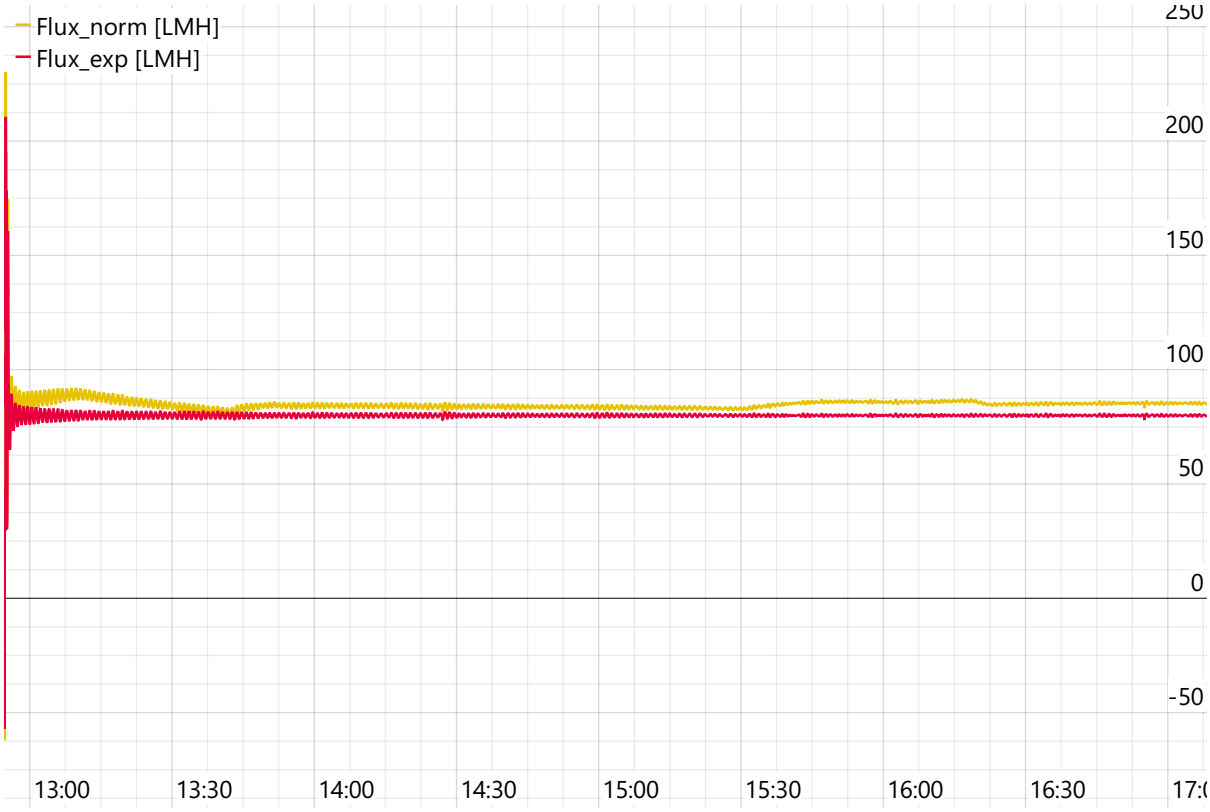
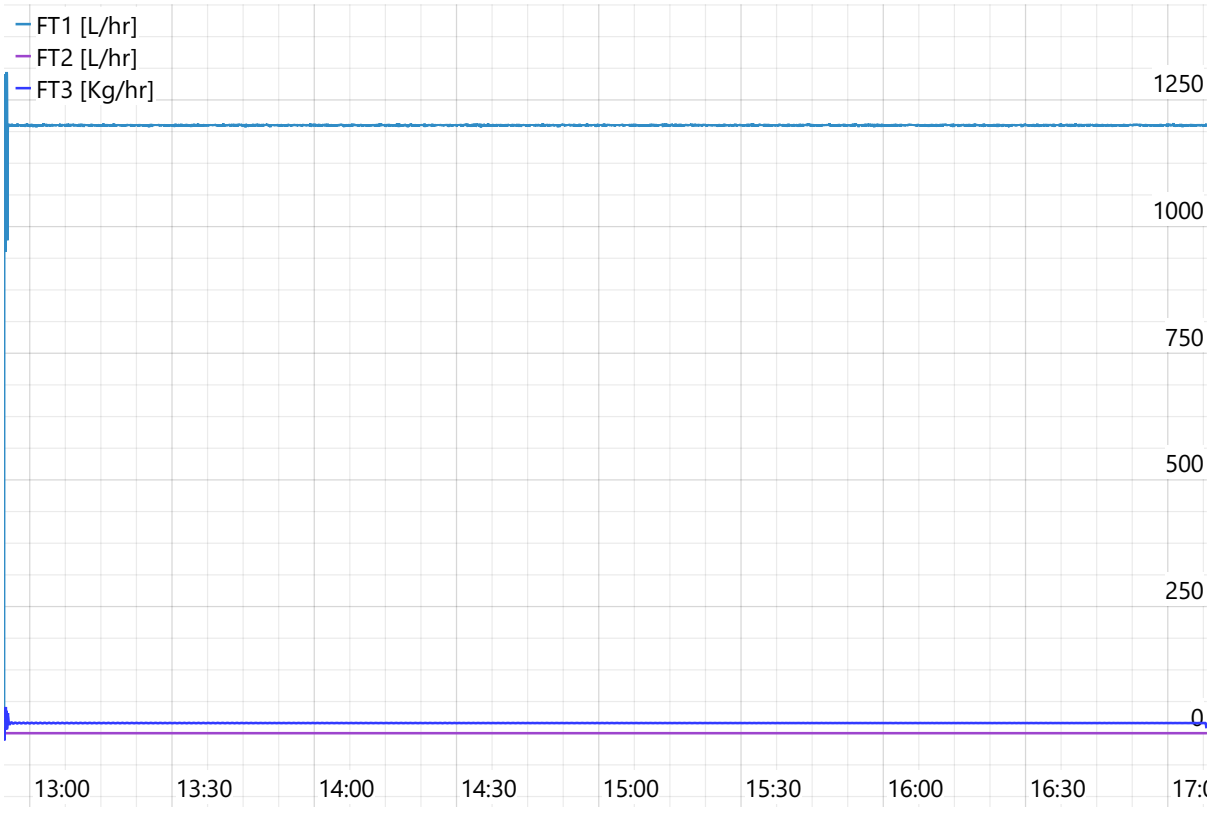
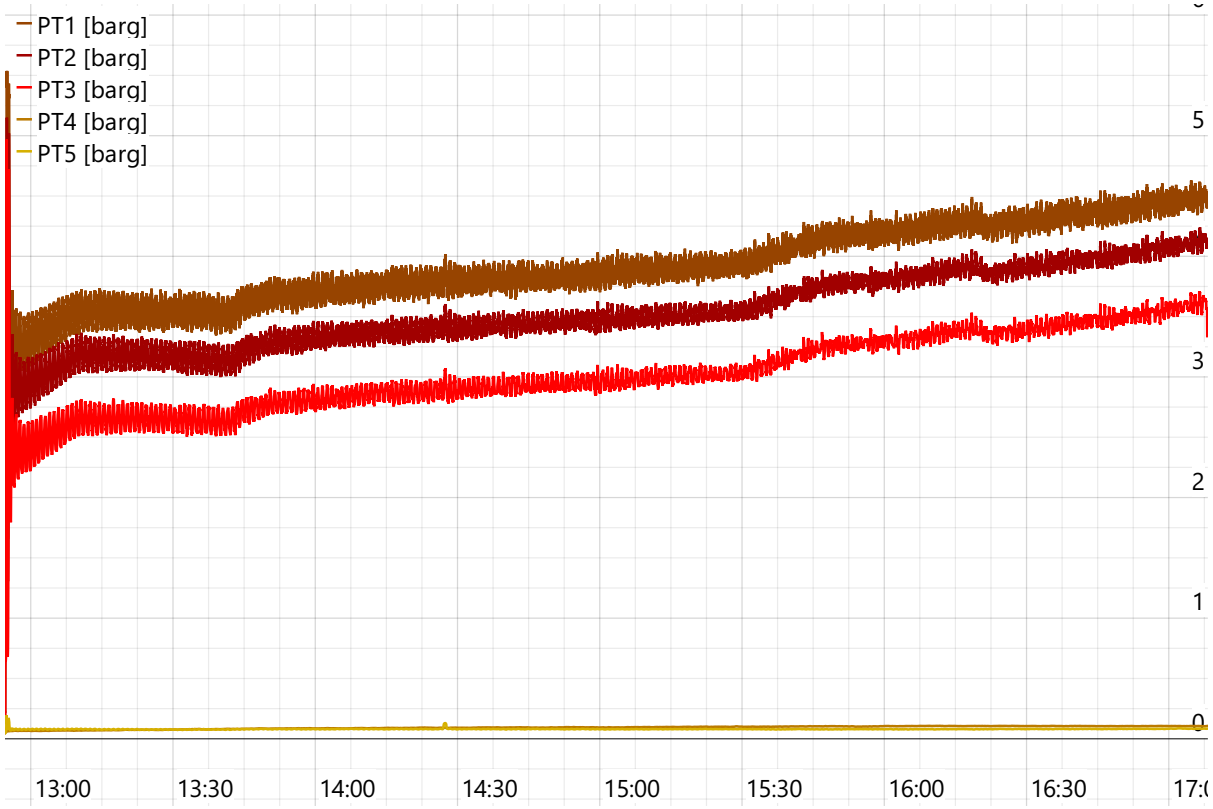
Recirculation report



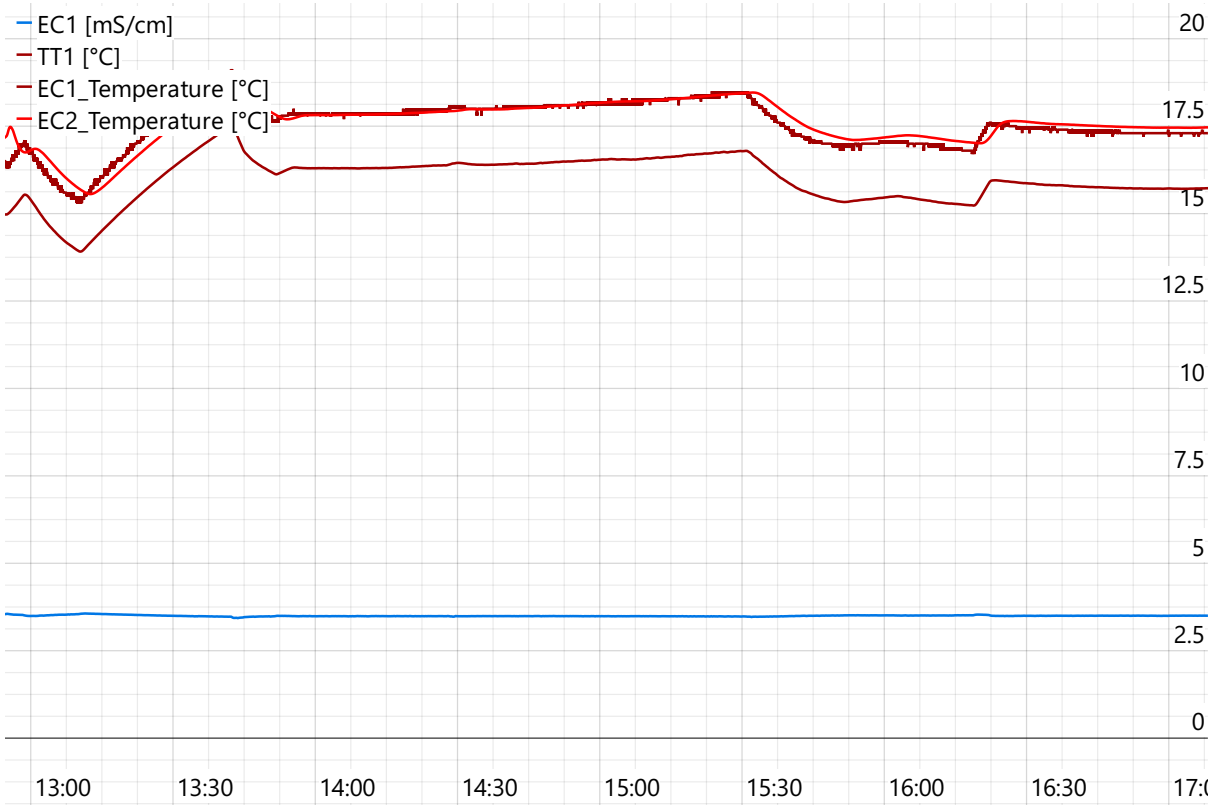
FLUX



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]*
89.06	3.32	2.98E+00	16.50	88.21	29.59	23.34	0.49

