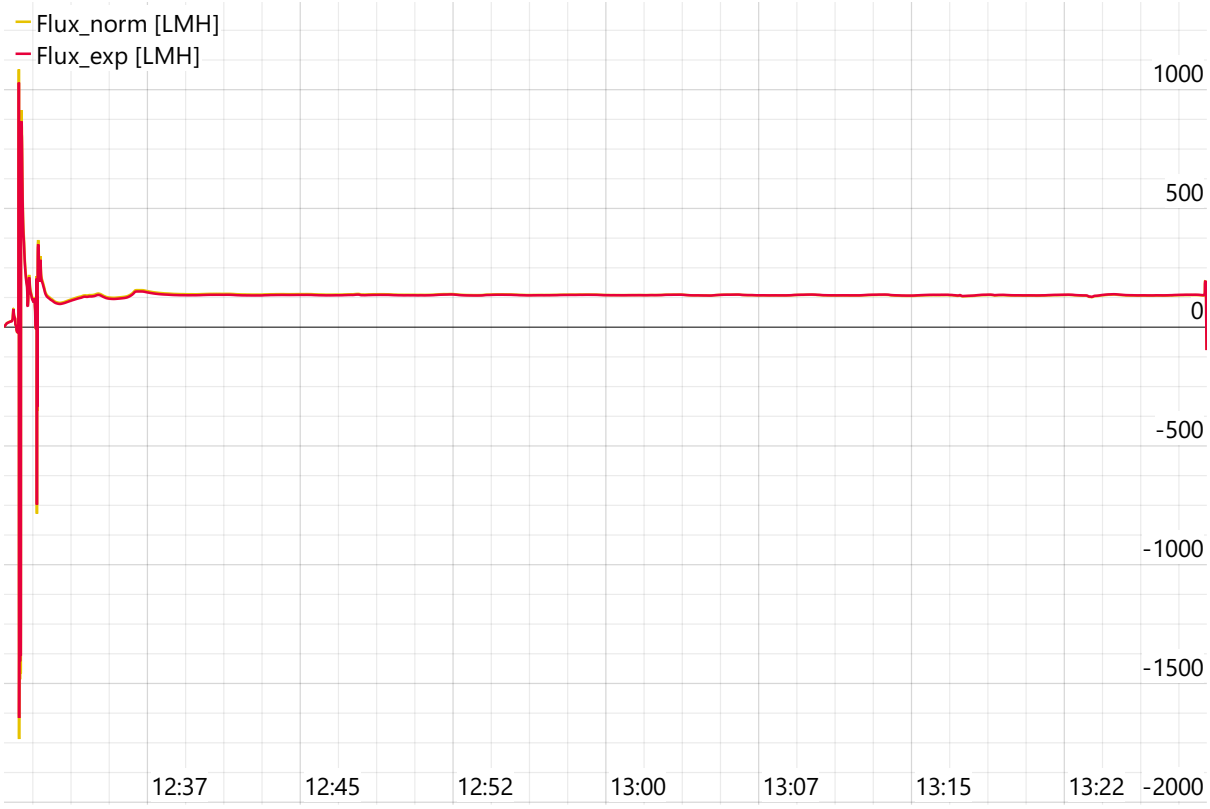
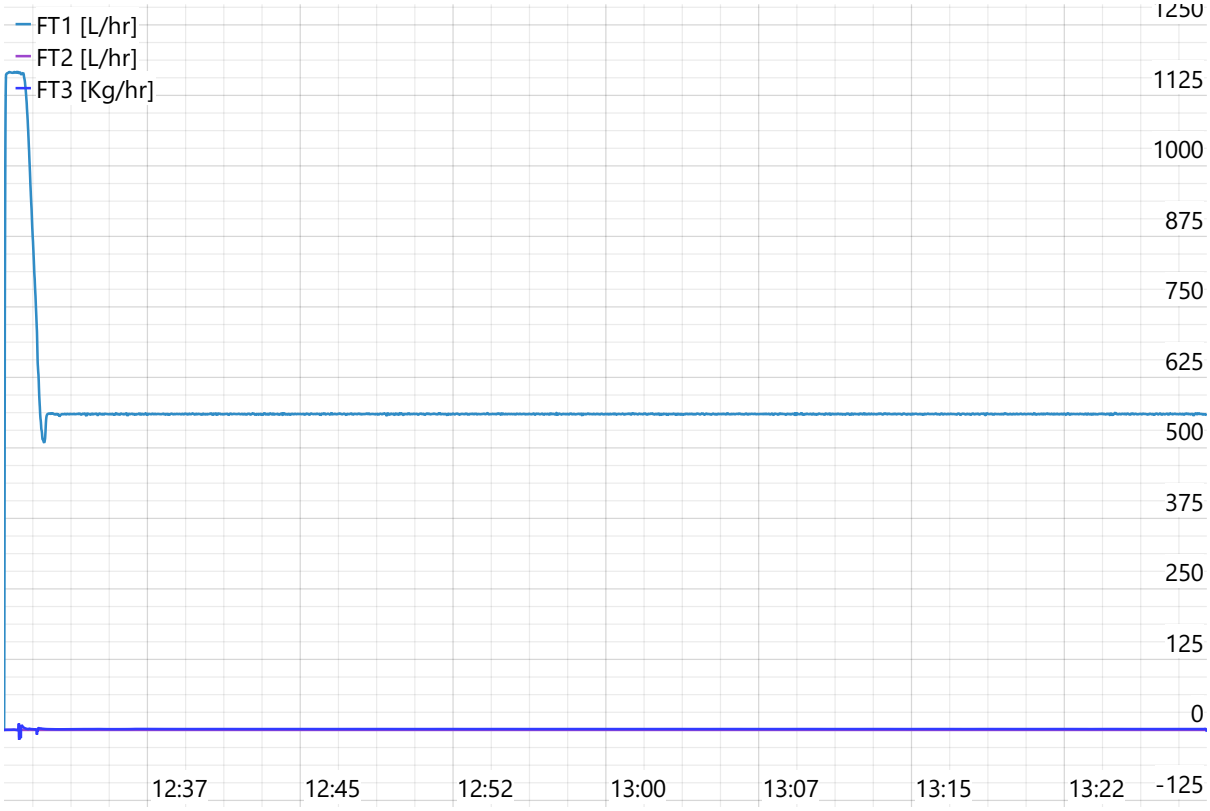
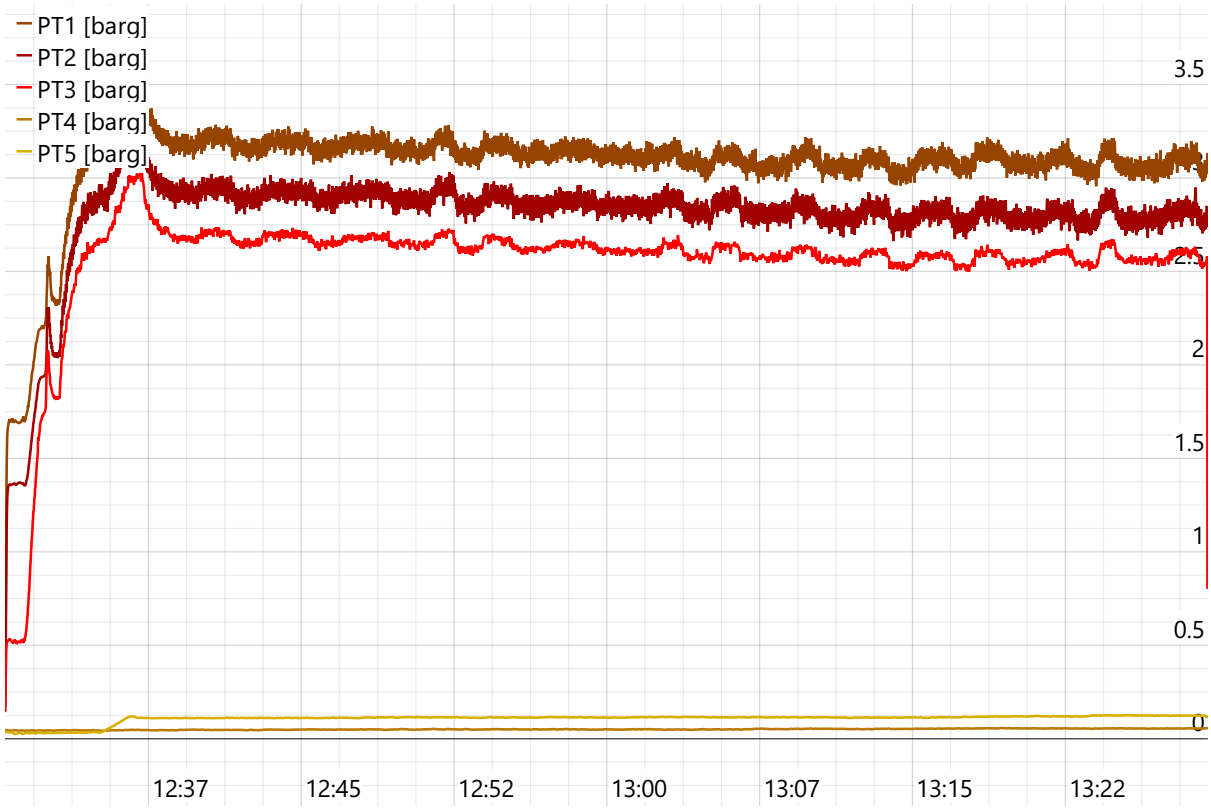
# Recirculation report



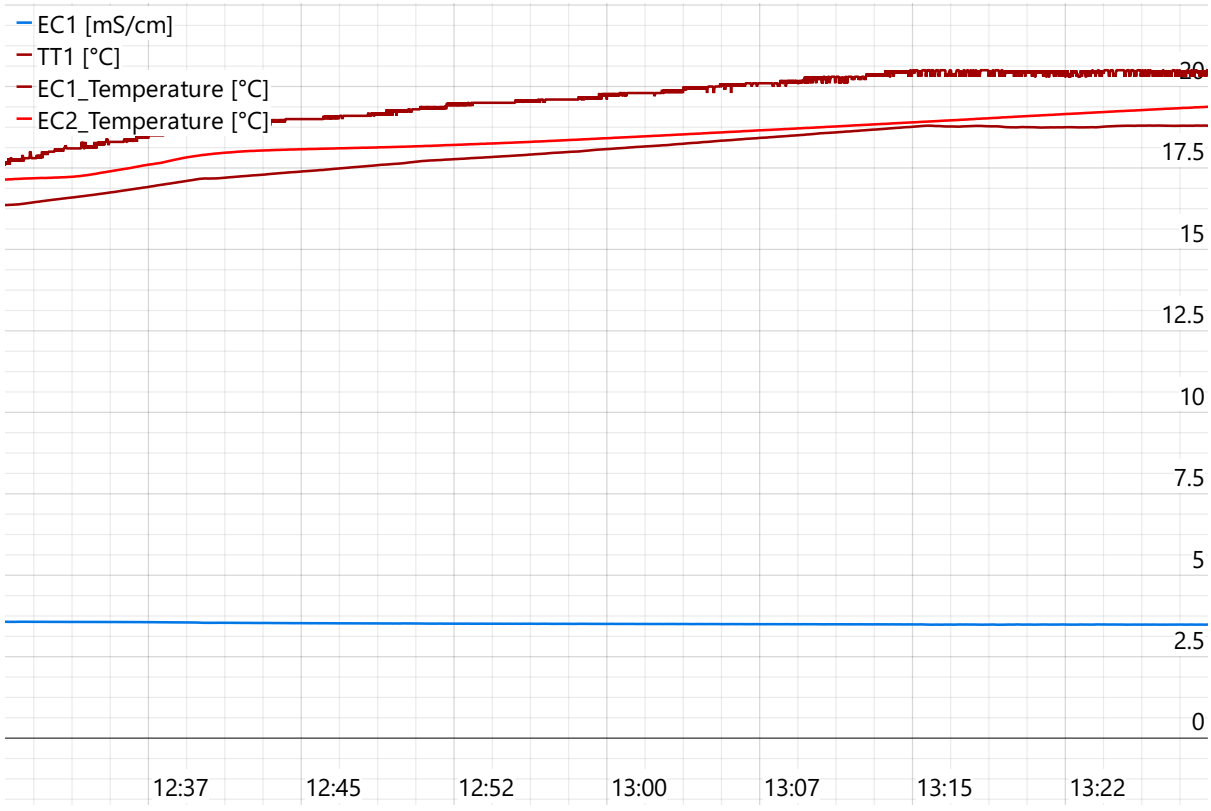

*FLUX*




*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]* |
|---|---|---|---|---|---|---|---|
| 89.14 | 1.76 | 1.53E+00 | 17.80 | 118.03 | 77.20 | 69.37 | 0.42 |

| Timer [s] | Feed pressure [bar] | TMP [bar] | Temperature [degC] | Flux_exp [LMH] | Permeability_exp [LMH/bar] | Direct EC rejection [%] | dP membrane [bar] |
|---|---|---|---|---|---|---|---|
| 104.14 | 1.93 | 1.77E+00 | 17.80 | 224.57 | 126.56 | 69.03 | 0.23 |
| 119.14 | 1.95 | 1.83E+00 | 18.00 | 149.22 | 81.35 | 70.45 | 0.18 |
| 134.14 | 2.11 | 1.97E+00 | 18.00 | 118.58 | 60.20 | 71.01 | 0.22 |
| 149.14 | 2.05 | 1.91E+00 | 18.10 | 103.04 | 53.99 | 71.38 | 0.22 |
| 164.14 | 2.16 | 2.03E+00 | 18.10 | 97.67 | 48.19 | 72.61 | 0.21 |
| 179.16 | 2.43 | 2.28E+00 | 18.10 | 102.89 | 45.16 | 72.59 | 0.24 |
| 194.17 | 2.53 | 2.41E+00 | 18.10 | 110.50 | 45.91 | 71.98 | 0.17 |
| 209.17 | 2.73 | 2.59E+00 | 18.10 | 117.34 | 45.37 | 72.06 | 0.23 |
| 224.17 | 2.73 | 2.61E+00 | 18.10 | 123.33 | 47.22 | 72.92 | 0.17 |
| 239.17 | 2.77 | 2.63E+00 | 18.20 | 128.40 | 48.74 | 73.97 | 0.21 |
| 254.17 | 2.87 | 2.72E+00 | 18.20 | 129.10 | 47.54 | 74.37 | 0.23 |
| 269.17 | 2.85 | 2.72E+00 | 18.20 | 132.95 | 48.86 | 75.06 | 0.20 |
| 284.17 | 2.97 | 2.77E+00 | 18.20 | 133.06 | 47.98 | 75.14 | 0.31 |
| 299.17 | 2.92 | 2.75E+00 | 18.30 | 122.78 | 44.65 | 75.83 | 0.25 |
| 314.17 | 2.95 | 2.78E+00 | 18.30 | 119.32 | 42.91 | 75.40 | 0.21 |
