	51.20	2.62	0.15
3944.23	2.91	2.67E+00	18.30	134.63	50.51	2.61	0.24
3959.23	2.86	2.63E+00	18.20	134.68	51.21	2.60	0.22
3974.23	2.94	2.68E+00	18.20	134.76	50.20	2.60	0.26
3989.23	2.85	2.65E+00	18.10	134.93	50.86	2.63	0.16
4004.23	2.98	2.72E+00	18.10	135.27	49.77	2.58	0.27
4019.23	2.87	2.67E+00	18.20	135.92	50.95	2.64	0.15
4034.23	2.96	2.70E+00	18.20	136.08	50.38	2.64	0.26
4049.23	2.96	2.72E+00	18.20	136.39	50.13	2.67	0.23
4064.23	2.95	2.70E+00	18.20	136.53	50.55	2.62	0.24
4079.25	2.86	2.63E+00	18.10	135.40	51.39	2.60	0.20
4094.25	2.81	2.61E+00	18.10	134.48	51.53	2.67	0.15
4109.25	2.82	2.61E+00	18.20	133.86	51.30	2.65	0.17
4124.25	2.91	2.64E+00	18.20	133.65	50.62	2.59	0.29
4139.25	2.80	2.60E+00	18.20	133.51	51.29	2.59	0.15
4154.25	2.90	2.67E+00	18.20	133.71	50.05	2.62	0.20
4169.25	2.97	2.70E+00	18.20	135.34	50.07	2.56	0.29
4184.25	2.87	2.67E+00	18.10	136.20	51.04	2.60	0.15
4199.25	2.98	2.72E+00	18.10	136.52	50.14	2.65	0.27
4214.25	2.86	2.66E+00	18.10	137.02	51.59	2.67	0.15
4229.25	2.89	2.66E+00	18.30	136.69	51.32	2.62	0.21
4244.25	2.85	2.63E+00	18.10	135.56	51.62	2.69	0.21
4259.25	2.84	2.61E+00	18.10	134.39	51.43	2.68	0.19
4274.25	2.86	2.62E+00	18.10	133.73	50.97	2.60	0.23
4289.25	2.92	2.65E+00	18.10	133.64	50.42	2.56	0.29
4304.25	2.87	2.64E+00	18.10	133.59	50.63	2.60	0.21
4319.25	2.91	2.66E+00	18.10	134.18	50.50	2.62	0.26
4334.25	2.91	2.66E+00	18.10	135.13	50.75	2.49	0.25
4349.25	2.93	2.68E+00	18.10	135.46	50.63	2.57	0.26
4364.25	2.86	2.65E+00	18.10	135.77	51.24	2.65	0.19
4379.25	2.89	2.66E+00	18.10	136.03	51.16	2.71	0.22
4394.25	2.94	2.70E+00	18.10	136.19	50.53	2.82	0.25
4409.25	2.85	2.64E+00	18.10	136.27	51.53	2.89	0.16
4424.25	2.85	2.65E+00	18.10	136.56	51.59	2.91	0.16
4439.25	2.91	2.67E+00	18.10	136.26	51.10	2.83	0.24
4454.25	2.92	2.66E+00	18.10	135.24	50.93	2.77	0.28
4469.25	2.79	2.60E+00	18.10	134.97	51.87	2.80	0.13
4484.25	2.82	2.60E+00	18.10	134.72	51.74	2.91	0.18
4499.25	2.86	2.62E+00	18.20	134.86	51.43	2.90	0.22
4514.25	2.90	2.65E+00	18.20	134.88	50.88	2.92	0.26
4529.25	2.82	2.60E+00	18.20	134.95	51.94	2.87	0.19
4544.25	2.83	2.61E+00	18.20	134.99	51.69	2.88	0.18
4559.30	2.90	2.66E+00	18.30	135.25	50.87	2.87	0.24
4574.29	2.91	2.66E+00	18.30	135.55	51.04	2.83	0.27
4589.30	2.79	2.59E+00	18.30	135.58	52.40	2.82	0.16
4604.32	2.88	2.62E+00	18.50	135.72	51.77	2.77	0.27
4619.33	2.91	2.65E+00	18.30	135.99	51.37	2.65	0.29
4634.33	2.86	2.62E+00	18.40	136.07	51.86	2.63	0.22
4649.34	2.80	2.61E+00	18.40	136.02	52.19	2.54	0.15
4664.33	2.88	2.64E+00	18.40	136.24	51.60	2.54	0.23
4679.34	2.80	2.59E+00	18.50	136.15	52.47	2.49	0.17

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
4694.33	2.80	2.59E+00	18.40	135.98	52.45	2.48	0.17
4709.33	2.81	2.58E+00	18.30	135.08	52.41	2.42	0.23
4724.33	2.77	2.56E+00	18.30	134.46	52.58	2.39	0.18
4739.36	2.82	2.59E+00	18.30	133.95	51.65	2.41	0.21
4754.37	2.82	2.59E+00	18.30	134.26	51.89	2.43	0.23
4769.40	2.85	2.59E+00	18.30	134.33	51.80	2.40	0.27
4784.40	2.83	2.60E+00	18.30	134.68	51.70	2.48	0.21
4799.44	2.95	2.67E+00	18.30	135.07	50.53	2.45	0.31
4814.44	2.83	2.62E+00	18.20	136.18	52.00	2.49	0.18
4829.44	2.85	2.62E+00	18.20	136.42	51.98	2.44	0.21