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
104.06	2.82	2.46E+00	16.70	80.14	32.51	15.98	0.55
119.08	2.60	2.27E+00	16.70	73.24	32.22	6.78	0.51
134.16	3.17	2.82E+00	16.60	83.82	29.69	3.97	0.52
149.16	2.97	2.59E+00	16.70	82.82	31.93	2.35	0.60
164.15	2.67	2.35E+00	16.80	75.75	32.27	1.54	0.52
179.15	3.06	2.73E+00	16.80	80.78	29.63	1.49	0.50
194.17	3.14	2.80E+00	17.00	84.71	30.29	0.57	0.52
209.17	2.73	2.39E+00	17.00	77.87	32.58	-0.03	0.53
224.17	2.77	2.46E+00	17.00	75.85	30.88	-0.30	0.47
239.18	3.12	2.78E+00	17.00	83.06	29.90	-0.92	0.52
254.18	2.88	2.54E+00	17.10	81.43	32.09	-1.18	0.54
269.18	2.73	2.40E+00	17.00	76.57	31.89	-1.35	0.52
284.18	3.05	2.73E+00	17.00	80.61	29.52	-1.70	0.48
299.18	3.13	2.78E+00	16.80	84.12	30.30	-1.67	0.54
314.18	2.80	2.45E+00	16.90	78.07	31.86	-1.77	0.55
329.18	2.84	2.50E+00	16.70	75.98	30.40	-1.67	0.52
344.18	3.16	2.81E+00	16.70	82.74	29.40	-1.68	0.52
359.18	2.96	2.61E+00	16.60	81.63	31.29	-1.45	0.56
374.18	2.78	2.45E+00	16.60	76.82	31.39	-1.53	0.51
389.18	3.07	2.75E+00	16.50	80.13	29.16	-1.50	0.48
404.18	3.16	2.81E+00	16.60	83.57	29.71	-1.52	0.52
419.18	2.84	2.50E+00	16.30	78.64	31.49	-1.29	0.54
434.18	2.81	2.49E+00	16.30	76.34	30.69	-1.01	0.49
449.18	3.16	2.83E+00	16.50	81.97	28.99	-0.92	0.50
464.18	3.06	2.71E+00	16.40	82.72	30.53	-0.92	0.55
479.18	2.88	2.53E+00	16.30	77.91	30.81	-0.96	0.56
494.18	2.97	2.65E+00	16.30	77.70	29.34	-0.98	0.49
509.18	3.20	2.85E+00	16.20	82.47	28.94	-1.06	0.52
524.18	2.98	2.63E+00	16.20	80.86	30.72	-0.78	0.53
539.18	2.85	2.53E+00	16.10	77.18	30.52	-0.81	0.50
554.18	3.11	2.80E+00	16.10	79.79	28.49	-0.87	0.47
569.18	3.22	2.88E+00	16.00	83.04	28.87	-0.76	0.52
584.18	2.96	2.60E+00	16.00	79.28	30.47	-0.64	0.57
599.18	2.90	2.56E+00	16.00	76.90	30.04	-0.90	0.52
614.18	3.24	2.87E+00	15.90	81.37	28.32	-0.76	0.56
629.18	3.17	2.81E+00	15.80	82.78	29.48	-0.63	0.57
644.18	2.92	2.58E+00	15.80	78.31	30.36	-0.73	0.53
659.18	3.04	2.71E+00	15.80	77.39	28.61	-0.73	0.52
674.17	3.24	2.90E+00	15.80	81.98	28.22	-0.64	0.51
689.18	3.07	2.73E+00	15.80	81.49	29.85	-0.63	0.52
704.17	2.94	2.61E+00	15.70	77.84	29.86	-0.64	0.51
719.18	3.14	2.82E+00	15.60	79.10	28.08	-0.67	0.49
734.17	3.25	2.90E+00	15.60	82.45	28.40	-0.68	0.53
749.17	3.03	2.67E+00	15.60	79.96	29.90	-0.85	0.56
764.17	3.00	2.66E+00	15.60	77.64	29.21	-0.73	0.53
779.17	3.20	2.87E+00	15.60	79.89	27.84	-0.83	0.50
794.17	3.26	2.93E+00	15.60	82.34	28.14	-0.69	0.50
809.17	3.06	2.71E+00	15.50	79.67	29.43	-0.73	0.55
824.18	2.99	2.67E+00	15.50	77.67	29.12	-0.69	0.50
839.17	3.28	2.93E+00	15.50	80.55	27.47	-0.66	0.53
854.17	3.28	2.93E+00	15.50	82.56	28.22	-0.73	0.54

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
869.17	3.05	2.70E+00	15.50	79.15	29.36	-0.72	0.55
884.17	3.04	2.70E+00	15.40	77.50	28.70	-0.76	0.53
899.17	3.28	2.93E+00	15.40	80.84	27.59	-0.61	0.53
914.17	3.26	2.89E+00	15.40	82.34	28.45	-0.67	0.56
929.17	3.07	2.71E+00	15.30	78.72	29.01	-0.69	0.56
944.17	3.14	2.81E+00	15.40	77.76	27.72	-0.55	0.51
959.17	3.31	2.98E+00	15.40	81.52	27.38	-0.44	0.51
974.17	3.20	2.84E+00	15.40	81.60	28.70	-0.39	0.56
989.17	3.07	2.73E+00	15.50	78.62	28.83	-0.38	0.53
1004.17	3.18	2.83E+00	15.50	78.50	27.72	-0.31	0.54
1019.18	3.33	2.97E+00	15.50	81.62	27.45	-0.30	0.54
1034.17	3.15	2.81E+00	15.60	80.98	28.85	-0.37	0.53
1049.17	3.07	2.72E+00	15.60	78.38	28.80	-0.50	0.54
1064.18	3.19	2.87E+00	15.60	78.99	27.54	-0.67	0.49
1079.17	3.34	2.99E+00	15.70	81.79	27.38	-0.68	0.53
1094.17	3.12	2.79E+00	15.80	80.90	29.01	-0.76	0.51
1109.18	3.07	2.72E+00	15.80	78.08	28.75	-0.82	0.56
1124.17	3.23	2.90E+00	15.90	79.55	27.39	-0.87	0.49
1139.19	3.29	2.95E+00	15.80	81.96	27.81	-1.03	0.53
1154.19	3.10	2.75E+00	15.80	80.18	29.16	-0.97	0.55
1169.30	3.05	2.71E+00	15.80	78.14	28.82	-0.95	0.53
1184.33	3.25	2.91E+00	16.00	79.70	27.42	-1.03	0.52
1199.37	3.32	2.97E+00	16.00	81.93	27.55	-0.99	0.54
1214.42	3.10	2.76E+00	16.00	80.05	28.99	-1.05	0.54
1229.48	3.07	2.73E+00	16.10	78.15	28.67	-1.08	0.54
1244.53	3.23	2.89E+00	16.10	79.78	27.58	-1.07	0.52
1259.60	3.31	2.96E+00	16.20	81.91	27.68	-1.06	0.55
1274.63	3.10	2.75E+00	16.10	80.08	29.14	-1.06	0.55
1289.65	3.05	2.72E+00	16.20	78.10	28.75	-1.06	0.52
1304.68	3.27	2.92E+00	16.30	79.90	27.39	-1.07	0.55
1319.80	3.28	2.93E+00	16.30	81.93	27.94	-1.08	0.53
1334.91	3.10	2.76E+00	16.30	79.92	29.00	-1.18	0.55
1349.93	3.04	2.72E+00	16.30	77.95	28.70	-1.06	0.51
1364.98	3.27	2.94E+00	16.30	80.01	27.22	-1.12	0.50
1380.06	3.29	2.94E+00	16.40	82.36	28.01	-1.04	0.53
1395.10	3.09	2.74E+00	16.50	79.66	29.11	-1.07	0.56
1410.13	3.08	2.74E+00	16.50	78.04	28.52	-1.11	0.54
1425.13	3.31	2.95E+00	16.50	80.33	27.21	-1.10	0.55
1440.13	3.31	2.95E+00	16.50	81.89	27.75	-1.14	0.54
1455.13	3.09	2.75E+00	16.50	79.61	28.94	-1.07	0.53
1470.13	3.04	2.71E+00	16.50	77.79	28.69	-1.03	0.51
1485.13	3.27	2.95E+00	16.60	80.48	27.31	-1.03	0.48
1500.13	3.25	2.92E+00	16.70	82.29	28.21	-1.09	0.51
1515.13	3.08	2.73E+00	16.70	79.20	28.98	-1.08	0.54
1530.13	3.08	2.75E+00	16.70	77.93	28.29	-1.01	0.49
1545.13	3.30	2.96E+00	16.90	80.81	27.32	-1.06	0.53
1560.13	3.24	2.90E+00	16.80	81.90	28.28	-1.05	0.52
1575.13	3.08	2.75E+00	16.80	79.30	28.89	-1.06	0.52
1590.13	3.07	2.74E+00	16.80	78.04	28.49	-1.01	0.51
1605.13	3.30	2.96E+00	16.90	80.70	27.30	-1.03	0.53
1620.13	3.27	2.92E+00	17.00	81.93	28.02	-1.03	0.54

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
1635.13	3.11	2.76E+00	17.00	79.41	28.80	-1.02	0.55
1650.13	3.09	2.76E+00	17.00	77.99	28.26	-0.98	0.52
1665.13	3.29	2.96E+00	17.00	80.76	27.30	-1.09	0.51
1680.13	3.27	2.92E+00	17.10	82.04	28.07	-1.03	0.54
1695.13	3.08	2.74E+00	17.10	79.25	28.91	-1.04	0.53
1710.13	3.10	2.75E+00	17.10	78.06	28.38	-1.01	0.54
1725.13	3.31	2.96E+00	17.10	80.75	27.28	-0.97	0.54
1740.13	3.23	2.90E+00	17.20	81.89	28.24	-1.07	0.52
1755.13	3.07	2.75E+00	17.20	79.39	28.89	-1.10	0.49
1770.13	3.09	2.77E+00	17.20	78.18	28.25	-0.99	0.49
1785.13	3.30	2.94E+00	17.30	80.82	27.47	-1.02	0.56
1800.13	3.25	2.90E+00	17.30	81.79	28.16	-0.96	0.55
1815.13	3.07	2.74E+00	17.30	79.42	29.02	-0.97	0.53
1829.14	3.05	2.73E+00	17.40	78.20	28.61	-0.98	0.50
1844.14	3.27	2.93E+00	17.40	80.41	27.43	-0.94	0.52
1859.14	3.27	2.92E+00	17.40	81.96	28.10	-1.01	0.55
1874.14	3.06	2.73E+00	17.50	79.39	29.07	-0.97	0.52
1889.14	3.11	2.76E+00	17.50	78.16	28.28	-0.98	0.54
1904.14	3.26	2.93E+00	17.50	80.69	27.57	-0.97	0.51
1919.14	3.27	2.91E+00	17.60	81.84	28.09	-1.09	0.55
1934.14	3.07	2.74E+00	17.60	79.38	29.02	-1.06	0.53
1949.14	3.07	2.74E+00	17.60	78.18	28.53	-0.95	0.51
1964.14	3.24	2.92E+00	17.60	80.34	27.54	-0.94	0.49
1979.14	3.27	2.93E+00	17.60	82.01	28.03	-1.02	0.53
1994.14	3.06	2.73E+00	17.70	79.57	29.17	-1.13	0.52
2009.14	3.04	2.72E+00	17.70	78.09	28.76	-0.98	0.49
2024.14	3.28	2.94E+00	17.80	80.60	27.43	-0.96	0.52
2039.14	3.23	2.90E+00	17.70	81.83	28.21	-0.91	0.50
2054.14	3.06	2.73E+00	17.80	79.47	29.07	-1.03	0.50
2069.14	3.11	2.77E+00	17.80	78.37	28.28	-1.01	0.53
2084.14	3.24	2.92E+00	17.80	80.35	27.56	-0.92	0.49
2099.14	3.29	2.94E+00	17.80	81.66	27.82	-0.96	0.55
2114.14	3.09	2.76E+00	17.90	79.87	28.96	-0.95	0.52
2129.14	3.08	2.75E+00	18.00	78.37	28.54	-0.96	0.52
2144.14	3.27	2.92E+00	17.90	80.30	27.51	-0.92	0.54
2159.14	3.24	2.90E+00	18.00	81.57	28.12	-0.95	0.52
2174.14	3.08	2.73E+00	18.00	79.78	29.19	-0.93	0.53
2189.14	3.06	2.74E+00	18.10	78.32	28.59	-0.87	0.50
2204.14	3.24	2.90E+00	18.10	79.95	27.57	-0.96	0.51
2219.13	3.27	2.94E+00	18.10	81.75	27.84	-0.89	0.50
2234.13	3.08	2.75E+00	18.10	80.13	29.12	-0.93	0.51
2249.13	3.03	2.72E+00	18.10	78.29	28.74	-0.96	0.47
2264.13	3.20	2.87E+00	18.10	79.68	27.72	-0.96	0.49
2279.13	3.28	2.95E+00	18.30	81.73	27.75	-0.92	0.51
2294.13	3.08	2.75E+00	18.30	80.15	29.13	-0.89	0.50
2309.13	3.02	2.70E+00	18.30	78.09	28.92	-0.87	0.50
2324.13	3.23	2.90E+00	18.30	79.89	27.53	-0.98	0.49
2339.13	3.27	2.94E+00	18.30	81.78	27.85	-1.01	0.50
2354.13	3.09	2.76E+00	18.30	80.00	28.96	-1.01	0.52
2369.13	3.06	2.72E+00	18.30	78.19	28.73	-0.86	0.54
2384.13	3.25	2.92E+00	18.40	80.07	27.38	-1.00	0.50