| 329.17 | 3.01 | 2.85E+00 | 18.30 | 119.36 | 41.93 | 75.82 | 0.16 |
| 344.17 | 3.10 | 2.90E+00 | 18.30 | 121.26 | 41.84 | 76.17 | 0.22 |
| 359.17 | 3.10 | 2.91E+00 | 18.30 | 124.43 | 42.75 | 76.16 | 0.16 |
| 374.18 | 3.29 | 3.03E+00 | 18.40 | 134.52 | 44.39 | 75.53 | 0.29 |
| 389.17 | 3.25 | 3.02E+00 | 18.40 | 150.25 | 49.81 | 73.43 | 0.23 |
| 404.17 | 3.30 | 3.04E+00 | 18.40 | 150.31 | 49.52 | 72.91 | 0.30 |
| 419.25 | 3.06 | 2.83E+00 | 18.50 | 147.08 | 51.91 | 74.06 | 0.23 |
| 434.28 | 2.93 | 2.75E+00 | 18.50 | 143.30 | 52.08 | 73.32 | 0.14 |
| 449.31 | 2.96 | 2.73E+00 | 18.50 | 140.39 | 51.35 | 69.21 | 0.23 |
| 464.36 | 2.96 | 2.73E+00 | 18.50 | 138.27 | 50.66 | 63.53 | 0.23 |
| 479.39 | 2.98 | 2.74E+00 | 18.60 | 137.11 | 50.12 | 62.02 | 0.26 |
| 494.39 | 2.95 | 2.70E+00 | 18.50 | 135.88 | 50.41 | 56.94 | 0.28 |
| 509.39 | 2.96 | 2.70E+00 | 18.60 | 135.05 | 49.93 | 53.40 | 0.28 |
| 524.43 | 3.01 | 2.74E+00 | 18.60 | 134.71 | 49.18 | 50.64 | 0.31 |
| 539.45 | 2.89 | 2.68E+00 | 18.60 | 134.35 | 50.19 | 48.34 | 0.20 |
| 554.46 | 2.86 | 2.65E+00 | 18.70 | 134.55 | 50.68 | 46.09 | 0.20 |
| 569.46 | 2.94 | 2.70E+00 | 18.80 | 134.65 | 49.81 | 43.22 | 0.25 |
| 584.50 | 2.98 | 2.74E+00 | 18.80 | 135.56 | 49.44 | 40.10 | 0.26 |
| 599.53 | 3.00 | 2.74E+00 | 18.80 | 136.15 | 49.78 | 37.62 | 0.30 |
| 614.57 | 2.93 | 2.72E+00 | 18.80 | 136.32 | 50.13 | 35.79 | 0.21 |
| 629.58 | 2.93 | 2.72E+00 | 18.80 | 136.44 | 50.15 | 33.30 | 0.19 |
| 644.64 | 2.92 | 2.70E+00 | 18.80 | 136.34 | 50.51 | 32.34 | 0.22 |