4844.44	2.87	2.63E+00	18.20	136.72	52.02	2.52	0.23
4859.44	2.88	2.63E+00	18.20	136.69	51.94	2.52	0.25
4874.44	2.87	2.60E+00	18.20	135.82	52.22	2.46	0.29
4889.44	2.70	2.52E+00	18.20	134.39	53.42	2.56	0.13
4904.44	2.81	2.57E+00	18.10	133.78	51.96	2.55	0.22
4919.44	2.73	2.52E+00	18.10	133.63	52.93	2.52	0.17
4934.44	2.79	2.56E+00	18.10	133.66	52.16	2.57	0.21
4949.44	2.84	2.61E+00	18.10	134.32	51.49	2.64	0.23
4964.44	2.81	2.60E+00	18.10	135.64	52.11	2.59	0.16
4979.44	2.88	2.64E+00	18.10	136.56	51.81	2.54	0.24
4994.44	2.88	2.63E+00	18.10	137.33	52.22	2.57	0.25
5009.44	2.80	2.59E+00	18.00	136.96	52.82	2.68	0.18
5024.44	2.84	2.58E+00	18.00	136.02	52.63	2.61	0.27
5039.44	2.76	2.54E+00	18.10	134.82	53.17	2.65	0.21
5054.44	2.82	2.57E+00	18.00	134.24	52.19	2.72	0.26
5069.45	2.74	2.51E+00	18.00	134.07	53.35	2.71	0.22
5084.47	2.82	2.56E+00	18.00	134.15	52.37	2.76	0.27
5099.50	2.78	2.56E+00	18.00	135.06	52.66	2.79	0.18
5114.51	2.83	2.59E+00	18.00	136.10	52.57	2.74	0.24
5129.53	2.81	2.58E+00	18.10	136.81	53.06	2.82	0.22
5144.54	2.78	2.57E+00	18.00	137.12	53.26	2.78	0.17
5159.58	2.72	2.52E+00	18.00	136.43	54.24	2.84	0.17
5174.58	2.78	2.54E+00	18.10	135.51	53.42	2.87	0.25
5189.60	2.76	2.53E+00	18.00	135.14	53.44	2.85	0.22
5204.63	2.69	2.50E+00	18.00	135.00	54.11	2.83	0.14
5219.62	2.82	2.56E+00	18.10	135.27	52.85	2.87	0.29
5234.68	2.72	2.52E+00	18.00	135.58	53.72	2.82	0.16
5249.67	2.78	2.55E+00	18.00	135.68	53.15	2.85	0.21
5264.69	2.72	2.51E+00	18.00	135.85	54.07	2.89	0.18
5279.68	2.80	2.55E+00	18.00	136.16	53.49	2.84	0.27
5294.70	2.71	2.50E+00	18.00	136.37	54.48	2.83	0.18
5309.76	2.81	2.55E+00	18.00	135.98	53.29	2.84	0.28
5324.75	2.70	2.49E+00	18.00	136.02	54.74	2.82	0.19
5339.76	2.74	2.51E+00	18.00	136.37	54.35	2.86	0.21
5354.75	2.71	2.48E+00	18.00	136.24	54.84	2.80	0.22
5369.75	2.75	2.51E+00	18.00	135.98	54.10	2.80	0.24
5384.75	2.74	2.51E+00	18.00	135.85	54.18	2.83	0.23
5399.76	2.77	2.52E+00	18.00	135.74	53.87	2.83	0.25
5414.75	2.68	2.47E+00	18.00	135.82	54.96	2.83	0.18
5429.77	2.71	2.48E+00	18.00	136.29	54.92	2.83	0.21
5444.79	2.74	2.50E+00	18.00	136.62	54.74	2.84	0.25

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
5459.83	2.69	2.46E+00	18.00	136.45	55.51	2.82	0.22
5474.83	2.65	2.44E+00	18.00	136.30	55.92	2.81	0.18
5489.83	2.64	2.43E+00	18.00	136.31	56.02	2.83	0.16
5504.83	2.69	2.44E+00	18.00	136.37	55.86	2.85	0.25
5519.83	2.62	2.42E+00	18.00	136.44	56.31	2.80	0.16
5534.83	2.71	2.45E+00	18.00	136.58	55.69	2.84	0.28
5549.83	2.73	2.47E+00	18.00	136.43	55.33	2.83	0.28
5564.83	2.59	2.38E+00	18.00	136.14	57.31	2.85	0.19
5579.83	2.69	2.44E+00	18.10	135.96	55.62	2.83	0.26
5594.83	2.57	2.37E+00	18.00	136.21	57.58	2.83	0.18
5609.88	2.59	2.38E+00	18.00	136.26	57.19	2.85	0.17
5624.90	2.61	2.39E+00	18.00	136.61	57.07	2.81	0.19
5639.89	2.65	2.41E+00	18.00	136.98	56.90	2.83	0.25
5654.90	2.58	2.38E+00	18.00	137.02	57.53	2.89	0.17
5669.91	2.56	2.32E+00	18.00	136.73	58.83	2.82	0.22
5684.95	2.52	2.31E+00	18.10	137.69	59.72	2.81	0.19
5699.97	2.59	2.34E+00	18.00	138.36	59.11	2.82	0.26
5714.97	2.52	2.31E+00	18.00	138.87	60.09	2.88	0.17
5729.97	2.50	2.31E+00	18.00	139.22	60.36	2.82	0.15