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%] [bar]	dP membrane
2399.13	3.29	2.94E+00	18.40	81.77	27.84	-0.96	0.55
2414.13	3.09	2.74E+00	18.50	79.91	29.14	-0.92	0.55
2429.13	3.04	2.72E+00	18.50	78.43	28.79	-1.16	0.49
2444.13	3.22	2.90E+00	18.50	80.00	27.58	-0.79	0.48
2459.13	3.29	2.94E+00	18.50	81.76	27.84	-0.83	0.54
2474.13	3.08	2.74E+00	18.50	80.01	29.21	-0.82	0.54
2489.13	3.02	2.70E+00	18.60	78.25	28.97	-0.76	0.49
2504.13	3.22	2.89E+00	18.60	79.83	27.65	-0.79	0.51
2519.13	3.26	2.93E+00	18.60	81.83	27.94	-0.83	0.49
2534.13	3.09	2.75E+00	18.60	80.11	29.16	-0.75	0.53
2549.13	3.05	2.72E+00	18.60	78.46	28.85	-0.80	0.51
2564.13	3.22	2.89E+00	18.70	79.59	27.51	-0.82	0.49
2579.13	3.24	2.90E+00	18.80	81.54	28.07	-0.85	0.52
2594.13	3.09	2.75E+00	18.80	80.53	29.29	-0.76	0.52
2609.13	3.04	2.72E+00	18.80	78.66	28.96	-0.77	0.51
2624.13	3.17	2.85E+00	18.80	79.25	27.79	-0.83	0.48
2639.13	3.24	2.91E+00	18.80	81.37	27.99	-0.84	0.51
2654.13	3.12	2.78E+00	18.80	80.83	29.04	-1.03	0.52
2669.13	3.02	2.69E+00	18.80	78.60	29.23	-0.78	0.51
2684.13	3.20	2.86E+00	18.90	79.08	27.61	-0.74	0.51
2699.13	3.26	2.93E+00	18.90	81.46	27.80	-0.79	0.51
2714.13	3.11	2.77E+00	19.00	80.79	29.18	-0.77	0.54
2729.13	3.02	2.69E+00	19.00	78.63	29.18	-0.73	0.50
2744.13	3.19	2.85E+00	19.00	79.17	27.79	-0.77	0.51
2759.13	3.22	2.90E+00	19.00	81.36	28.06	-0.70	0.49
2774.13	3.09	2.75E+00	19.00	80.80	29.39	-0.87	0.54
2789.13	3.05	2.71E+00	19.00	78.78	29.07	-0.77	0.54
2804.13	3.16	2.83E+00	19.10	78.88	27.87	-0.84	0.51
2819.13	3.24	2.90E+00	19.10	81.10	27.92	-0.80	0.51
2834.13	3.14	2.80E+00	19.00	81.21	29.01	-0.82	0.52
2849.13	3.06	2.71E+00	19.10	78.92	29.07	-0.67	0.54
2864.13	3.11	2.79E+00	19.10	78.55	28.11	-0.76	0.49
2879.13	3.26	2.91E+00	19.10	81.12	27.90	-1.51	0.54
2894.13	3.14	2.82E+00	19.00	81.24	28.83	-1.76	0.49
2909.13	3.03	2.72E+00	18.90	78.77	28.96	-1.61	0.48
2924.13	3.18	2.85E+00	18.80	78.69	27.57	-1.55	0.49
2939.13	3.29	2.96E+00	18.60	81.10	27.42	-1.79	0.50
2954.13	3.16	2.84E+00	18.60	81.10	28.52	-1.49	0.47
2969.13	3.05	2.74E+00	18.50	78.70	28.70	-1.23	0.46
2984.13	3.25	2.91E+00	18.40	79.01	27.13	-1.26	0.52
2999.13	3.30	2.97E+00	18.30	80.98	27.30	-0.95	0.52
3014.13	3.25	2.91E+00	18.30	81.26	27.95	-0.59	0.53
3029.14	3.09	2.78E+00	18.20	78.88	28.36	-0.41	0.47
3044.13	3.23	2.90E+00	18.20	78.82	27.23	-0.38	0.50
3059.13	3.34	3.00E+00	18.30	81.16	27.05	-0.28	0.52
3074.13	3.24	2.89E+00	18.20	81.12	28.06	-0.18	0.54
3090.13	3.10	2.79E+00	18.10	78.88	28.32	-0.09	0.48
3105.13	3.26	2.94E+00	18.10	79.03	26.89	-0.13	0.48
3120.13	3.32	2.99E+00	18.10	81.09	27.16	-0.20	0.49
3135.13	3.20	2.88E+00	18.00	80.77	28.03	-0.07	0.49
3150.13	3.14	2.82E+00	18.00	78.63	27.89	-0.27	0.49

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
3165.13	3.31	2.98E+00	18.00	79.78	26.77	-0.50	0.50
3180.13	3.30	2.97E+00	18.00	80.96	27.26	-0.25	0.50
3195.13	3.23	2.90E+00	18.00	80.98	27.91	-0.27	0.49
3210.13	3.17	2.83E+00	18.00	78.99	27.94	-0.32	0.52
3225.13	3.25	2.92E+00	17.80	79.01	27.03	-0.27	0.49
3240.13	3.31	2.99E+00	17.80	80.84	27.01	-0.25	0.47
3255.13	3.26	2.94E+00	17.90	80.94	27.56	-0.62	0.49
3270.13	3.18	2.85E+00	17.80	79.16	27.81	-0.36	0.51
3285.13	3.30	2.97E+00	17.80	79.31	26.67	-0.41	0.49
3300.13	3.38	3.04E+00	17.80	80.85	26.59	-0.40	0.52
3315.13	3.27	2.93E+00	17.80	80.64	27.48	-0.40	0.52
3330.14	3.20	2.86E+00	17.80	79.04	27.61	-0.52	0.51
3345.13	3.28	2.97E+00	17.70	79.20	26.71	-0.35	0.46
3360.13	3.36	3.03E+00	17.80	81.38	26.86	-0.83	0.49
3375.12	3.23	2.90E+00	17.70	80.19	27.66	-0.62	0.50
3390.12	3.22	2.88E+00	17.70	78.82	27.33	-0.59	0.52
3405.12	3.34	3.01E+00	17.70	79.79	26.49	-0.51	0.49
3420.12	3.39	3.04E+00	17.60	81.28	26.70	-0.39	0.53
3435.12	3.22	2.89E+00	17.60	79.96	27.66	-0.23	0.51
3450.12	3.23	2.89E+00	17.70	78.87	27.28	-0.21	0.52
3465.12	3.34	3.01E+00	17.80	80.24	26.62	-0.16	0.49
3480.12	3.35	3.00E+00	17.80	81.27	27.08	-0.34	0.54
3495.12	3.19	2.87E+00	17.80	79.78	27.75	-0.32	0.48
3510.12	3.20	2.88E+00	17.80	78.85	27.35	-0.31	0.47
3525.12	3.34	3.03E+00	17.80	80.17	26.49	-0.46	0.46
3540.12	3.38	3.03E+00	17.80	81.29	26.80	-0.45	0.52
3555.12	3.24	2.89E+00	17.80	79.91	27.65	-0.43	0.55
3570.12	3.21	2.89E+00	17.80	78.73	27.27	-0.69	0.48
3585.12	3.36	3.03E+00	17.80	79.99	26.38	-0.58	0.49
3600.12	3.34	3.02E+00	17.90	80.89	26.75	-0.66	0.46
3615.12	3.31	2.97E+00	17.80	80.75	27.15	-0.68	0.52
3630.12	3.19	2.88E+00	17.80	79.04	27.47	-0.98	0.48
3645.12	3.33	2.99E+00	17.90	79.13	26.46	-0.69	0.52
3660.12	3.37	3.04E+00	17.90	80.97	26.68	-0.83	0.51
3675.12	3.33	2.98E+00	17.90	81.03	27.21	-0.82	0.54
3690.12	3.18	2.86E+00	17.90	79.02	27.59	-0.81	0.48
3705.12	3.30	2.98E+00	17.90	79.03	26.48	-0.85	0.45
3720.12	3.42	3.07E+00	17.80	80.98	26.40	-0.87	0.53
3735.12	3.28	2.94E+00	17.80	80.75	27.47	-0.72	0.53
3750.12	3.21	2.89E+00	17.80	79.17	27.41	-0.76	0.50
3765.12	3.29	2.96E+00	17.80	79.01	26.72	-0.66	0.51
3780.12	3.42	3.07E+00	17.80	80.87	26.31	-0.59	0.52
3795.12	3.27	2.95E+00	17.80	80.61	27.37	-0.72	0.49
3810.12	3.22	2.90E+00	17.80	79.13	27.32	-0.61	0.50
3825.12	3.31	2.99E+00	17.80	79.23	26.54	-0.74	0.48
3840.12	3.39	3.06E+00	17.80	80.90	26.43	-0.63	0.50
3855.12	3.30	2.97E+00	17.90	80.76	27.16	-0.49	0.49
3870.12	3.25	2.92E+00	17.90	79.14	27.09	-0.62	0.50
3885.12	3.30	2.97E+00	17.90	78.91	26.56	-0.66	0.50
3900.12	3.43	3.10E+00	17.80	81.17	26.19	-0.68	0.50
3915.12	3.30	2.95E+00	17.80	80.59	27.29	-0.64	0.54

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
3930.12	3.24	2.90E+00	17.80	79.13	27.24	-0.78	0.52
3945.12	3.33	3.01E+00	17.90	79.21	26.31	-0.68	0.48
3960.12	3.44	3.09E+00	17.80	81.02	26.20	-0.73	0.52
3975.12	3.32	2.97E+00	17.80	80.55	27.08	-0.71	0.53
3990.12	3.26	2.92E+00	17.80	79.11	27.08	-0.66	0.53
4005.12	3.32	3.00E+00	17.80	79.10	26.36	-0.66	0.47
4020.12	3.45	3.09E+00	17.80	81.17	26.23	-0.63	0.54
4035.12	3.29	2.97E+00	17.80	80.57	27.15	-0.84	0.49
4050.12	3.25	2.92E+00	17.80	79.09	27.11	-0.64	0.51
4065.12	3.31	3.00E+00	17.80	79.04	26.34	-0.62	0.47
4080.12	3.45	3.10E+00	17.90	81.02	26.14	-0.61	0.53
4095.12	3.29	2.96E+00	17.80	80.45	27.22	-0.87	0.50
4110.12	3.28	2.95E+00	17.80	79.20	26.89	-0.61	0.51
4125.12	3.30	2.98E+00	17.80	79.02	26.54	-0.80	0.49
4140.12	3.44	3.10E+00	17.80	80.96	26.09	-0.54	0.51
4155.12	3.27	2.95E+00	17.90	80.40	27.26	-0.62	0.49
4170.12	3.29	2.95E+00	17.90	79.39	26.96	-0.59	0.53
4185.12	3.33	3.00E+00	17.80	79.17	26.39	-0.66	0.49
4200.12	3.39	3.06E+00	17.80	80.52	26.32	-0.67	0.49
4215.12	3.38	3.04E+00	17.80	81.05	26.64	-0.68	0.51
4230.12	3.26	2.93E+00	17.90	79.57	27.15	-0.55	0.50
4245.12	3.31	2.97E+00	17.80	78.81	26.56	-0.59	0.53
4260.12	3.40	3.07E+00	17.80	80.52	26.22	-0.70	0.50
4275.12	3.36	3.04E+00	17.90	81.14	26.73	-0.59	0.49
4290.12	3.27	2.94E+00	17.80	79.44	27.01	-0.61	0.51
4305.12	3.31	2.97E+00	17.80	78.77	26.55	-0.61	0.52
4320.12	3.41	3.08E+00	17.80	80.53	26.11	-0.50	0.49
4335.12	3.41	3.06E+00	17.80	81.01	26.52	-0.62	0.55
4350.12	3.27	2.94E+00	17.80	79.53	27.07	-0.69	0.50
4365.12	3.31	2.97E+00	17.80	78.86	26.57	-0.74	0.52
4380.12	3.42	3.06E+00	17.90	80.32	26.23	-0.94	0.53
4395.12	3.38	3.05E+00	17.80	81.12	26.57	-0.61	0.48
4410.12	3.28	2.96E+00	17.80	79.69	26.95	-0.69	0.49
4425.13	3.30	2.95E+00	17.80	78.67	26.64	-0.62	0.53
4440.13	3.41	3.08E+00	17.80	80.26	26.03	-0.58	0.49
4455.13	3.43	3.10E+00	17.80	81.36	26.25	-0.51	0.50
4470.13	3.27	2.95E+00	17.80	79.79	27.05	-0.59	0.49
4485.13	3.26	2.95E+00	17.80	78.80	26.74	-0.50	0.47
4500.13	3.40	3.08E+00	17.80	80.05	26.02	-0.57	0.49
4515.13	3.42	3.10E+00	17.90	81.36	26.27	-0.78	0.48
4530.15	3.29	2.97E+00	17.80	80.02	26.97	-0.59	0.48
4545.15	3.27	2.95E+00	17.80	78.81	26.76	-0.69	0.49
4560.15	3.44	3.11E+00	17.80	79.86	25.72	-0.56	0.50
4575.15	3.43	3.10E+00	17.90	80.99	26.11	-0.64	0.48
4590.15	3.33	2.99E+00	17.80	80.48	26.91	-0.68	0.53
4605.15	3.27	2.95E+00	17.80	79.06	26.84	-0.92	0.49
4620.18	3.35	3.03E+00	17.80	79.10	26.11	-0.66	0.49
4635.18	3.46	3.12E+00	17.90	80.79	25.89	-0.57	0.52
4649.21	3.41	3.06E+00	17.90	81.02	26.47	-0.58	0.54
4664.23	3.27	2.94E+00	17.90	79.31	26.94	-0.54	0.49
4679.27	3.38	3.05E+00	17.80	79.12	25.93	-0.53	0.50