| 659.64 | 2.92 | 2.69E+00 | 18.80 | 136.50 | 50.68 | 31.08 | 0.24 |
| 674.68 | 2.89 | 2.67E+00 | 18.80 | 135.82 | 50.78 | 28.37 | 0.22 |
| 689.71 | 2.87 | 2.65E+00 | 18.80 | 134.62 | 50.74 | 27.73 | 0.22 |
| 704.77 | 2.84 | 2.64E+00 | 18.80 | 133.96 | 50.77 | 27.12 | 0.18 |
| 719.82 | 2.86 | 2.65E+00 | 18.80 | 133.82 | 50.52 | 26.48 | 0.20 |
| 734.85 | 2.91 | 2.66E+00 | 18.80 | 133.64 | 50.22 | 24.99 | 0.28 |
| 749.86 | 2.93 | 2.69E+00 | 18.90 | 133.67 | 49.77 | 23.90 | 0.27 |
| 764.88 | 2.98 | 2.74E+00 | 18.90 | 134.29 | 49.00 | 22.20 | 0.26 |
| 779.88 | 2.95 | 2.72E+00 | 18.90 | 134.96 | 49.65 | 21.86 | 0.24 |
| 794.93 | 2.95 | 2.71E+00 | 19.00 | 135.43 | 50.00 | 21.00 | 0.27 |
| 809.94 | 2.98 | 2.74E+00 | 19.00 | 135.67 | 49.54 | 20.50 | 0.27 |
| 824.99 | 2.95 | 2.70E+00 | 19.00 | 135.82 | 50.30 | 19.50 | 0.27 |
| 839.99 | 2.90 | 2.68E+00 | 19.00 | 135.60 | 50.61 | 18.58 | 0.22 |
| 855.03 | 2.85 | 2.67E+00 | 19.00 | 135.71 | 50.87 | 18.25 | 0.14 |

| *Timer [s]* | *Feed pressure [bar]* | *TMP [bar]* | *Temperature [degC]* | *Flux_exp [LMH]* | *Permeability_exp [LMH/bar]* | *Direct EC rejection [%] [bar]* | *dP membrane* |
|---|---|---|---|---|---|---|---|
| 870.03 | 2.93 | 2.70E+00 | 19.00 | 135.96 | 50.35 | 17.50 | 0.24 |
| 885.03 | 2.96 | 2.71E+00 | 19.00 | 135.90 | 50.12 | 17.02 | 0.27 |
| 900.04 | 2.98 | 2.72E+00 | 19.00 | 135.87 | 49.87 | 16.28 | 0.29 |
| 915.03 | 2.92 | 2.67E+00 | 19.00 | 135.10 | 50.69 | 15.83 | 0.29 |
| 930.03 | 2.88 | 2.66E+00 | 19.00 | 134.40 | 50.61 | 14.76 | 0.23 |
| 945.03 | 2.82 | 2.62E+00 | 19.10 | 134.06 | 51.24 | 10.15 | 0.19 |