5744.97	2.58	2.34E+00	18.00	139.58	59.71	2.86	0.25
5760.00	2.44	2.23E+00	18.00	138.14	62.00	2.85	0.17
5775.01	2.50	2.25E+00	18.00	137.42	61.02	2.88	0.25
5790.04	2.43	2.22E+00	18.00	137.48	61.87	2.82	0.18
5805.05	2.55	2.28E+00	18.10	137.22	60.26	2.77	0.30
5820.08	2.47	2.22E+00	18.00	136.34	61.42	2.77	0.26
5835.10	2.37	2.17E+00	18.00	135.31	62.43	2.80	0.16
5850.11	2.46	2.22E+00	18.00	135.25	61.00	2.91	0.24
5865.13	2.45	2.22E+00	18.10	135.25	61.06	2.95	0.24
5880.15	2.41	2.19E+00	18.00	135.36	61.88	3.04	0.19
5895.18	2.39	2.17E+00	18.10	135.39	62.29	3.04	0.19
5910.22	2.44	2.21E+00	18.10	135.62	61.40	3.07	0.22
5925.21	2.36	2.17E+00	18.10	135.83	62.69	3.03	0.14
5940.22	2.44	2.20E+00	18.10	136.06	61.77	3.04	0.23
5955.22	2.37	2.18E+00	18.20	136.22	62.51	3.02	0.15
5970.22	2.45	2.21E+00	18.30	135.65	61.49	3.02	0.24
5985.22	2.38	2.15E+00	18.30	135.03	62.66	2.93	0.21
6000.22	2.40	2.15E+00	18.30	134.55	62.52	2.78	0.24
6015.22	2.32	2.14E+00	18.30	134.64	62.93	2.72	0.13
6030.22	2.42	2.18E+00	18.30	134.57	61.77	2.69	0.24
6045.22	2.35	2.14E+00	18.30	134.47	62.85	2.67	0.18
6060.22	2.31	2.13E+00	18.30	134.36	62.95	2.59	0.11
6075.22	2.43	2.19E+00	18.30	134.23	61.33	2.60	0.25
6090.22	2.38	2.18E+00	18.30	134.42	61.68	2.66	0.16
6105.22	2.44	2.21E+00	18.30	134.92	61.06	2.56	0.22
6120.22	2.37	2.16E+00	18.30	135.05	62.38	2.56	0.17
6135.22	2.44	2.22E+00	18.20	135.22	60.94	2.67	0.21
6150.22	2.48	2.23E+00	18.30	135.12	60.55	2.59	0.25
6165.22	2.40	2.18E+00	18.30	135.00	61.95	2.58	0.19
6180.22	2.41	2.19E+00	18.30	134.73	61.50	2.57	0.19
6195.22	2.42	2.19E+00	18.20	134.38	61.40	2.61	0.22
6210.22	2.37	2.17E+00	18.10	134.22	61.81	2.61	0.16

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
6225.22	2.38	2.19E+00	18.10	134.03	61.31	2.63	0.14
6240.22	2.46	2.22E+00	18.20	133.81	60.18	2.61	0.23
6255.22	2.38	2.17E+00	18.20	133.43	61.36	2.62	0.17
6270.22	2.46	2.22E+00	18.10	133.01	59.83	2.71	0.23
6285.22	2.42	2.19E+00	18.10	132.75	60.59	2.58	0.21
6300.22	2.46	2.22E+00	18.10	132.46	59.75	2.67	0.24
6315.22	2.43	2.24E+00	18.10	132.93	59.42	2.67	0.15
6330.22	2.47	2.25E+00	18.10	134.01	59.47	2.72	0.20
6345.22	2.45	2.24E+00	18.10	134.78	60.21	2.69	0.18
6360.22	2.55	2.31E+00	18.10	134.56	58.37	2.69	0.24
6375.22	2.54	2.29E+00	18.10	134.42	58.82	2.72	0.27
6390.22	2.48	2.26E+00	18.10	133.98	59.40	2.75	0.21
6405.22	2.50	2.28E+00	18.10	134.04	58.82	2.74	0.19
6420.22	2.58	2.32E+00	18.10	134.64	58.06	2.78	0.29
6435.22	2.49	2.28E+00	18.10	134.84	59.26	2.74	0.19
6450.22	2.57	2.32E+00	18.10	134.81	58.12	2.72	0.27
6465.22	2.43	2.25E+00	18.10	134.72	59.78	2.73	0.11
6480.22	2.56	2.32E+00	18.10	134.70	58.12	2.76	0.25
6495.22	2.47	2.26E+00	18.10	134.25	59.31	2.76	0.16
6510.22	2.57	2.31E+00	18.10	133.96	57.88	2.78	0.27
6525.22	2.52	2.28E+00	18.10	133.56	58.52	2.73	0.23
6540.22	2.48	2.27E+00	18.20	133.18	58.64	2.74	0.16
6555.22	2.48	2.27E+00	18.10	133.02	58.51	2.73	0.17
6570.22	2.54	2.30E+00	18.10	132.88	57.86	2.72	0.25
6585.22	2.58	2.35E+00	18.10	133.89	56.94	2.72	0.21
6600.22	2.51	2.32E+00	18.10	134.86	58.07	2.77	0.13
6615.22	2.59	2.35E+00	18.10	135.09	57.57	2.73	0.23
6630.22	2.68	2.40E+00	18.10	135.34	56.37	2.67	0.32