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%] [bar]	dP membrane
4694.30	3.42	3.09E+00	17.80	80.56	26.06	-0.50	0.49
4709.30	3.43	3.09E+00	17.90	80.98	26.24	-0.58	0.53
4724.34	3.31	2.97E+00	17.90	79.54	26.74	-0.51	0.51
4739.34	3.33	2.98E+00	17.90	78.90	26.45	-0.54	0.53
4754.34	3.41	3.09E+00	17.90	80.16	25.94	-0.56	0.47
4769.35	3.44	3.10E+00	17.90	80.96	26.11	-0.46	0.52
4784.38	3.34	3.00E+00	17.80	80.07	26.71	-0.52	0.53
4799.38	3.31	2.98E+00	17.80	79.04	26.52	-0.58	0.51
4814.38	3.43	3.11E+00	17.90	79.67	25.66	-0.60	0.49
4829.38	3.42	3.10E+00	17.90	80.77	26.08	-0.56	0.48
4844.38	3.42	3.07E+00	17.90	80.86	26.33	-0.77	0.54
4859.40	3.31	2.98E+00	17.90	79.38	26.66	-0.53	0.50
4874.44	3.36	3.03E+00	17.80	79.03	26.06	-0.61	0.50
4889.46	3.45	3.10E+00	17.80	80.37	25.91	-0.60	0.53
4904.48	3.40	3.07E+00	17.90	81.40	26.55	-0.60	0.51
4919.49	3.28	2.95E+00	17.90	79.45	26.96	-0.54	0.52
4934.52	3.32	2.99E+00	17.90	78.63	26.33	-0.61	0.51
4949.52	3.43	3.11E+00	17.90	80.53	25.92	-0.51	0.49
4964.55	3.44	3.09E+00	17.90	81.22	26.31	-0.57	0.54
4979.58	3.28	2.96E+00	17.80	79.64	26.93	-0.46	0.49
4994.60	3.33	2.98E+00	17.80	78.71	26.46	-0.60	0.55
5009.63	3.45	3.11E+00	17.90	80.26	25.81	-0.63	0.51
5024.64	3.47	3.11E+00	17.90	81.36	26.13	-0.61	0.54
5039.70	3.33	2.98E+00	17.90	79.76	26.78	-0.63	0.56
5054.71	3.29	2.97E+00	17.90	78.69	26.52	-0.52	0.49
5069.76	3.46	3.12E+00	17.80	80.09	25.71	-0.47	0.52
5084.76	3.46	3.11E+00	17.90	81.32	26.17	-0.78	0.55
5099.77	3.31	2.97E+00	17.90	79.72	26.84	-0.54	0.53
5114.79	3.30	2.96E+00	17.90	78.75	26.58	-0.52	0.52
5129.85	3.46	3.13E+00	17.90	80.42	25.65	-0.47	0.49
5144.83	3.39	3.06E+00	18.00	81.07	26.52	-0.62	0.50
5159.85	3.32	2.99E+00	17.90	79.78	26.68	-0.58	0.50
5174.87	3.34	3.00E+00	17.90	78.76	26.28	-0.60	0.54
5189.88	3.41	3.10E+00	17.90	80.17	25.90	-0.63	0.48
5204.88	3.50	3.14E+00	18.00	81.21	25.83	-0.58	0.55
5219.98	3.31	2.98E+00	18.00	80.08	26.88	-0.66	0.50
5234.98	3.33	2.98E+00	18.00	78.87	26.47	-0.47	0.56
5249.98	3.44	3.10E+00	18.00	79.69	25.69	-0.66	0.51
5265.01	3.48	3.13E+00	18.00	80.94	25.87	-0.54	0.53
5280.02	3.36	3.02E+00	17.90	80.37	26.62	-0.64	0.53
5295.02	3.31	2.98E+00	17.90	79.04	26.51	-0.55	0.50
5310.02	3.41	3.09E+00	18.00	79.55	25.73	-0.60	0.48
5325.02	3.43	3.11E+00	18.00	80.88	25.97	-0.52	0.47
5340.02	3.33	3.00E+00	18.00	80.59	26.91	-0.62	0.51
5355.02	3.30	2.97E+00	18.00	78.97	26.61	-0.47	0.51
5370.02	3.41	3.08E+00	17.90	79.30	25.71	-0.49	0.48
5385.02	3.49	3.15E+00	17.90	80.99	25.73	-0.49	0.53
5400.02	3.39	3.05E+00	18.00	80.75	26.49	-0.51	0.53
5415.02	3.31	2.98E+00	18.00	79.26	26.59	-0.53	0.50
5430.02	3.37	3.05E+00	18.00	78.93	25.85	-0.54	0.48
5445.07	3.45	3.12E+00	18.00	80.52	25.83	-0.54	0.50

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
5460.09	3.43	3.12E+00	18.00	81.07	26.01	-0.59	0.46
5475.08	3.33	3.00E+00	18.00	79.69	26.54	-0.56	0.50
5490.09	3.37	3.02E+00	17.90	78.97	26.14	-0.48	0.54
5505.09	3.44	3.12E+00	18.00	80.03	25.68	-0.46	0.48
5520.10	3.49	3.13E+00	18.00	81.18	25.91	-0.51	0.54
5535.10	3.35	3.01E+00	18.00	79.81	26.49	-0.44	0.52
5550.10	3.34	2.97E+00	18.00	77.61	26.16	-0.52	0.52
5565.10	3.58	3.19E+00	18.00	80.57	25.27	-0.48	0.52
5580.10	3.49	3.10E+00	17.90	81.43	26.31	-0.67	0.54
5595.10	3.31	2.99E+00	18.00	80.03	26.79	-0.33	0.49
5610.10	3.31	2.97E+00	18.00	78.48	26.45	-0.29	0.52
5625.10	3.47	3.15E+00	18.00	80.27	25.45	-0.76	0.46
5640.10	3.49	3.14E+00	18.00	81.50	25.99	-0.65	0.54
5655.10	3.35	3.01E+00	18.10	79.78	26.55	-0.71	0.53
5670.10	3.30	2.97E+00	18.00	78.64	26.49	-0.92	0.51
5685.10	3.50	3.17E+00	18.00	80.36	25.38	-0.83	0.51
5700.10	3.47	3.12E+00	18.10	81.35	26.07	-0.41	0.55
5715.10	3.34	3.00E+00	18.10	79.68	26.52	-0.56	0.51
5730.10	3.33	3.00E+00	18.10	78.86	26.28	-0.57	0.49
5745.10	3.47	3.14E+00	18.10	80.25	25.56	-0.55	0.50
5760.10	3.47	3.13E+00	18.10	81.14	25.89	-0.55	0.50
5775.10	3.35	3.01E+00	18.00	79.68	26.45	-0.57	0.52
5790.10	3.37	3.03E+00	18.00	78.84	26.04	-0.59	0.52
5805.10	3.46	3.14E+00	18.00	80.42	25.62	-0.59	0.49
5820.10	3.44	3.10E+00	18.00	81.02	26.12	-0.49	0.52
5835.10	3.34	3.01E+00	18.00	79.66	26.51	-0.56	0.50
5850.09	3.38	3.03E+00	18.00	78.94	26.05	-0.58	0.54
5865.10	3.51	3.17E+00	18.00	80.33	25.38	-0.46	0.51
5880.10	3.49	3.15E+00	18.00	81.16	25.78	-0.46	0.52
5895.10	3.37	3.03E+00	18.00	79.77	26.30	-0.40	0.52
5910.10	3.31	3.00E+00	18.00	78.79	26.24	-0.43	0.44
5925.09	3.51	3.17E+00	18.00	80.31	25.31	-0.41	0.51
5940.09	3.48	3.14E+00	18.00	81.24	25.90	-0.43	0.52
5955.09	3.36	3.04E+00	18.00	79.94	26.32	-0.47	0.49
5970.09	3.34	3.01E+00	18.00	78.78	26.21	-0.36	0.51
5985.10	3.51	3.16E+00	18.00	80.30	25.38	-0.33	0.52
6000.10	3.44	3.11E+00	18.00	81.13	26.08	-0.36	0.51
6015.10	3.35	3.03E+00	18.00	79.88	26.39	-0.41	0.50
6030.09	3.33	3.02E+00	18.00	79.03	26.21	-0.38	0.47
6045.09	3.49	3.15E+00	18.00	79.93	25.34	-0.31	0.51
6060.09	3.46	3.14E+00	18.00	80.97	25.77	-0.39	0.48
6075.09	3.36	3.02E+00	18.00	80.16	26.57	-0.35	0.52
6090.09	3.38	3.04E+00	18.00	79.17	26.02	-0.37	0.51
6105.09	3.42	3.11E+00	18.00	79.50	25.56	-0.36	0.45
6120.09	3.47	3.14E+00	18.00	80.81	25.72	-0.30	0.50
6135.09	3.40	3.06E+00	18.00	80.62	26.33	-0.35	0.52
6150.09	3.38	3.04E+00	18.00	79.46	26.13	-0.38	0.52
6165.09	3.39	3.06E+00	18.00	79.09	25.88	-0.52	0.50
6180.09	3.53	3.18E+00	18.00	80.65	25.37	-0.34	0.55
6195.09	3.46	3.10E+00	18.00	80.72	26.05	-0.32	0.56
6210.09	3.41	3.05E+00	18.00	79.59	26.07	-0.31	0.54

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%] [bar]	dP membrane
6225.09	3.41	3.06E+00	18.00	79.18	25.87	-0.39	0.54
6240.09	3.48	3.15E+00	18.00	80.26	25.44	-0.46	0.49
6255.09	3.45	3.14E+00	18.00	81.06	25.84	-0.34	0.47
6270.09	3.37	3.04E+00	18.00	79.75	26.20	-0.43	0.50
6285.09	3.36	3.04E+00	18.00	79.18	26.05	-0.37	0.49
6300.09	3.49	3.15E+00	18.00	79.79	25.29	-0.39	0.50
6315.09	3.45	3.12E+00	18.10	81.16	26.01	-0.38	0.49
6330.09	3.39	3.06E+00	18.00	79.88	26.10	-0.33	0.51
6345.09	3.36	3.03E+00	18.00	78.69	25.98	-0.40	0.50
6360.09	3.47	3.15E+00	18.00	80.15	25.46	-0.32	0.47
6375.09	3.49	3.15E+00	18.00	80.97	25.67	-0.33	0.51
6390.09	3.40	3.05E+00	18.00	80.20	26.27	-0.34	0.54
6405.09	3.36	3.03E+00	18.10	78.94	26.08	-0.33	0.51
6420.09	3.47	3.16E+00	18.00	79.81	25.29	-0.42	0.47
6435.09	3.47	3.15E+00	18.00	80.72	25.64	-0.39	0.48
6450.09	3.42	3.10E+00	18.10	80.78	26.02	-0.33	0.48
6465.09	3.35	3.03E+00	18.10	79.18	26.10	-0.46	0.48
6480.09	3.44	3.10E+00	18.00	79.14	25.50	-0.41	0.51
6495.09	3.49	3.17E+00	18.00	80.74	25.48	-0.41	0.48
6510.09	3.45	3.10E+00	18.10	80.89	26.06	-0.29	0.53
6525.09	3.40	3.05E+00	18.10	79.46	26.07	-0.32	0.54
6540.09	3.36	3.04E+00	18.10	78.98	25.99	-0.32	0.50
6555.09	3.53	3.20E+00	18.10	80.60	25.16	-0.38	0.48
6570.09	3.42	3.10E+00	18.10	80.81	26.09	-0.34	0.50
6585.09	3.37	3.05E+00	18.00	79.59	26.12	-0.27	0.50
6600.09	3.41	3.07E+00	18.00	79.13	25.77	-0.30	0.51
6615.09	3.51	3.19E+00	18.10	80.33	25.22	-0.29	0.49
6630.09	3.48	3.14E+00	18.10	81.01	25.76	-0.33	0.52
6645.09	3.40	3.06E+00	18.10	79.78	26.06	-0.31	0.51
6660.09	3.38	3.05E+00	18.10	79.16	25.98	-0.28	0.50
6675.09	3.49	3.17E+00	18.00	80.23	25.34	-0.39	0.48
6690.09	3.45	3.11E+00	18.00	80.77	25.96	-0.29	0.51
6705.09	3.37	3.05E+00	18.10	79.78	26.14	-0.31	0.48
6720.09	3.39	3.05E+00	18.10	79.26	25.97	-0.24	0.52
6735.09	3.49	3.15E+00	18.10	80.31	25.46	-0.26	0.50
6750.09	3.44	3.11E+00	18.10	80.72	25.95	-0.28	0.49
6765.09	3.40	3.06E+00	18.10	79.72	26.02	-0.24	0.52
6780.09	3.37	3.05E+00	18.10	79.03	25.89	-0.56	0.49
6795.09	3.50	3.17E+00	18.00	80.38	25.33	-0.37	0.50
6810.09	3.45	3.12E+00	18.10	80.80	25.89	-0.31	0.49
6825.09	3.39	3.07E+00	18.10	79.70	25.98	-0.42	0.49
6840.09	3.40	3.06E+00	18.10	79.14	25.86	-0.25	0.52
6855.09	3.50	3.16E+00	18.10	80.08	25.37	-0.29	0.51
6870.09	3.53	3.18E+00	18.10	81.09	25.51	-0.28	0.53
6885.09	3.40	3.07E+00	18.10	79.90	26.01	-0.21	0.49
6900.09	3.38	3.06E+00	18.10	79.11	25.86	-0.29	0.48
6915.09	3.50	3.17E+00	18.10	79.90	25.17	-0.33	0.49
6930.09	3.51	3.17E+00	18.10	81.02	25.56	-0.19	0.51
6945.09	3.43	3.08E+00	18.10	80.00	25.96	-0.24	0.53
6960.09	3.38	3.06E+00	18.10	79.20	25.87	-0.20	0.48
6975.09	3.49	3.18E+00	18.10	79.86	25.09	-0.37	0.46