| 960.03 | 2.92 | 2.66E+00 | 19.10 | 133.92 | 50.29 | 10.14 | 0.29 |
| 975.03 | 2.96 | 2.70E+00 | 19.10 | 134.28 | 49.79 | 9.11 | 0.29 |
| 990.03 | 2.92 | 2.67E+00 | 19.10 | 134.39 | 50.42 | 8.88 | 0.28 |
| 1005.07 | 2.94 | 2.70E+00 | 19.10 | 135.02 | 50.01 | 8.48 | 0.26 |
| 1020.07 | 3.01 | 2.74E+00 | 19.10 | 135.66 | 49.52 | 8.32 | 0.32 |
| 1035.07 | 2.87 | 2.67E+00 | 19.10 | 136.55 | 51.12 | 7.63 | 0.19 |
| 1050.08 | 2.91 | 2.67E+00 | 19.10 | 134.93 | 50.51 | 7.46 | 0.26 |
| 1065.11 | 2.99 | 2.72E+00 | 19.10 | 134.75 | 49.46 | 7.52 | 0.30 |
| 1080.13 | 2.90 | 2.69E+00 | 19.10 | 135.47 | 50.31 | 8.36 | 0.19 |
| 1095.13 | 2.92 | 2.68E+00 | 19.10 | 135.91 | 50.66 | 7.90 | 0.25 |
| 1110.14 | 2.87 | 2.66E+00 | 19.20 | 136.14 | 51.10 | 7.47 | 0.18 |
| 1125.14 | 2.95 | 2.70E+00 | 19.10 | 136.01 | 50.37 | 7.26 | 0.27 |
| 1140.14 | 2.84 | 2.63E+00 | 19.10 | 135.43 | 51.43 | 7.14 | 0.19 |
| 1155.14 | 2.84 | 2.61E+00 | 19.30 | 134.65 | 51.50 | 6.87 | 0.22 |
| 1170.14 | 2.85 | 2.64E+00 | 19.30 | 134.28 | 50.94 | 6.45 | 0.19 |
| 1185.14 | 2.83 | 2.63E+00 | 19.30 | 134.20 | 51.09 | 6.34 | 0.17 |
| 1200.14 | 2.88 | 2.64E+00 | 19.30 | 134.22 | 50.76 | 6.33 | 0.24 |
| 1215.14 | 2.91 | 2.64E+00 | 19.30 | 134.01 | 50.71 | 6.11 | 0.30 |
| 1230.14 | 2.92 | 2.66E+00 | 19.30 | 134.16 | 50.43 | 5.73 | 0.29 |
| 1245.14 | 2.91 | 2.67E+00 | 19.40 | 134.18 | 50.32 | 5.47 | 0.27 |
| 1260.14 | 2.89 | 2.66E+00 | 19.40 | 134.64 | 50.67 | 5.13 | 0.23 |
| 1275.14 | 2.94 | 2.71E+00 | 19.40 | 135.90 | 50.14 | 4.98 | 0.23 |
| 1290.14 | 2.98 | 2.73E+00 | 19.40 | 136.97 | 50.18 | 4.64 | 0.27 |