6645.22	2.54	2.32E+00	18.20	135.31	58.30	2.71	0.20
6660.22	2.53	2.33E+00	18.20	134.66	57.75	2.71	0.16
6675.22	2.62	2.36E+00	18.20	134.12	56.77	2.68	0.27
6690.22	2.55	2.34E+00	18.20	134.10	57.41	2.73	0.19
6705.22	2.53	2.33E+00	18.10	133.76	57.42	2.66	0.14
6720.21	2.56	2.33E+00	18.20	133.17	57.06	2.69	0.21
6735.22	2.61	2.37E+00	18.20	132.85	56.15	2.66	0.24
6750.22	2.58	2.36E+00	18.20	132.55	56.23	2.70	0.19
6765.22	2.61	2.36E+00	18.30	132.54	56.11	2.67	0.24
6780.22	2.59	2.35E+00	18.30	132.69	56.57	2.70	0.24
6795.22	2.64	2.43E+00	18.30	134.80	55.37	2.74	0.15
6810.22	2.60	2.40E+00	18.20	135.68	56.50	2.63	0.14
6825.22	2.69	2.44E+00	18.20	136.06	55.71	2.65	0.24
6840.22	2.62	2.39E+00	18.30	135.11	56.58	2.64	0.22
6855.22	2.57	2.36E+00	18.30	134.00	56.70	2.63	0.17
6870.22	2.69	2.44E+00	18.30	133.14	54.68	2.72	0.26
6885.22	2.57	2.37E+00	18.30	133.09	56.14	2.68	0.16
6900.22	2.63	2.39E+00	18.30	132.47	55.52	2.66	0.24
6915.21	2.60	2.39E+00	18.20	132.59	55.51	2.68	0.18
6930.22	2.70	2.46E+00	18.30	134.02	54.49	2.66	0.23
6945.22	2.66	2.44E+00	18.30	134.95	55.39	2.69	0.19
6960.22	2.75	2.49E+00	18.30	135.07	54.35	2.67	0.29
6975.22	2.69	2.46E+00	18.30	134.95	54.83	2.64	0.20

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
6990.22	2.71	2.46E+00	18.30	134.80	54.82	2.65	0.26
7005.22	2.72	2.46E+00	18.30	134.79	54.71	2.62	0.26
7020.22	2.63	2.44E+00	18.30	134.59	55.27	2.64	0.13
7035.22	2.58	2.42E+00	18.30	134.58	55.65	2.65	0.08
7050.22	2.70	2.46E+00	18.40	134.17	54.60	2.66	0.24
7065.22	2.66	2.44E+00	18.30	133.86	54.97	2.69	0.19
7080.22	2.72	2.48E+00	18.30	133.71	53.83	2.68	0.22
7095.22	2.67	2.45E+00	18.30	133.61	54.57	2.67	0.20
7110.22	2.63	2.42E+00	18.30	133.39	55.17	2.70	0.19
7125.22	2.78	2.51E+00	18.30	133.18	52.99	2.67	0.29
7140.22	2.77	2.52E+00	18.50	134.50	53.42	2.73	0.26
7155.22	2.77	2.54E+00	18.30	135.41	53.38	2.62	0.22
7170.22	2.74	2.51E+00	18.30	135.88	54.06	2.60	0.20
7185.22	2.75	2.51E+00	18.30	135.81	54.12	2.67	0.24
7200.22	2.70	2.49E+00	18.30	135.31	54.36	2.62	0.17
7215.22	2.69	2.48E+00	18.30	135.29	54.51	2.66	0.16
7230.22	2.77	2.52E+00	18.30	134.38	53.22	2.63	0.24
7245.22	2.67	2.46E+00	18.30	133.67	54.31	2.64	0.17
7260.22	2.77	2.50E+00	18.30	133.06	53.12	2.64	0.28
7275.22	2.78	2.52E+00	18.30	133.09	52.83	2.65	0.27
7290.22	2.80	2.52E+00	18.30	132.91	52.70	2.67	0.31
7305.22	2.71	2.49E+00	18.30	133.79	53.65	2.60	0.19
7320.21	2.77	2.53E+00	18.50	135.02	53.40	2.66	0.23
7335.22	2.71	2.50E+00	18.40	135.29	54.02	2.64	0.16
7350.22	2.83	2.58E+00	18.40	135.47	52.47	2.65	0.26
7365.22	2.76	2.53E+00	18.40	135.54	53.64	2.69	0.22
7380.22	2.72	2.51E+00	18.50	135.54	54.04	2.68	0.17
7395.21	2.83	2.57E+00	18.40	135.36	52.63	2.60	0.27
7410.22	2.80	2.54E+00	18.40	135.03	53.11	2.62	0.27
7425.22	2.73	2.51E+00	18.50	134.32	53.42	2.60	0.18
7440.23	2.82	2.56E+00	18.50	133.94	52.33	2.61	0.28
7455.23	2.70	2.49E+00	18.50	133.68	53.64	2.55	0.17
7470.23	2.83	2.56E+00	18.50	133.50	52.20	2.62	0.30
7485.23	2.68	2.49E+00	18.50	133.54	53.68	2.58	0.14
7500.23	2.79	2.54E+00	18.40	133.41	52.48	2.65	0.24
7515.23	2.76	2.53E+00	18.40	133.38	52.81	2.60	0.23
7530.23	2.82	2.59E+00	18.50	134.18	51.90	2.60	0.22