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%]*	*dP membrane [bar]*
6990.09	3.50	3.18E+00	18.10	80.97	25.45	-0.26	0.48
7005.09	3.44	3.10E+00	18.10	80.05	25.86	-0.26	0.53
7020.09	3.39	3.07E+00	18.00	79.43	25.89	-0.33	0.49
7035.09	3.47	3.14E+00	18.10	79.43	25.26	-0.33	0.50
7050.09	3.53	3.19E+00	18.10	80.69	25.31	-0.21	0.53
7065.09	3.45	3.09E+00	18.10	80.47	26.06	-0.32	0.56
7080.09	3.44	3.09E+00	18.10	79.63	25.74	-0.32	0.54
7095.09	3.37	3.06E+00	18.10	78.93	25.76	-0.27	0.46
7110.09	3.51	3.18E+00	18.10	80.52	25.32	-0.30	0.49
7125.09	3.48	3.16E+00	18.10	80.85	25.62	-0.29	0.50
7140.09	3.40	3.07E+00	18.10	79.56	25.91	-0.29	0.50
7155.09	3.42	3.11E+00	18.10	79.11	25.47	-0.24	0.47
7170.09	3.55	3.21E+00	18.10	80.39	25.07	-0.23	0.53
7185.09	3.49	3.16E+00	18.10	80.99	25.66	-0.17	0.51
7200.09	3.41	3.07E+00	18.10	79.83	25.99	-0.25	0.52
7215.09	3.41	3.07E+00	18.10	79.04	25.73	-0.28	0.53
7230.09	3.53	3.19E+00	18.10	79.87	25.01	-0.27	0.51
7245.09	3.52	3.20E+00	18.10	80.93	25.32	-0.10	0.49
7260.09	3.42	3.09E+00	18.10	80.28	26.01	-0.28	0.51
7275.09	3.43	3.09E+00	18.10	79.37	25.70	-0.32	0.53
7290.09	3.45	3.11E+00	18.10	78.96	25.36	-0.29	0.50
7305.09	3.53	3.19E+00	18.10	80.54	25.28	-0.30	0.52
7320.09	3.52	3.18E+00	18.10	80.95	25.42	-0.44	0.50
7335.09	3.43	3.09E+00	18.10	79.71	25.83	-0.25	0.53
7350.09	3.41	3.08E+00	18.10	79.14	25.65	-0.29	0.49
7365.09	3.55	3.20E+00	18.10	80.12	25.07	-0.21	0.54
7380.09	3.53	3.19E+00	18.10	80.92	25.36	-0.26	0.50
7395.09	3.44	3.10E+00	18.20	80.02	25.84	-0.37	0.52
7410.09	3.38	3.06E+00	18.10	79.00	25.83	-0.17	0.50
7425.09	3.49	3.16E+00	18.20	79.95	25.31	-0.24	0.49
7440.09	3.54	3.20E+00	18.10	80.87	25.30	-0.18	0.51
7455.09	3.46	3.10E+00	18.20	80.64	25.98	-0.23	0.56
7470.09	3.35	3.02E+00	18.10	79.01	26.17	-0.34	0.50
7485.09	3.52	3.18E+00	18.10	79.38	24.96	-0.17	0.52
7500.09	3.60	3.25E+00	18.20	81.40	25.02	-0.28	0.52
7515.09	3.41	3.08E+00	18.20	80.38	26.13	-0.16	0.52
7530.09	3.39	3.05E+00	18.20	79.07	25.89	-0.32	0.50
7545.09	3.48	3.17E+00	18.20	79.41	25.06	-0.16	0.46
7560.09	3.51	3.19E+00	18.20	80.66	25.30	-0.21	0.48
7575.09	3.48	3.15E+00	18.10	80.88	25.66	-0.26	0.49
7590.09	3.37	3.06E+00	18.10	79.36	25.96	-0.18	0.48
7605.09	3.48	3.15E+00	18.20	79.07	25.10	-0.31	0.50
7620.09	3.55	3.21E+00	18.20	80.45	25.05	-0.11	0.52
7635.09	3.50	3.16E+00	18.20	81.12	25.71	-0.16	0.52
7650.09	3.38	3.06E+00	18.20	79.42	25.97	-0.22	0.48
7665.09	3.41	3.09E+00	18.10	78.73	25.52	-0.26	0.50
7680.09	3.58	3.25E+00	18.10	80.76	24.86	-0.39	0.51
7695.09	3.49	3.15E+00	18.20	80.92	25.69	-0.23	0.52
7710.09	3.44	3.09E+00	18.20	79.54	25.70	-0.31	0.53
7725.09	3.42	3.09E+00	18.20	79.08	25.57	-0.34	0.49
7740.09	3.50	3.18E+00	18.20	80.10	25.18	-0.25	0.47

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
7755.09	3.58	3.23E+00	18.20	81.29	25.20	-0.31	0.55
7770.09	3.45	3.10E+00	18.10	80.00	25.81	-0.32	0.54
7785.09	3.40	3.07E+00	18.10	78.96	25.73	-0.26	0.51
7800.09	3.53	3.20E+00	18.20	79.81	24.96	-0.23	0.51
7815.09	3.57	3.24E+00	18.20	81.25	25.09	-0.28	0.50
7830.09	3.43	3.11E+00	18.20	80.02	25.74	-0.22	0.49
7845.09	3.39	3.07E+00	18.20	79.13	25.79	-0.24	0.49
7860.09	3.54	3.22E+00	18.20	79.97	24.85	-0.25	0.48
7875.09	3.57	3.21E+00	18.10	80.97	25.19	-0.22	0.55
7890.09	3.47	3.13E+00	18.10	80.16	25.58	-0.24	0.52
7905.09	3.44	3.10E+00	18.20	79.15	25.50	-0.14	0.52
7920.09	3.54	3.21E+00	18.20	79.96	24.87	-0.18	0.49
7935.09	3.54	3.20E+00	18.20	80.89	25.24	-0.24	0.51
7950.09	3.48	3.14E+00	18.20	80.19	25.57	-0.12	0.54
7965.09	3.44	3.09E+00	18.10	79.04	25.60	-0.20	0.55
7980.09	3.54	3.20E+00	18.10	79.91	24.98	-0.09	0.51
7995.09	3.53	3.20E+00	18.20	80.67	25.22	-0.20	0.51
8010.09	3.49	3.15E+00	18.20	80.40	25.56	-0.07	0.53
8025.09	3.44	3.11E+00	18.30	79.45	25.52	-0.08	0.51
8040.09	3.50	3.15E+00	18.30	79.20	25.12	-0.22	0.53
8055.09	3.57	3.22E+00	18.20	80.51	24.97	-0.21	0.52
8070.09	3.48	3.15E+00	18.20	80.63	25.61	-0.28	0.51
8085.09	3.43	3.10E+00	18.20	79.50	25.63	-0.20	0.50
8100.09	3.46	3.14E+00	18.30	79.11	25.22	-0.41	0.48
8115.09	3.57	3.23E+00	18.30	80.59	24.91	-0.20	0.50
8130.09	3.53	3.19E+00	18.30	80.67	25.29	-0.24	0.52
8145.09	3.43	3.11E+00	18.30	79.35	25.54	-0.28	0.49
8160.09	3.54	3.21E+00	18.30	79.79	24.85	-0.20	0.50
8175.09	3.55	3.23E+00	18.20	80.57	24.91	-0.23	0.47
8190.09	3.46	3.14E+00	18.20	80.46	25.65	-0.22	0.48
8205.09	3.44	3.12E+00	18.30	79.49	25.49	-0.30	0.48
8220.09	3.46	3.14E+00	18.30	79.14	25.23	-0.15	0.48
8235.09	3.61	3.27E+00	18.30	80.92	24.72	-0.24	0.51
8250.09	3.51	3.17E+00	18.30	80.47	25.37	-0.31	0.51
8265.09	3.40	3.08E+00	18.20	79.12	25.65	-0.30	0.48
8280.09	3.51	3.18E+00	18.20	79.56	25.05	-0.28	0.50
8295.09	3.55	3.22E+00	18.30	80.65	25.05	-0.29	0.49
8310.09	3.52	3.17E+00	18.30	80.59	25.44	-0.28	0.54
8325.09	3.43	3.12E+00	18.30	79.44	25.49	-0.17	0.46
8340.09	3.47	3.15E+00	18.30	79.06	25.12	-0.25	0.48
8355.09	3.56	3.24E+00	18.30	80.51	24.87	-0.28	0.49
8370.09	3.54	3.20E+00	18.30	80.93	25.31	-0.27	0.52
8385.09	3.45	3.12E+00	18.30	79.61	25.49	-0.24	0.49
8400.09	3.49	3.16E+00	18.30	79.16	25.09	-0.32	0.51
8415.09	3.60	3.26E+00	18.30	80.58	24.75	-0.19	0.53
8430.09	3.48	3.15E+00	18.30	80.45	25.56	-0.29	0.51
8445.09	3.46	3.13E+00	18.30	79.56	25.44	-0.24	0.51
8460.09	3.53	3.19E+00	18.30	79.29	24.88	-0.33	0.53
8475.09	3.58	3.24E+00	18.30	80.50	24.82	-0.19	0.51
8490.09	3.50	3.17E+00	18.30	80.59	25.38	-0.27	0.49
8505.09	3.45	3.13E+00	18.30	79.65	25.41	-0.29	0.48