| 1305.14 | 2.92 | 2.70E+00 | 19.50 | 137.41 | 50.85 | 4.65 | 0.21 |
| 1320.14 | 3.01 | 2.75E+00 | 19.40 | 137.79 | 50.05 | 4.66 | 0.29 |
| 1335.14 | 2.90 | 2.64E+00 | 19.40 | 136.12 | 51.61 | 4.80 | 0.29 |
| 1350.14 | 2.83 | 2.62E+00 | 19.50 | 134.44 | 51.39 | 4.58 | 0.21 |
| 1365.14 | 2.90 | 2.65E+00 | 19.50 | 133.75 | 50.51 | 4.25 | 0.28 |
| 1380.14 | 2.89 | 2.64E+00 | 19.50 | 133.50 | 50.59 | 4.05 | 0.28 |
| 1394.16 | 2.80 | 2.60E+00 | 19.50 | 133.37 | 51.32 | 4.00 | 0.18 |
| 1409.16 | 2.92 | 2.68E+00 | 19.50 | 134.03 | 49.93 | 3.99 | 0.25 |
| 1424.16 | 2.92 | 2.67E+00 | 19.50 | 135.61 | 50.87 | 3.99 | 0.27 |
| 1439.16 | 2.98 | 2.73E+00 | 19.50 | 136.24 | 49.97 | 3.89 | 0.28 |
| 1454.16 | 2.90 | 2.67E+00 | 19.50 | 136.66 | 51.19 | 3.82 | 0.24 |
| 1469.16 | 2.86 | 2.64E+00 | 19.50 | 136.69 | 51.83 | 3.61 | 0.22 |
| 1484.16 | 2.94 | 2.70E+00 | 19.50 | 136.36 | 50.54 | 3.54 | 0.25 |
| 1499.16 | 2.90 | 2.64E+00 | 19.50 | 135.89 | 51.50 | 3.42 | 0.28 |
| 1514.16 | 2.89 | 2.64E+00 | 19.50 | 134.99 | 51.19 | 3.30 | 0.28 |
| 1529.16 | 2.79 | 2.60E+00 | 19.50 | 134.45 | 51.75 | 3.24 | 0.17 |
| 1544.16 | 2.91 | 2.64E+00 | 19.60 | 134.00 | 50.67 | 3.20 | 0.29 |
| 1559.16 | 2.86 | 2.63E+00 | 19.60 | 134.31 | 51.07 | 3.03 | 0.24 |
| 1574.16 | 2.81 | 2.60E+00 | 19.60 | 134.46 | 51.80 | 3.04 | 0.19 |
| 1589.16 | 2.81 | 2.60E+00 | 19.60 | 134.32 | 51.63 | 3.00 | 0.18 |
| 1604.16 | 2.80 | 2.59E+00 | 19.60 | 134.44 | 51.95 | 2.95 | 0.19 |
| 1619.16 | 2.88 | 2.65E+00 | 19.60 | 134.75 | 50.91 | 2.81 | 0.24 |