7545.25	2.91	2.65E+00	18.50	135.55	51.19	2.58	0.28
7560.25	2.72	2.54E+00	18.50	136.24	53.74	2.59	0.12
7575.25	2.84	2.59E+00	18.50	136.49	52.60	2.61	0.24
7590.25	2.76	2.54E+00	18.50	135.93	53.54	2.63	0.20
7605.25	2.82	2.58E+00	18.50	134.98	52.39	2.59	0.25
7620.25	2.78	2.54E+00	18.50	134.11	52.70	2.59	0.22
7635.25	2.71	2.49E+00	18.50	133.42	53.53	2.57	0.19
7650.25	2.80	2.55E+00	18.50	132.91	52.03	2.61	0.24
7665.25	2.73	2.53E+00	18.50	133.10	52.70	2.60	0.17
7680.25	2.81	2.56E+00	18.50	132.96	51.93	2.59	0.25
7695.25	2.87	2.62E+00	18.50	134.89	51.50	2.60	0.26
7710.25	2.77	2.58E+00	18.50	135.79	52.69	2.55	0.13
7725.25	2.90	2.64E+00	18.50	136.06	51.54	2.56	0.27
7740.25	2.84	2.61E+00	18.50	136.02	52.02	2.60	0.20

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
7755.25	2.76	2.56E+00	18.50	135.89	53.12	2.58	0.17
7770.25	2.83	2.59E+00	18.50	134.88	52.13	2.55	0.24
7785.25	2.72	2.51E+00	18.50	134.00	53.32	2.58	0.17
7800.25	2.83	2.58E+00	18.50	133.70	51.80	2.56	0.24
7815.25	2.73	2.53E+00	18.50	133.73	52.76	2.56	0.14
7830.25	2.80	2.56E+00	18.50	133.41	52.18	2.56	0.24
7845.25	2.75	2.56E+00	18.50	133.79	52.27	2.56	0.13
7860.25	2.89	2.64E+00	18.60	134.93	51.14	2.58	0.25
7875.25	2.85	2.63E+00	18.50	136.01	51.65	2.57	0.18
7890.25	2.76	2.58E+00	18.50	136.45	52.82	2.56	0.12
7905.25	2.89	2.65E+00	18.50	136.69	51.56	2.57	0.24
7920.25	2.75	2.55E+00	18.50	135.22	52.95	2.49	0.14
7935.27	2.72	2.53E+00	18.60	134.32	52.99	2.55	0.12
7950.27	2.75	2.55E+00	18.60	133.79	52.40	2.60	0.15
7965.26	2.78	2.55E+00	18.60	133.41	52.36	2.46	0.21
7980.30	2.77	2.54E+00	18.60	133.29	52.40	2.60	0.21
7995.31	2.76	2.55E+00	18.50	133.14	52.30	2.55	0.18
8010.36	2.77	2.57E+00	18.60	133.34	51.96	2.52	0.17
8025.37	2.91	2.67E+00	18.60	135.38	50.72	2.62	0.24
8040.39	2.88	2.66E+00	18.60	136.81	51.50	2.60	0.21
8055.40	2.80	2.60E+00	18.60	137.30	52.85	2.57	0.17
8070.43	2.77	2.55E+00	18.60	136.47	53.52	2.60	0.19
8085.45	2.84	2.59E+00	18.60	135.21	52.30	2.55	0.26
8100.50	2.86	2.61E+00	18.60	134.47	51.50	2.56	0.26
8115.52	2.83	2.59E+00	18.60	133.85	51.62	2.54	0.23
8130.52	2.89	2.62E+00	18.60	133.95	51.14	2.53	0.29
8145.52	2.83	2.60E+00	18.60	133.91	51.51	2.48	0.22
8160.52	2.77	2.58E+00	18.60	134.13	52.01	2.52	0.14
8175.52	2.90	2.65E+00	18.60	134.99	50.93	2.59	0.25
8190.52	2.85	2.63E+00	18.60	136.11	51.73	2.53	0.21
8205.51	2.82	2.62E+00	18.60	136.67	52.07	2.51	0.14
8220.53	2.77	2.57E+00	18.60	136.13	52.87	2.55	0.14
8235.53	2.75	2.55E+00	18.60	134.51	52.71	2.57	0.15
8250.53	2.83	2.59E+00	18.70	133.77	51.63	2.54	0.23
8265.53	2.78	2.56E+00	18.70	133.48	52.23	2.52	0.19
8280.53	2.85	2.60E+00	18.60	133.44	51.29	2.49	0.26
8295.53	2.78	2.56E+00	18.60	133.26	52.06	2.55	0.20
8310.53	2.92	2.65E+00	18.70	134.31	50.71	2.52	0.29
8325.53	2.83	2.62E+00	18.70	135.29	51.54	2.47	0.16
8340.53	2.94	2.69E+00	18.70	136.16	50.68	2.55	0.26
8355.53	2.89	2.65E+00	18.70	136.48	51.60	2.51	0.23
8369.55	2.82	2.63E+00	18.80	136.55	52.00	2.52	0.15
8384.56	2.77	2.58E+00	18.70	135.88	52.64	2.54	0.13
8399.61	2.82	2.58E+00	18.70	134.82	52.17	2.51	0.22
8414.62	2.86	2.61E+00	18.80	133.87	51.38	2.52	0.26
8429.62	2.84	2.59E+00	18.80	133.62	51.59	2.51	0.26