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
8520.09	3.47	3.14E+00	18.30	79.21	25.26	-0.13	0.51
8535.09	3.60	3.27E+00	18.30	80.40	24.61	-0.22	0.50
8550.09	3.59	3.24E+00	18.30	81.05	25.02	-0.35	0.53
8565.09	3.50	3.17E+00	18.30	79.91	25.23	-0.08	0.51
8580.09	3.47	3.13E+00	18.30	79.04	25.23	-0.24	0.52
8595.09	3.60	3.26E+00	18.30	80.25	24.63	-0.29	0.53
8610.09	3.53	3.19E+00	18.30	80.89	25.35	-0.24	0.51
8625.09	3.49	3.15E+00	18.30	79.90	25.34	-0.27	0.52
8640.09	3.45	3.12E+00	18.30	79.03	25.34	-0.35	0.51
8655.09	3.53	3.22E+00	18.30	79.87	24.83	-0.51	0.47
8670.09	3.58	3.25E+00	18.30	80.74	24.81	-0.18	0.49
8685.09	3.47	3.14E+00	18.30	80.33	25.59	-0.25	0.51
8700.09	3.47	3.14E+00	18.30	79.38	25.30	-0.38	0.50
8715.09	3.50	3.19E+00	18.30	79.34	24.86	-0.22	0.45
8730.09	3.59	3.26E+00	18.30	80.48	24.72	-0.28	0.52
8745.09	3.55	3.22E+00	18.30	80.91	25.13	-0.24	0.50
8760.09	3.48	3.14E+00	18.30	79.69	25.38	-0.35	0.52
8775.09	3.45	3.13E+00	18.40	79.02	25.26	-0.20	0.50
8790.09	3.58	3.24E+00	18.40	80.10	24.69	-0.28	0.50
8805.09	3.60	3.25E+00	18.20	80.90	24.87	-0.17	0.52
8820.09	3.46	3.14E+00	18.30	80.12	25.55	-0.34	0.49
8835.09	3.48	3.15E+00	18.40	79.40	25.24	-0.13	0.50
8850.09	3.53	3.20E+00	18.40	79.53	24.84	-0.29	0.50
8865.11	3.55	3.23E+00	18.40	80.58	24.96	-0.35	0.49
8880.10	3.49	3.17E+00	18.40	80.29	25.32	-0.25	0.49
8895.10	3.49	3.15E+00	18.30	79.71	25.27	-0.23	0.52
8910.10	3.49	3.17E+00	18.30	79.35	25.04	-0.27	0.49
8925.10	3.60	3.27E+00	18.40	80.27	24.56	-0.30	0.50
8940.10	3.56	3.22E+00	18.40	80.72	25.10	-0.14	0.53
8955.11	3.48	3.15E+00	18.40	79.73	25.30	-0.31	0.50
8970.10	3.48	3.15E+00	18.50	79.32	25.16	-0.16	0.49
8985.10	3.57	3.25E+00	18.50	80.39	24.74	-0.35	0.49
9000.10	3.55	3.20E+00	18.40	80.58	25.19	-0.22	0.54
9015.10	3.50	3.16E+00	18.30	79.70	25.20	-0.28	0.52
9030.10	3.48	3.15E+00	18.40	79.37	25.16	-0.11	0.48
9045.10	3.63	3.27E+00	18.50	80.32	24.55	-0.17	0.56
9060.11	3.58	3.23E+00	18.50	80.76	25.00	-0.23	0.53
9075.11	3.50	3.16E+00	18.50	79.77	25.23	-0.24	0.51
9090.11	3.47	3.14E+00	18.40	79.40	25.25	-0.26	0.49
9105.10	3.59	3.25E+00	18.40	79.97	24.58	-0.42	0.52
9120.11	3.56	3.23E+00	18.40	80.46	24.88	-0.26	0.49
9135.11	3.60	3.24E+00	18.50	80.57	24.83	-0.28	0.55
9150.10	3.50	3.16E+00	18.50	79.66	25.24	-0.16	0.54
9165.10	3.50	3.17E+00	18.50	79.18	25.00	-0.23	0.51
9180.10	3.60	3.26E+00	18.50	80.35	24.63	-0.22	0.51
9195.10	3.53	3.19E+00	18.40	80.75	25.34	-0.29	0.53
9210.11	3.50	3.17E+00	18.40	79.93	25.25	-0.29	0.51
9225.11	3.52	3.16E+00	18.50	79.25	25.06	-0.19	0.55
9240.10	3.61	3.26E+00	18.50	80.17	24.56	-0.18	0.54
9255.11	3.55	3.22E+00	18.50	80.73	25.05	-0.25	0.49
9270.11	3.50	3.17E+00	18.50	79.80	25.16	-0.23	0.50

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
9285.10	3.54	3.19E+00	18.50	79.37	24.92	-0.21	0.55
9300.11	3.60	3.26E+00	18.50	80.14	24.62	-0.29	0.53
9315.10	3.61	3.25E+00	18.50	80.81	24.90	-0.31	0.56
9330.10	3.49	3.16E+00	18.50	79.75	25.25	-0.22	0.51
9345.11	3.53	3.19E+00	18.50	79.32	24.91	-0.15	0.52
9360.10	3.61	3.27E+00	18.50	80.28	24.58	-0.24	0.53
9375.11	3.54	3.20E+00	18.50	80.67	25.20	-0.15	0.51
9390.11	3.52	3.18E+00	18.50	79.70	25.04	-0.36	0.52
9405.10	3.50	3.16E+00	18.30	79.15	25.05	-0.37	0.53
9420.10	3.60	3.27E+00	18.40	80.20	24.50	-0.37	0.50
9435.10	3.59	3.26E+00	18.30	80.79	24.76	-0.48	0.50
9450.10	3.50	3.16E+00	18.30	79.81	25.25	-0.70	0.52
9465.10	3.50	3.18E+00	18.30	78.97	24.86	-0.37	0.49
9480.10	3.58	3.25E+00	18.30	79.81	24.57	-0.37	0.49
9495.11	3.61	3.28E+00	18.10	80.77	24.64	-0.31	0.52
9510.10	3.49	3.15E+00	18.10	79.44	25.19	-0.35	0.50
9525.10	3.59	3.28E+00	18.10	79.43	24.23	-0.29	0.46
9540.11	3.63	3.30E+00	18.10	80.42	24.38	-0.39	0.50
9555.10	3.61	3.28E+00	18.10	80.70	24.61	-0.09	0.51
9570.10	3.55	3.20E+00	18.10	79.53	24.89	-0.39	0.54
9585.10	3.65	3.30E+00	18.00	79.47	24.06	-0.10	0.53
9600.10	3.61	3.28E+00	18.00	80.27	24.46	-0.15	0.51
9615.10	3.62	3.29E+00	18.00	80.48	24.43	-0.19	0.50
9630.10	3.55	3.21E+00	17.90	79.67	24.81	-0.11	0.53
9645.11	3.60	3.28E+00	17.90	79.31	24.19	-0.03	0.48
9660.10	3.67	3.37E+00	17.80	80.55	23.92	-0.28	0.45
9675.10	3.60	3.29E+00	17.80	80.65	24.54	-0.10	0.48
9690.10	3.51	3.20E+00	17.80	79.10	24.69	-0.17	0.47
9705.10	3.68	3.33E+00	17.70	79.80	23.94	-0.26	0.53
9720.10	3.66	3.33E+00	17.80	80.54	24.17	-0.11	0.50
9735.10	3.61	3.28E+00	17.70	80.48	24.51	-0.00	0.50
9750.10	3.57	3.24E+00	17.70	79.53	24.52	-0.21	0.50
9765.10	3.62	3.27E+00	17.60	79.10	24.21	-0.16	0.56
9780.10	3.69	3.36E+00	17.60	80.64	23.97	-0.18	0.49
9795.10	3.63	3.28E+00	17.60	80.16	24.46	-0.19	0.54
9810.10	3.62	3.28E+00	17.60	79.70	24.29	-0.13	0.52
9825.10	3.64	3.30E+00	17.60	79.41	24.09	-0.06	0.54
9840.10	3.75	3.42E+00	17.60	80.56	23.57	-0.28	0.50
9855.10	3.68	3.35E+00	17.50	80.48	24.04	-0.17	0.51
9870.10	3.57	3.25E+00	17.50	79.25	24.39	-0.14	0.50
9885.10	3.74	3.40E+00	17.50	80.31	23.61	-0.22	0.52
9900.10	3.66	3.34E+00	17.40	80.42	24.05	-0.24	0.49
9915.10	3.61	3.26E+00	17.40	79.50	24.41	-0.16	0.55
9930.10	3.75	3.39E+00	17.40	79.79	23.55	-0.14	0.55
9945.10	3.74	3.39E+00	17.40	80.49	23.76	-0.21	0.54
9960.10	3.63	3.30E+00	17.30	79.68	24.12	-0.17	0.51
9975.10	3.70	3.37E+00	17.30	79.98	23.71	-0.23	0.50
9990.10	3.74	3.40E+00	17.30	80.28	23.63	-0.21	0.53
10005.10	3.71	3.36E+00	17.30	79.80	23.74	-0.06	0.54
10020.10	3.68	3.36E+00	17.30	79.69	23.69	-0.10	0.46
10035.10	3.73	3.39E+00	17.30	80.06	23.62	-0.07	0.52

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
10050.10	3.73	3.39E+00	17.30	80.28	23.70	-0.15	0.52
10065.10	3.73	3.40E+00	17.20	80.42	23.64	-0.08	0.50
10080.10	3.66	3.33E+00	17.20	79.40	23.82	-0.10	0.51
10095.10	3.70	3.38E+00	17.20	79.69	23.57	-0.05	0.47
10110.10	3.84	3.48E+00	17.20	81.15	23.34	-0.11	0.55
10125.10	3.68	3.34E+00	17.20	79.89	23.95	-0.08	0.53
10140.10	3.64	3.31E+00	17.20	79.07	23.90	-0.30	0.51
10155.10	3.76	3.42E+00	17.20	79.81	23.37	-0.24	0.53
10170.10	3.70	3.39E+00	17.10	80.79	23.80	-0.04	0.44
10185.10	3.63	3.33E+00	17.10	79.75	23.98	-0.11	0.46
10200.10	3.65	3.33E+00	17.10	79.05	23.71	-0.18	0.48
10215.10	3.79	3.46E+00	17.10	80.53	23.29	-0.30	0.51
10230.10	3.73	3.40E+00	17.10	80.39	23.61	-0.18	0.50
10245.10	3.66	3.34E+00	17.10	79.52	23.80	-0.33	0.49
10260.10	3.76	3.42E+00	17.10	79.60	23.28	-0.17	0.52
10275.10	3.77	3.45E+00	17.00	80.60	23.35	-0.19	0.49
10290.10	3.73	3.40E+00	17.00	80.00	23.55	-0.21	0.51
10305.10	3.74	3.39E+00	17.00	79.66	23.48	-0.31	0.55
10320.10	3.73	3.39E+00	17.10	79.46	23.43	-0.30	0.51
10335.10	3.79	3.44E+00	17.00	80.05	23.25	-0.17	0.53
10350.10	3.79	3.44E+00	17.00	80.63	23.45	-0.13	0.54
10365.10	3.69	3.34E+00	17.00	79.21	23.70	-0.17	0.54
10380.10	3.83	3.48E+00	17.00	79.77	22.90	-0.18	0.53
10395.10	3.78	3.46E+00	17.00	80.46	23.28	-0.07	0.50
10410.10	3.74	3.42E+00	17.00	80.47	23.52	-0.26	0.48
10425.10	3.73	3.38E+00	17.00	79.21	23.43	-0.25	0.54
10440.10	3.79	3.47E+00	17.00	80.05	23.04	-0.27	0.48
10455.10	3.80	3.47E+00	17.00	80.49	23.23	-0.16	0.51
10470.10	3.78	3.43E+00	17.00	80.16	23.34	-0.14	0.54
10485.10	3.72	3.38E+00	17.00	79.22	23.43	-0.16	0.51
10500.10	3.82	3.48E+00	17.00	80.04	23.01	-0.19	0.52
10515.10	3.80	3.48E+00	17.00	80.50	23.16	-0.19	0.49
10530.10	3.72	3.39E+00	17.00	79.85	23.54	-0.07	0.49
10545.10	3.72	3.40E+00	17.00	79.39	23.36	-0.27	0.48
10560.10	3.83	3.51E+00	17.00	80.53	22.97	-0.23	0.50
10575.10	3.80	3.46E+00	16.90	80.36	23.20	-0.13	0.52
10590.10	3.75	3.41E+00	16.90	79.41	23.29	-0.18	0.52
10605.10	3.84	3.50E+00	17.00	80.23	22.91	-0.17	0.52
10620.10	3.76	3.45E+00	17.00	80.32	23.31	-0.10	0.48
10635.10	3.69	3.37E+00	17.00	79.49	23.58	-0.15	0.49
10650.10	3.79	3.47E+00	17.00	79.75	22.97	-0.11	0.47
10665.10	3.83	3.47E+00	16.90	80.64	23.22	-0.10	0.55
10680.10	3.78	3.44E+00	17.00	80.02	23.29	-0.03	0.53
10695.10	3.77	3.42E+00	17.00	79.63	23.25	-0.15	0.53
10710.10	3.78	3.43E+00	17.00	79.50	23.20	-0.12	0.54
10725.10	3.83	3.50E+00	17.00	80.60	23.01	-0.17	0.49
10740.10	3.78	3.43E+00	16.80	80.24	23.39	-0.09	0.55
10755.10	3.72	3.39E+00	17.00	79.37	23.42	-0.17	0.50
10770.10	3.86	3.51E+00	17.00	80.13	22.83	-0.29	0.53
10785.10	3.80	3.45E+00	17.00	80.48	23.33	-0.09	0.53
10800.10	3.76	3.42E+00	17.00	79.85	23.32	-0.14	0.51