| *Timer [s]* | *Feed pressure [bar]* | *TMP [bar]* | *Temperature [degC]* | *Flux_exp [LMH]* | *Permeability_exp [LMH/bar]* | *Direct EC rejection [%] [bar]* | *dP membrane* |
|---|---|---|---|---|---|---|---|
| 1634.16 | 2.91 | 2.67E+00 | 19.60 | 135.33 | 50.65 | 2.79 | 0.25 |
| 1649.16 | 2.90 | 2.67E+00 | 19.60 | 135.66 | 50.86 | 2.79 | 0.24 |
| 1664.16 | 2.93 | 2.67E+00 | 19.60 | 135.82 | 50.94 | 2.67 | 0.29 |
| 1679.16 | 2.89 | 2.66E+00 | 19.60 | 135.82 | 51.13 | 2.60 | 0.24 |
| 1694.16 | 2.96 | 2.70E+00 | 19.60 | 136.21 | 50.54 | 2.64 | 0.30 |
| 1709.16 | 2.90 | 2.66E+00 | 19.60 | 136.30 | 51.24 | 2.57 | 0.26 |
| 1724.16 | 2.91 | 2.67E+00 | 19.60 | 136.34 | 51.15 | 2.45 | 0.26 |
| 1739.16 | 2.87 | 2.64E+00 | 19.70 | 136.17 | 51.51 | 2.42 | 0.22 |
| 1754.16 | 2.83 | 2.62E+00 | 19.70 | 135.50 | 51.78 | 2.36 | 0.21 |
| 1769.16 | 2.91 | 2.66E+00 | 19.80 | 134.86 | 50.71 | 2.29 | 0.28 |
| 1784.16 | 2.84 | 2.62E+00 | 19.80 | 134.55 | 51.42 | 2.31 | 0.22 |
| 1799.16 | 2.84 | 2.60E+00 | 19.70 | 134.49 | 51.76 | 2.20 | 0.26 |
| 1814.16 | 2.79 | 2.58E+00 | 19.80 | 134.41 | 52.18 | 2.20 | 0.21 |
| 1829.16 | 2.80 | 2.59E+00 | 19.80 | 134.45 | 51.90 | 2.16 | 0.20 |
| 1844.16 | 2.85 | 2.60E+00 | 19.80 | 134.58 | 51.82 | 2.10 | 0.27 |
| 1859.16 | 2.91 | 2.63E+00 | 19.80 | 134.72 | 51.13 | 2.01 | 0.31 |
| 1874.16 | 2.79 | 2.58E+00 | 19.80 | 134.74 | 52.21 | 2.00 | 0.18 |
| 1889.16 | 2.87 | 2.63E+00 | 19.80 | 134.54 | 51.14 | 2.00 | 0.26 |
| 1904.16 | 2.81 | 2.59E+00 | 19.80 | 134.93 | 52.06 | 1.94 | 0.19 |
| 1919.16 | 2.88 | 2.63E+00 | 19.80 | 134.81 | 51.35 | 1.90 | 0.27 |