8444.62	2.75	2.56E+00	18.80	133.54	52.07	2.53	0.12
8459.66	2.81	2.60E+00	18.80	133.52	51.33	2.49	0.18
8474.69	2.78	2.59E+00	18.80	133.95	51.63	2.54	0.12
8489.74	2.93	2.67E+00	18.70	134.98	50.56	2.51	0.27
8504.75	2.92	2.66E+00	18.70	135.58	50.88	2.54	0.26

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
8519.75	2.94	2.68E+00	18.80	135.73	50.64	2.53	0.28
8534.76	2.81	2.61E+00	18.80	135.60	52.00	2.56	0.17
8549.75	2.84	2.61E+00	18.80	135.68	51.90	2.50	0.22
8564.75	2.91	2.66E+00	18.80	135.65	51.01	2.45	0.26
8579.75	2.91	2.65E+00	18.80	135.46	51.07	2.53	0.28
8594.75	2.90	2.66E+00	18.80	135.29	50.82	2.49	0.23
8609.75	2.80	2.60E+00	18.80	134.96	51.93	2.49	0.17
8624.75	2.89	2.64E+00	18.80	134.50	51.03	2.45	0.27
8639.75	2.80	2.60E+00	18.80	134.27	51.57	2.49	0.16
8654.75	2.89	2.64E+00	18.80	134.14	50.81	2.50	0.25
8669.75	2.85	2.62E+00	18.80	134.28	51.34	2.46	0.22
8684.75	2.90	2.63E+00	18.80	134.13	50.92	2.44	0.29
8699.75	2.79	2.58E+00	18.80	133.96	51.91	2.53	0.18
8714.75	2.84	2.62E+00	18.80	133.90	51.16	2.49	0.20
8729.75	2.94	2.67E+00	18.80	134.15	50.27	2.46	0.29
8744.75	2.94	2.70E+00	18.80	134.91	50.06	2.54	0.25
8759.75	2.91	2.66E+00	18.80	136.05	51.05	2.49	0.24
8774.75	2.97	2.71E+00	18.80	136.75	50.40	2.52	0.27
8789.75	2.97	2.70E+00	18.80	136.87	50.70	2.49	0.30
8804.75	2.88	2.64E+00	18.80	136.15	51.63	2.47	0.24
8819.75	2.88	2.64E+00	18.80	135.23	51.29	2.49	0.24
8834.75	2.91	2.65E+00	18.80	134.58	50.87	2.42	0.29
8849.75	2.81	2.59E+00	18.80	134.20	51.90	2.46	0.21
8864.75	2.81	2.60E+00	18.80	134.00	51.61	2.56	0.18
8879.75	2.83	2.60E+00	18.80	134.02	51.48	2.50	0.22
8894.75	2.87	2.62E+00	18.80	133.72	51.12	2.50	0.26
8909.75	2.90	2.64E+00	18.80	133.68	50.58	2.44	0.26
8924.75	2.93	2.67E+00	18.80	134.32	50.32	2.43	0.28
8939.75	2.82	2.63E+00	18.80	135.01	51.34	2.51	0.13
8954.75	2.92	2.68E+00	18.80	135.32	50.53	2.48	0.23
8969.75	2.97	2.71E+00	18.80	135.58	50.03	2.44	0.27
8984.76	2.89	2.66E+00	18.80	135.56	51.01	2.52	0.22
8999.77	2.93	2.68E+00	18.80	135.53	50.60	2.52	0.26
9014.80	2.91	2.69E+00	18.80	135.45	50.45	2.47	0.21
9029.80	2.94	2.68E+00	18.80	135.61	50.59	2.52	0.27
9044.83	2.92	2.68E+00	18.80	135.25	50.46	2.53	0.24
9059.84	2.77	2.58E+00	18.80	134.49	52.13	2.52	0.14
9074.89	2.89	2.64E+00	18.80	133.31	50.57	2.50	0.26
9089.97	2.86	2.63E+00	18.80	133.05	50.62	2.52	0.21
9105.01	2.87	2.64E+00	18.80	133.11	50.39	2.60	0.22
9120.05	2.92	2.66E+00	18.80	134.06	50.34	2.53	0.26
9135.05	2.86	2.65E+00	18.80	134.91	50.96	2.51	0.17
9150.05	2.92	2.69E+00	18.80	135.60	50.46	2.49	0.22
9165.06	2.96	2.70E+00	18.80	136.19	50.40	2.44	0.26
9180.11	2.87	2.65E+00	18.80	136.44	51.54	2.47	0.19
9195.12	2.94	2.68E+00	18.80	136.30	50.90	2.53	0.28
9210.17	2.87	2.65E+00	18.80	135.39	51.13	2.52	0.19
9225.19	2.85	2.62E+00	18.80	134.80	51.50	2.49	0.22
9240.22	2.85	2.63E+00	18.80	134.17	51.03	2.53	0.19
9255.22	2.93	2.67E+00	18.80	134.10	50.29	2.50	0.28
9270.22	2.94	2.68E+00	18.80	134.17	50.15	2.55	0.28

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
9285.21	2.86	2.64E+00	18.70	133.99	50.72	2.52	0.18
9300.22	2.93	2.67E+00	18.80	134.01	50.15	2.52	0.28
9315.22	2.94	2.68E+00	18.80	133.81	50.00	2.53	0.28
9330.21	2.91	2.67E+00	18.80	134.48	50.43	2.56	0.24