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%]*	*dP membrane [bar]*
10815.10	3.76	3.44E+00	17.00	79.67	23.18	-0.16	0.48
10830.10	3.81	3.48E+00	17.00	80.36	23.10	-0.20	0.49
10845.10	3.75	3.41E+00	17.00	80.12	23.48	-0.21	0.52
10860.10	3.74	3.42E+00	17.00	79.59	23.28	-0.23	0.48
10875.10	3.84	3.49E+00	17.00	79.93	22.92	-0.13	0.55
10890.10	3.82	3.48E+00	17.00	80.24	23.08	-0.27	0.53
10905.10	3.85	3.50E+00	17.00	80.36	22.98	-0.23	0.54
10920.10	3.80	3.46E+00	17.00	79.96	23.13	-0.17	0.54
10935.10	3.71	3.39E+00	17.00	79.18	23.34	-0.30	0.48
10950.12	3.90	3.57E+00	17.00	80.39	22.52	-0.18	0.49
10965.12	3.78	3.45E+00	17.00	80.64	23.36	-0.16	0.50
10980.12	3.70	3.37E+00	17.00	79.36	23.56	-0.16	0.52
10995.13	3.84	3.50E+00	17.00	79.58	22.72	-0.23	0.51
11010.12	3.82	3.50E+00	17.00	80.38	22.98	-0.16	0.48
11025.12	3.79	3.46E+00	17.00	80.47	23.24	-0.19	0.51
11040.12	3.73	3.41E+00	17.00	79.43	23.31	-0.17	0.49
11055.12	3.84	3.51E+00	17.00	80.15	22.84	-0.25	0.51
11070.12	3.77	3.43E+00	17.00	80.14	23.38	-0.26	0.53
11085.12	3.80	3.44E+00	17.00	79.51	23.09	-0.23	0.55
11100.13	3.83	3.50E+00	17.00	80.25	22.92	-0.17	0.50
11115.17	3.78	3.44E+00	17.10	80.05	23.24	-0.21	0.52
11130.17	3.79	3.44E+00	17.10	79.49	23.11	-0.22	0.54
11145.20	3.86	3.52E+00	17.10	80.12	22.76	-0.17	0.52
11160.23	3.82	3.49E+00	17.00	80.37	23.06	-0.10	0.51
11175.23	3.76	3.41E+00	17.00	79.67	23.37	-0.17	0.54
11190.23	3.84	3.50E+00	17.10	79.63	22.76	-0.15	0.52
11205.27	3.84	3.50E+00	17.10	80.41	22.95	-0.16	0.52
11220.27	3.80	3.48E+00	17.10	80.57	23.18	-0.14	0.49
11235.29	3.76	3.44E+00	17.10	79.80	23.21	-0.15	0.50
11250.31	3.76	3.43E+00	17.10	79.34	23.12	-0.05	0.50
11265.34	3.87	3.53E+00	17.10	79.82	22.64	-0.21	0.53
11280.40	3.92	3.57E+00	17.10	81.17	22.71	-0.16	0.53
11295.52	3.76	3.43E+00	17.10	80.14	23.39	-0.33	0.51
11310.59	3.72	3.37E+00	17.10	78.92	23.40	-0.25	0.53
11325.59	3.86	3.53E+00	17.10	79.86	22.65	-0.25	0.52
11340.59	3.85	3.52E+00	17.10	80.41	22.84	-0.25	0.51
11355.59	3.86	3.53E+00	17.00	80.56	22.84	-0.23	0.52
11370.59	3.77	3.43E+00	17.00	79.46	23.15	-0.26	0.53
11385.59	3.84	3.49E+00	17.10	79.50	22.77	-0.05	0.53
11400.59	3.91	3.56E+00	17.10	80.48	22.58	-0.07	0.53
11415.59	3.83	3.49E+00	17.00	80.52	23.04	-0.24	0.51
11430.60	3.77	3.44E+00	17.00	79.50	23.14	-0.18	0.51
11445.63	3.83	3.49E+00	17.00	79.56	22.81	-0.26	0.53
11460.70	3.87	3.54E+00	17.00	80.38	22.73	-0.12	0.51
11475.73	3.84	3.50E+00	17.00	80.20	22.91	-0.21	0.51
11490.74	3.75	3.42E+00	17.00	79.52	23.23	-0.19	0.50
11505.76	3.82	3.49E+00	17.00	79.55	22.79	-0.12	0.50
11520.77	3.89	3.55E+00	17.00	80.33	22.61	-0.15	0.52
11535.79	3.86	3.52E+00	17.00	80.65	22.90	-0.08	0.51
11550.79	3.76	3.43E+00	17.00	79.78	23.24	-0.13	0.49
11565.81	3.80	3.46E+00	17.00	79.06	22.83	-0.19	0.52

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
11580.81	3.89	3.56E+00	17.00	80.19	22.55	-0.21	0.51
11595.81	3.87	3.54E+00	17.00	80.70	22.81	-0.05	0.50
11610.81	3.80	3.46E+00	17.00	79.87	23.10	-0.06	0.53
11625.81	3.80	3.46E+00	16.90	79.22	22.87	-0.07	0.52
11640.81	3.92	3.57E+00	17.00	80.26	22.51	-0.08	0.55
11655.81	3.80	3.47E+00	17.00	80.09	23.06	-0.22	0.50
11670.81	3.81	3.49E+00	17.00	79.54	22.77	-0.14	0.47
11685.81	3.91	3.57E+00	17.00	80.29	22.46	-0.25	0.50
11700.81	3.85	3.52E+00	17.00	80.28	22.82	-0.21	0.51
11715.81	3.83	3.50E+00	17.00	79.25	22.66	-0.31	0.52
11730.84	3.86	3.53E+00	17.00	79.86	22.59	-0.12	0.48
11745.85	3.89	3.54E+00	16.90	80.71	22.80	-0.06	0.53
11760.90	3.81	3.47E+00	16.90	79.57	22.91	-0.12	0.52
11775.90	3.82	3.49E+00	17.00	79.15	22.66	-0.21	0.49
11790.90	3.96	3.62E+00	17.00	80.34	22.22	-0.22	0.52
11805.93	3.87	3.53E+00	17.00	80.47	22.80	-0.14	0.52
11820.94	3.83	3.48E+00	17.00	79.77	22.91	-0.08	0.55
11835.95	3.86	3.53E+00	17.00	79.37	22.47	-0.12	0.50
11850.98	3.97	3.63E+00	16.90	80.56	22.19	-0.21	0.53
11865.05	3.90	3.57E+00	16.90	80.48	22.57	-0.14	0.51
11880.06	3.81	3.48E+00	16.90	79.21	22.78	-0.22	0.49
11895.09	3.92	3.60E+00	16.90	80.13	22.25	-0.12	0.48
11910.10	3.92	3.56E+00	16.90	80.44	22.57	-0.07	0.55
11925.10	3.80	3.47E+00	16.90	79.64	22.95	-0.24	0.51
11940.10	3.93	3.59E+00	16.80	79.78	22.19	-0.15	0.52
11955.10	3.89	3.56E+00	16.80	80.55	22.62	-0.09	0.51
11970.10	3.88	3.53E+00	16.90	79.88	22.64	-0.28	0.55
11985.10	3.87	3.53E+00	16.90	79.48	22.50	-0.22	0.51
12000.10	3.97	3.62E+00	16.90	80.07	22.14	-0.21	0.53
12015.10	3.91	3.56E+00	16.90	80.61	22.62	-0.03	0.54
12030.10	3.84	3.52E+00	16.90	79.82	22.69	-0.14	0.50
12045.10	3.87	3.52E+00	16.80	79.41	22.53	0.00	0.53
12060.10	3.95	3.61E+00	16.80	80.27	22.21	-0.03	0.50
12075.10	3.89	3.55E+00	16.80	80.21	22.58	-0.13	0.52
12090.10	3.84	3.50E+00	16.80	79.48	22.73	-0.14	0.53
12105.10	3.91	3.57E+00	16.80	79.74	22.32	-0.11	0.51
12120.10	3.92	3.57E+00	16.80	80.66	22.62	0.05	0.54
12135.10	3.89	3.55E+00	16.80	80.14	22.58	-0.06	0.52
12150.10	3.86	3.52E+00	16.80	79.26	22.53	-0.10	0.52
12165.10	3.98	3.64E+00	16.80	80.21	22.04	-0.02	0.51
12180.10	3.92	3.58E+00	16.80	80.34	22.45	-0.08	0.53
12195.10	3.90	3.56E+00	16.80	80.13	22.50	-0.11	0.52
12210.10	3.81	3.50E+00	16.80	79.11	22.63	-0.06	0.47
12225.10	3.91	3.58E+00	16.80	79.81	22.29	-0.05	0.50
12240.10	3.97	3.62E+00	16.80	80.79	22.29	-0.13	0.53
12255.10	3.84	3.53E+00	16.80	79.76	22.61	-0.06	0.47
12270.10	3.90	3.57E+00	16.80	79.37	22.25	0.27	0.52
12285.10	4.03	3.68E+00	17.00	80.52	21.88	0.40	0.53
12300.10	3.92	3.57E+00	17.00	80.68	22.60	0.49	0.53
12315.10	3.89	3.55E+00	17.10	79.74	22.49	0.48	0.54
12330.10	3.86	3.53E+00	17.10	79.53	22.51	0.43	0.50

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
12345.11	3.96	3.64E+00	17.20	80.30	22.08	0.33	0.48
12360.10	3.89	3.55E+00	17.20	80.60	22.70	0.32	0.52
12375.10	3.84	3.49E+00	17.30	79.74	22.84	0.05	0.53
12390.10	3.89	3.57E+00	17.40	79.63	22.32	0.13	0.47
12405.10	3.89	3.57E+00	17.50	80.41	22.49	0.04	0.47
12420.10	3.87	3.51E+00	17.50	80.32	22.91	-0.02	0.57
12435.10	3.83	3.50E+00	17.50	79.59	22.75	-0.15	0.51
12450.10	3.89	3.55E+00	17.60	79.92	22.50	-0.19	0.52
12465.10	3.88	3.54E+00	17.60	80.29	22.65	-0.55	0.50
12480.10	3.89	3.55E+00	17.60	80.44	22.67	-0.75	0.53
12495.10	3.81	3.47E+00	17.60	79.52	22.95	-0.85	0.53
12510.10	3.88	3.54E+00	17.60	79.51	22.47	-0.79	0.53
12525.10	3.89	3.57E+00	17.60	80.41	22.52	-0.78	0.47
12540.10	3.85	3.52E+00	17.50	80.61	22.89	-0.72	0.49
12555.10	3.78	3.44E+00	17.50	79.36	23.04	-0.66	0.52
12570.10	3.88	3.57E+00	17.60	79.80	22.38	-0.57	0.47
12585.10	3.92	3.59E+00	17.60	80.39	22.40	-0.50	0.51
12600.10	3.85	3.51E+00	17.50	80.12	22.84	-0.44	0.51
12615.10	3.84	3.49E+00	17.50	79.50	22.76	-0.43	0.53
12630.10	3.93	3.58E+00	17.50	79.85	22.33	-0.25	0.54
12645.10	3.91	3.58E+00	17.50	80.34	22.46	-0.43	0.50
12660.10	3.91	3.57E+00	17.50	80.45	22.52	-0.21	0.52
12675.14	3.81	3.48E+00	17.50	79.80	22.93	-0.19	0.50
12690.16	3.83	3.49E+00	17.50	79.25	22.68	-0.24	0.52
12705.21	3.90	3.58E+00	17.50	80.07	22.39	-0.25	0.49
12720.21	3.95	3.60E+00	17.50	80.51	22.33	-0.18	0.53
12735.22	3.90	3.55E+00	17.50	80.52	22.67	-0.16	0.54
12750.22	3.81	3.47E+00	17.50	79.14	22.81	-0.26	0.52
12765.22	3.92	3.58E+00	17.50	79.58	22.23	-0.10	0.51
12780.22	4.01	3.63E+00	17.50	81.05	22.33	-0.02	0.60
12795.21	3.83	3.49E+00	17.50	80.03	22.91	-0.04	0.51
12810.21	3.82	3.49E+00	17.50	79.26	22.71	-0.03	0.50
12825.21	3.94	3.61E+00	17.40	80.09	22.21	-0.01	0.51
12840.22	3.95	3.58E+00	17.50	80.68	22.52	-0.14	0.58
12855.23	3.84	3.51E+00	17.50	79.78	22.76	0.00	0.51
12870.24	3.85	3.50E+00	17.40	79.25	22.62	-0.01	0.53
12885.23	3.94	3.60E+00	17.50	80.42	22.33	-0.01	0.51
12900.23	3.88	3.55E+00	17.50	80.13	22.59	0.05	0.51
12915.23	3.85	3.52E+00	17.50	79.71	22.62	-0.00	0.50
12930.24	3.87	3.56E+00	17.40	79.62	22.37	0.00	0.47
12945.23	3.94	3.58E+00	17.50	80.51	22.47	-0.03	0.56
12960.26	3.84	3.50E+00	17.50	79.46	22.68	0.01	0.52
12975.29	3.96	3.61E+00	17.40	79.70	22.07	0.06	0.53
12990.34	3.96	3.62E+00	17.50	80.43	22.24	0.02	0.52
13005.34	3.93	3.57E+00	17.50	80.26	22.46	-0.04	0.55
13020.40	3.88	3.53E+00	17.50	79.57	22.56	-0.06	0.54
13035.43	3.93	3.60E+00	17.50	79.58	22.11	-0.05	0.50
13050.45	4.02	3.67E+00	17.50	80.53	21.93	0.03	0.52
13065.49	3.90	3.56E+00	17.40	80.58	22.66	-0.00	0.51
13080.51	3.85	3.51E+00	17.40	79.50	22.63	-0.07	0.51
13095.53	3.93	3.58E+00	17.50	79.32	22.13	0.09	0.52