| 1934.16 | 2.94 | 2.67E+00 | 19.80 | 135.19 | 50.60 | 1.83 | 0.29 |
| 1949.16 | 2.95 | 2.68E+00 | 19.80 | 136.34 | 50.81 | 1.86 | 0.31 |
| 1964.16 | 2.85 | 2.62E+00 | 19.80 | 136.50 | 52.06 | 1.83 | 0.23 |
| 1979.16 | 2.84 | 2.63E+00 | 19.90 | 136.70 | 51.93 | 1.78 | 0.19 |
| 1994.16 | 2.92 | 2.66E+00 | 19.90 | 136.76 | 51.37 | 1.78 | 0.29 |
| 2009.16 | 2.82 | 2.60E+00 | 19.90 | 135.25 | 52.10 | 1.72 | 0.22 |
| 2024.16 | 2.78 | 2.56E+00 | 20.00 | 134.21 | 52.34 | 1.66 | 0.20 |
| 2039.16 | 2.78 | 2.57E+00 | 20.00 | 134.08 | 52.25 | 1.71 | 0.20 |
| 2054.16 | 2.78 | 2.56E+00 | 20.00 | 133.74 | 52.25 | 1.63 | 0.20 |
| 2069.16 | 2.76 | 2.55E+00 | 20.00 | 133.43 | 52.37 | 1.62 | 0.20 |
| 2084.16 | 2.88 | 2.64E+00 | 20.00 | 133.54 | 50.60 | 1.60 | 0.26 |
| 2099.16 | 2.92 | 2.67E+00 | 20.00 | 135.37 | 50.68 | 1.55 | 0.27 |
| 2114.16 | 2.95 | 2.69E+00 | 20.00 | 136.46 | 50.81 | 1.48 | 0.30 |
| 2129.16 | 2.86 | 2.63E+00 | 20.10 | 136.95 | 52.00 | 1.47 | 0.22 |
| 2144.16 | 2.85 | 2.63E+00 | 20.10 | 137.06 | 52.18 | 1.50 | 0.21 |
| 2159.16 | 2.89 | 2.64E+00 | 20.10 | 137.35 | 51.97 | 1.47 | 0.25 |
| 2174.16 | 2.79 | 2.58E+00 | 20.10 | 135.89 | 52.62 | 1.46 | 0.19 |
| 2189.16 | 2.81 | 2.59E+00 | 20.10 | 135.12 | 52.19 | 1.40 | 0.21 |
| 2204.16 | 2.73 | 2.54E+00 | 20.10 | 135.01 | 53.15 | 1.40 | 0.15 |
| 2219.16 | 2.83 | 2.58E+00 | 20.10 | 134.25 | 52.04 | 1.38 | 0.26 |
| 2234.16 | 2.76 | 2.55E+00 | 20.10 | 134.33 | 52.67 | 1.33 | 0.18 |
| 2249.16 | 2.79 | 2.57E+00 | 20.10 | 134.06 | 52.07 | 1.35 | 0.21 |
| 2264.16 | 2.77 | 2.56E+00 | 20.10 | 134.02 | 52.40 | 1.31 | 0.20 |