9345.22	2.93	2.70E+00	18.80	135.21	49.99	2.52	0.20
9360.22	2.95	2.71E+00	18.80	135.38	49.92	2.57	0.24
9375.22	2.85	2.66E+00	18.80	135.54	50.97	2.57	0.14
9390.22	2.98	2.73E+00	18.70	135.64	49.77	2.55	0.27
9405.22	2.86	2.64E+00	18.80	135.61	51.32	2.49	0.18
9420.23	2.92	2.68E+00	18.80	135.45	50.53	2.54	0.23
9435.25	2.88	2.65E+00	18.80	135.49	51.05	2.57	0.20
9450.25	2.95	2.71E+00	18.80	135.23	49.97	2.48	0.25
9465.25	2.78	2.60E+00	18.80	134.89	51.79	2.60	0.10
9480.25	2.93	2.68E+00	18.70	134.26	50.06	2.58	0.26
9495.25	2.80	2.59E+00	18.70	133.88	51.64	2.52	0.16
9510.25	2.91	2.67E+00	18.80	133.50	49.98	2.51	0.23
9525.25	2.90	2.65E+00	18.80	133.59	50.38	2.53	0.25
9540.25	2.86	2.66E+00	18.80	134.40	50.57	2.53	0.16
9555.25	2.90	2.67E+00	18.80	135.44	50.78	2.55	0.21
9570.25	2.94	2.70E+00	18.70	135.81	50.29	2.49	0.24
9585.30	2.84	2.65E+00	18.80	135.98	51.26	2.51	0.13
9600.31	2.86	2.67E+00	18.80	140.35	52.50	2.57	0.14
9615.31	2.90	2.67E+00	18.80	131.98	49.44	2.59	0.22
9630.36	2.98	2.71E+00	18.80	133.74	49.36	2.52	0.29
9645.37	2.83	2.64E+00	18.80	134.07	50.75	2.52	0.14
9660.39	2.90	2.67E+00	18.80	134.26	50.33	2.58	0.21
9675.42	2.95	2.71E+00	18.70	134.31	49.57	2.61	0.24
9690.45	2.86	2.67E+00	18.80	134.50	50.36	2.51	0.14
9705.51	2.97	2.73E+00	18.80	135.13	49.54	2.61	0.24
9720.51	2.89	2.70E+00	18.80	135.93	50.43	2.61	0.14
9735.51	2.88	2.69E+00	18.80	136.39	50.79	2.55	0.15
9750.56	2.96	2.71E+00	18.80	136.33	50.27	2.60	0.25
9765.56	2.95	2.71E+00	18.70	136.11	50.15	2.57	0.23
9779.61	2.81	2.61E+00	18.80	134.84	51.59	2.63	0.15
9794.64	2.96	2.69E+00	18.80	134.12	49.90	2.55	0.29
9809.69	2.83	2.64E+00	18.80	133.69	50.73	2.56	0.15
9824.70	2.91	2.68E+00	18.80	133.62	49.90	2.60	0.21
9839.70	2.94	2.69E+00	18.80	133.65	49.66	2.57	0.26
9854.75	2.89	2.68E+00	18.80	134.57	50.12	2.59	0.17
9869.75	2.85	2.67E+00	18.80	135.38	50.70	2.51	0.12
9884.75	3.01	2.75E+00	18.70	135.99	49.39	2.56	0.27
9899.75	2.87	2.66E+00	18.80	135.92	51.07	2.62	0.17
9914.75	2.89	2.67E+00	18.80	135.89	50.86	2.60	0.19
9929.75	2.97	2.73E+00	18.80	135.87	49.80	2.61	0.24
9944.76	2.84	2.64E+00	18.80	135.72	51.32	2.56	0.14
9959.75	2.94	2.69E+00	18.80	135.50	50.42	2.62	0.26
9974.77	2.95	2.70E+00	18.80	134.68	49.85	2.61	0.24
9989.85	2.93	2.69E+00	18.80	134.52	49.98	2.60	0.23
10004.87	2.82	2.63E+00	18.80	134.41	51.03	2.58	0.13
10019.90	2.88	2.67E+00	18.80	134.40	50.37	2.55	0.18
10034.89	2.83	2.63E+00	18.80	134.25	50.99	2.57	0.15

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
10049.94	2.82	2.62E+00	18.80	134.40	51.24	2.61	0.14
10064.96	2.94	2.69E+00	18.80	134.48	49.98	2.60	0.26
10079.97	2.92	2.69E+00	18.80	134.21	49.92	2.58	0.22
10094.97	2.92	2.68E+00	18.80	134.50	50.12	2.57	0.23
10109.97	2.91	2.67E+00	18.80	134.47	50.38	2.63	0.23
10124.97	2.83	2.66E+00	18.80	134.58	50.59	2.58	0.10
10140.00	2.87	2.67E+00	18.80	134.96	50.52	2.61	0.16
10155.04	2.98	2.72E+00	18.80	135.20	49.65	2.60	0.27
10170.08	2.88	2.67E+00	18.80	135.30	50.62	2.54	0.17
10185.08	2.95	2.72E+00	18.80	135.15	49.75	2.63	0.23
10200.11	3.02	2.76E+00	18.80	135.27	49.10	2.55	0.28
10215.11	2.93	2.69E+00	18.80	135.18	50.22	2.55	0.24