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
13110.54	3.99	3.66E+00	17.40	80.55	22.04	0.08	0.50
13125.54	3.91	3.57E+00	17.40	80.32	22.47	-0.02	0.52
13140.60	3.93	3.57E+00	17.40	79.88	22.35	-0.00	0.55
13155.64	3.86	3.52E+00	17.40	79.31	22.51	-0.06	0.51
13170.64	3.94	3.61E+00	17.40	79.95	22.12	-0.08	0.49
13185.63	3.95	3.60E+00	17.40	80.73	22.43	-0.02	0.55
13200.64	3.83	3.50E+00	17.40	79.59	22.71	0.04	0.50
13215.65	3.90	3.57E+00	17.40	79.05	22.16	-0.09	0.51
13230.65	3.99	3.65E+00	17.30	80.33	22.00	-0.03	0.52
13245.65	3.99	3.64E+00	17.40	80.80	22.22	0.00	0.55
13260.65	3.90	3.56E+00	17.40	79.80	22.40	0.00	0.52
13275.65	3.86	3.54E+00	17.40	79.30	22.40	0.04	0.48
13290.65	3.99	3.65E+00	17.40	80.23	21.97	0.02	0.51
13305.65	3.91	3.58E+00	17.40	80.12	22.38	0.09	0.50
13320.65	3.92	3.58E+00	17.40	79.72	22.28	0.02	0.53
13335.65	4.03	3.67E+00	17.40	80.24	21.86	-0.08	0.55
13350.65	3.97	3.61E+00	17.40	80.24	22.22	0.05	0.55
13365.65	3.88	3.53E+00	17.40	79.36	22.46	0.03	0.53
13380.65	3.97	3.65E+00	17.40	79.89	21.87	-0.01	0.48
13395.65	3.98	3.66E+00	17.40	80.72	22.06	0.03	0.48
13410.65	3.92	3.59E+00	17.40	79.88	22.27	-0.00	0.50
13425.65	3.93	3.59E+00	17.40	79.56	22.14	0.03	0.52
13440.65	4.07	3.71E+00	17.40	80.59	21.70	0.05	0.55
13455.65	3.97	3.61E+00	17.40	80.18	22.22	0.00	0.55
13470.65	3.95	3.63E+00	17.40	79.93	22.03	-0.02	0.50
13485.68	3.94	3.60E+00	17.40	79.21	22.02	0.01	0.52
13500.70	3.98	3.66E+00	17.40	80.37	21.95	-0.01	0.47
13515.75	3.99	3.65E+00	17.40	80.38	22.04	-0.08	0.51
13530.75	3.89	3.55E+00	17.40	79.61	22.41	0.12	0.51
13545.80	3.98	3.66E+00	17.40	79.47	21.72	-0.08	0.48
13560.87	3.99	3.66E+00	17.30	80.43	21.96	0.13	0.49
13575.88	3.97	3.63E+00	17.30	80.10	22.09	0.03	0.53
13590.92	3.95	3.60E+00	17.40	79.57	22.12	0.00	0.55
13605.93	3.97	3.64E+00	17.40	80.15	22.00	-0.04	0.50
13620.93	3.98	3.64E+00	17.40	80.35	22.09	-0.02	0.52
13635.94	3.94	3.59E+00	17.40	79.65	22.21	0.10	0.55
13650.96	3.97	3.63E+00	17.30	79.55	21.93	-0.06	0.52
13666.00	3.97	3.65E+00	17.30	80.29	21.99	0.07	0.48
13681.00	4.03	3.67E+00	17.40	80.58	21.94	0.13	0.54
13696.04	3.95	3.61E+00	17.40	79.66	22.05	0.04	0.51
13711.06	3.93	3.63E+00	17.40	79.46	21.86	-0.02	0.43
13726.09	4.05	3.70E+00	17.40	80.26	21.67	0.06	0.53
13741.09	3.98	3.64E+00	17.40	80.39	22.09	0.03	0.51
13756.09	3.90	3.58E+00	17.30	79.49	22.19	0.03	0.49
13771.09	4.01	3.67E+00	17.20	79.89	21.75	0.01	0.51
13786.09	4.02	3.67E+00	17.30	80.25	21.86	-0.02	0.53
13801.09	4.04	3.70E+00	17.40	80.46	21.76	-0.00	0.52
13816.09	3.97	3.63E+00	17.40	80.03	22.04	0.03	0.52
13831.09	3.95	3.60E+00	17.40	79.24	21.99	0.07	0.54
13846.09	4.00	3.67E+00	17.30	79.93	21.77	0.05	0.49
13861.09	4.12	3.79E+00	17.30	81.14	21.43	0.07	0.51

Timer [s]	Feed pressure [bar]	TMP [bar]	Temperature [degC]	Flux_exp [LMH]	Permeability_exp [LMH/bar]	Direct EC rejection [%]	dP membrane [bar]
13876.09	3.96	3.61E+00	17.30	80.00	22.18	0.09	0.54
13891.08	3.91	3.59E+00	17.40	79.34	22.10	0.10	0.49
13906.09	4.00	3.67E+00	17.40	79.72	21.74	0.01	0.51
13921.08	4.03	3.68E+00	17.40	80.99	22.01	0.01	0.54
13936.09	3.97	3.62E+00	17.30	80.06	22.14	-0.02	0.55
13951.09	3.96	3.60E+00	17.30	79.22	21.99	0.11	0.55
13966.08	3.99	3.66E+00	17.30	79.70	21.78	-0.01	0.51
13981.09	4.03	3.68E+00	17.30	80.82	21.95	0.03	0.54
13996.09	3.99	3.65E+00	17.30	80.33	21.99	0.06	0.52
14011.09	3.91	3.57E+00	17.30	79.08	22.13	0.06	0.50
14026.08	4.06	3.73E+00	17.30	80.08	21.47	0.12	0.49
14041.09	4.06	3.71E+00	17.30	80.67	21.77	0.07	0.54
14056.10	3.94	3.62E+00	17.30	79.85	22.09	0.04	0.50
14071.10	3.96	3.66E+00	17.30	79.45	21.74	0.01	0.46
14086.11	4.04	3.68E+00	17.30	80.18	21.76	0.02	0.56
14101.11	4.01	3.68E+00	17.30	80.36	21.84	0.07	0.50
14116.11	3.96	3.62E+00	17.30	79.60	21.98	0.12	0.52
14131.10	4.05	3.72E+00	17.30	80.20	21.58	0.11	0.49
14146.11	3.99	3.64E+00	17.30	80.02	22.01	0.09	0.55
14161.10	4.02	3.68E+00	17.30	79.60	21.64	0.14	0.51
14176.10	4.05	3.71E+00	17.30	80.36	21.64	0.11	0.51
14191.11	3.98	3.65E+00	17.30	80.01	21.94	0.10	0.51
14206.10	3.97	3.65E+00	17.30	79.46	21.79	0.11	0.48
14221.10	4.05	3.70E+00	17.30	80.07	21.66	0.11	0.54
14236.10	4.03	3.70E+00	17.30	80.28	21.71	-0.04	0.51
14251.12	4.02	3.69E+00	17.30	80.23	21.72	0.01	0.49
14266.12	3.99	3.64E+00	17.30	79.48	21.82	0.04	0.54
14281.12	4.08	3.73E+00	17.30	80.19	21.51	0.08	0.52
14296.12	4.03	3.70E+00	17.30	80.41	21.76	0.00	0.50
14311.12	3.98	3.64E+00	17.30	79.50	21.83	0.03	0.52
14326.12	4.01	3.71E+00	17.30	79.76	21.52	0.15	0.44
14341.12	4.08	3.73E+00	17.30	80.48	21.55	0.06	0.53
14356.12	4.00	3.66E+00	17.30	80.17	21.90	0.15	0.52
14371.12	3.98	3.64E+00	17.30	79.29	21.81	0.10	0.53
14386.12	4.05	3.70E+00	17.30	79.83	21.56	0.02	0.53
14401.12	4.08	3.74E+00	17.30	80.80	21.58	0.15	0.50
14416.12	3.98	3.64E+00	17.30	79.93	21.98	0.02	0.52
14431.12	3.97	3.63E+00	17.30	78.34	21.56	0.05	0.51
14446.12	4.18	3.82E+00	17.30	80.47	21.04	-0.01	0.54
14461.12	4.09	3.74E+00	17.30	80.91	21.62	0.06	0.52
14476.12	3.95	3.63E+00	17.30	79.65	21.97	0.04	0.49
14491.12	4.05	3.72E+00	17.30	79.46	21.38	0.10	0.50
14506.12	4.09	3.73E+00	17.30	80.06	21.47	0.05	0.56
14521.12	4.07	3.73E+00	17.30	80.31	21.55	0.13	0.52
14536.12	4.10	3.75E+00	17.30	80.39	21.41	0.07	0.54
14551.12	4.00	3.65E+00	17.30	79.63	21.83	0.06	0.55
14566.12	4.08	3.74E+00	17.30	79.40	21.23	0.02	0.52
14581.12	4.10	3.75E+00	17.30	80.41	21.43	-0.12	0.53
14596.12	4.07	3.72E+00	17.30	80.30	21.57	0.04	0.52
14611.12	4.00	3.64E+00	17.30	79.66	21.87	-0.03	0.56
14626.12	4.05	3.72E+00	17.30	79.55	21.40	-0.05	0.50

Timer [s]	*Feed pressure [bar]*	*TMP [bar]*	*Temperature [degC]*	*Flux_exp [LMH]*	*Permeability_exp [LMH/bar]*	*Direct EC rejection [%] [bar]*	*dP membrane*
14641.12	4.20	3.85E+00	17.30	80.65	20.96	-0.02	0.54
14656.12	4.01	3.68E+00	17.30	80.27	21.84	-0.01	0.51
14671.12	4.00	3.66E+00	17.30	79.44	21.73	0.02	0.52
14686.12	4.11	3.77E+00	17.30	79.64	21.13	-0.03	0.52
14701.12	4.11	3.77E+00	17.30	80.39	21.35	-0.01	0.52
14716.12	4.09	3.73E+00	17.30	80.36	21.52	-0.06	0.54
14731.12	4.04	3.69E+00	17.30	79.39	21.49	0.11	0.53
14746.12	4.14	3.79E+00	17.30	79.98	21.13	0.06	0.54
14761.12	4.10	3.76E+00	17.30	80.44	21.37	0.05	0.49
14776.12	4.03	3.69E+00	17.30	80.03	21.69	0.10	0.53
14791.12	4.03	3.69E+00	17.30	79.37	21.54	0.02	0.53
14806.12	4.11	3.78E+00	17.30	80.04	21.18	0.12	0.49
14821.12	4.13	3.77E+00	17.30	80.59	21.35	0.11	0.54
14836.12	4.01	3.68E+00	17.30	79.75	21.68	0.07	0.49
14851.12	4.09	3.77E+00	17.30	79.68	21.15	0.12	0.47
14866.12	4.13	3.78E+00	17.30	80.19	21.22	0.20	0.52
14881.12	4.09	3.76E+00	17.20	80.33	21.38	0.10	0.49
14896.12	4.09	3.74E+00	17.30	79.86	21.33	0.16	0.53
14911.12	4.05	3.72E+00	17.30	79.53	21.41	0.20	0.51
14926.12	4.13	3.79E+00	17.30	80.01	21.11	0.13	0.50
14941.12	4.13	3.79E+00	17.30	80.26	21.20	0.11	0.53
14956.12	4.11	3.77E+00	17.30	80.38	21.34	0.12	0.51
14971.12	4.08	3.74E+00	17.30	79.86	21.37	0.09	0.53
14986.12	4.10	3.75E+00	17.30	79.60	21.21	0.18	0.52
15001.12	4.13	3.81E+00	17.30	79.94	20.96	0.10	0.46
15016.12	4.14	3.79E+00	17.30	80.56	21.25	0.09	0.53
15031.12	4.02	3.70E+00	17.30	79.69	21.57	0.16	0.49
15046.12	4.12	3.77E+00	17.30	79.37	21.06	0.18	0.54
15061.12	4.19	3.84E+00	17.30	80.52	20.94	0.10	0.52
15076.12	4.09	3.76E+00	17.30	80.29	21.34	0.13	0.49
15091.12	4.06	3.71E+00	17.30	79.34	21.40	0.09	0.54
15106.12	4.10	3.78E+00	17.30	79.65	21.08	0.22	0.48
15121.12	4.17	3.82E+00	17.30	80.78	21.13	0.21	0.53
15136.12	4.15	3.79E+00	17.30	80.28	21.19	0.20	0.55
15151.12	4.07	3.73E+00	17.30	79.33	21.24	0.19	0.50
15166.12	4.16	3.82E+00	17.30	80.03	20.95	0.14	0.50
15181.13	4.17	3.82E+00	17.30	80.29	21.01	0.15	0.54
15196.15	4.13	3.80E+00	17.30	80.32	21.15	0.16	0.49