10230.13	2.84	2.65E+00	18.80	135.18	51.04	2.61	0.14
10245.16	2.92	2.69E+00	18.80	135.39	50.24	2.63	0.21
10260.17	2.95	2.71E+00	18.80	135.64	50.06	2.63	0.25
10275.21	3.01	2.75E+00	18.80	135.66	49.34	2.60	0.28
10290.22	2.89	2.67E+00	18.80	135.59	50.77	2.58	0.19
10305.22	2.90	2.68E+00	18.80	135.60	50.62	2.58	0.21
10320.22	2.89	2.68E+00	18.80	134.99	50.36	2.59	0.18
10335.22	2.84	2.65E+00	18.80	134.49	50.77	2.51	0.13
10350.22	2.85	2.64E+00	18.80	134.05	50.84	2.57	0.19
10365.22	2.89	2.69E+00	18.80	133.87	49.85	2.62	0.16
10380.24	2.94	2.68E+00	18.80	133.92	49.88	2.60	0.26
10395.26	2.88	2.66E+00	18.80	133.56	50.28	2.61	0.19
10410.32	2.85	2.67E+00	18.80	134.06	50.30	2.61	0.12
10425.35	2.96	2.71E+00	18.80	135.08	49.81	2.55	0.25
10440.35	2.91	2.71E+00	18.80	135.66	50.07	2.58	0.15
10455.35	2.99	2.74E+00	18.80	136.31	49.82	2.63	0.26
10470.35	2.91	2.70E+00	18.80	136.14	50.33	2.63	0.17
10485.35	2.90	2.68E+00	18.80	136.00	50.70	2.55	0.19
10500.36	2.95	2.69E+00	18.80	135.88	50.44	2.63	0.26
10515.36	2.85	2.67E+00	18.80	135.44	50.81	2.57	0.12
10530.36	2.96	2.71E+00	18.80	135.11	49.78	2.60	0.26
10545.36	2.83	2.64E+00	18.80	134.59	50.97	2.58	0.13
10560.36	2.96	2.69E+00	18.80	134.19	49.81	2.58	0.29
10575.36	2.89	2.67E+00	18.80	134.18	50.34	2.57	0.20
10590.36	2.86	2.65E+00	18.80	134.30	50.69	2.56	0.17
10605.38	2.93	2.69E+00	18.80	134.27	49.91	2.56	0.23
10620.40	2.88	2.67E+00	18.80	134.33	50.32	2.63	0.17
10635.42	2.87	2.67E+00	18.80	134.25	50.32	2.59	0.17
10650.49	2.96	2.71E+00	18.80	134.89	49.80	2.58	0.25
10665.49	2.90	2.70E+00	18.80	135.34	50.18	2.64	0.16
10680.51	2.97	2.73E+00	18.80	135.90	49.81	2.55	0.24
10695.50	2.89	2.69E+00	18.80	136.29	50.62	2.49	0.15
10710.51	2.90	2.71E+00	18.80	136.55	50.41	2.54	0.14
10725.50	2.87	2.67E+00	18.80	136.43	51.00	2.59	0.16
10740.51	2.92	2.69E+00	18.80	135.04	50.23	2.55	0.23
10755.50	2.87	2.66E+00	18.80	134.27	50.43	2.58	0.18
10770.52	2.95	2.71E+00	18.80	133.75	49.42	2.61	0.25
10785.53	2.85	2.65E+00	18.80	133.80	50.57	2.62	0.16
10800.58	2.93	2.70E+00	18.80	133.78	49.61	2.55	0.23

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%]*	*dP membrane [bar]*
10815.60	2.99	2.75E+00	18.80	134.32	48.90	2.54	0.26
10830.61	2.96	2.71E+00	18.80	135.09	49.82	2.64	0.25
10845.64	2.87	2.69E+00	18.80	135.54	50.46	2.59	0.12
10859.68	2.97	2.72E+00	18.80	135.58	49.77	2.52	0.24
10875.67	2.89	2.68E+00	18.80	135.84	50.60	2.55	0.17
10889.69	2.96	2.71E+00	18.80	135.96	50.25	2.66	0.27
10904.69	2.83	2.66E+00	18.90	135.71	50.96	2.51	0.10
10919.69	2.90	2.69E+00	18.90	135.81	50.40	2.54	0.17
10934.73	2.85	2.65E+00	18.90	135.49	51.15	2.59	0.16
10949.75	2.84	2.64E+00	18.90	135.18	51.19	2.55	0.16
10964.78	2.93	2.69E+00	18.80	133.94	49.76	2.53	0.23
10979.78	2.82	2.62E+00	18.80	133.36	50.96	2.60	0.17
10994.83	2.86	2.66E+00	18.90	133.36	50.22	2.59	0.16
11009.89	2.92	2.68E+00	18.90	133.30	49.79	2.61	0.24
11024.91	2.93	2.73E+00	18.90	134.59	49.33	2.56	0.16
11039.91	2.90	2.71E+00	18.90	135.73	50.00	2.57	0.14
11054.95	2.88	2.70E+00	18.80	136.60	50.59	2.54	0.12
11069.97	2.92	2.70E+00	18.80	136.71	50.72	2.57	0.20
11084.97	2.87	2.65E+00	18.90	135.31	51.15	2.61	0.20
11099.98	2.85	2.65E+00	18.90	134.55	50.84	2.55	0.17