| 2279.16 | 2.77 | 2.56E+00 | 20.00 | 133.96 | 52.42 | 1.29 | 0.20 |
| 2294.16 | 2.85 | 2.60E+00 | 20.10 | 134.06 | 51.47 | 1.27 | 0.27 |
| 2309.16 | 2.85 | 2.60E+00 | 20.10 | 134.32 | 51.67 | 1.27 | 0.27 |
| 2324.16 | 2.89 | 2.63E+00 | 20.20 | 135.51 | 51.51 | 1.26 | 0.28 |
| 2339.16 | 2.90 | 2.64E+00 | 20.20 | 136.36 | 51.56 | 1.25 | 0.29 |
| 2354.16 | 2.90 | 2.64E+00 | 20.20 | 136.75 | 51.80 | 1.27 | 0.28 |
| 2369.16 | 2.82 | 2.61E+00 | 20.30 | 137.29 | 52.52 | 1.22 | 0.19 |
| 2384.16 | 2.85 | 2.60E+00 | 20.20 | 137.24 | 52.74 | 1.22 | 0.27 |

| *Timer [s]* | *Feed pressure [bar]* | *TMP [bar]* | *Temperature [degC]* | *Flux_exp [LMH]* | *Permeability_exp [LMH/bar]* | *Direct EC rejection [%] [bar]* | *dP membrane* |
|---|---|---|---|---|---|---|---|
| 2399.16 | 2.83 | 2.58E+00 | 20.20 | 136.17 | 52.87 | 1.17 | 0.29 |
| 2414.16 | 2.77 | 2.56E+00 | 20.30 | 134.74 | 52.70 | 1.11 | 0.20 |
| 2429.16 | 2.77 | 2.55E+00 | 20.20 | 134.38 | 52.69 | 1.14 | 0.20 |
| 2444.16 | 2.78 | 2.56E+00 | 20.20 | 134.20 | 52.35 | 1.14 | 0.21 |
| 2459.16 | 2.72 | 2.53E+00 | 20.30 | 134.16 | 52.98 | 1.12 | 0.14 |
| 2474.16 | 2.79 | 2.56E+00 | 20.30 | 134.15 | 52.50 | 1.08 | 0.24 |
| 2489.16 | 2.75 | 2.53E+00 | 20.30 | 134.11 | 52.99 | 1.07 | 0.22 |
| 2504.16 | 2.76 | 2.55E+00 | 20.30 | 134.11 | 52.69 | 1.05 | 0.21 |
| 2519.16 | 2.78 | 2.57E+00 | 20.30 | 134.16 | 52.21 | 1.06 | 0.19 |
| 2534.16 | 2.83 | 2.59E+00 | 20.30 | 135.37 | 52.26 | 1.05 | 0.26 |
| 2549.16 | 2.85 | 2.62E+00 | 20.40 | 136.33 | 52.12 | 1.02 | 0.23 |
| 2564.16 | 2.79 | 2.59E+00 | 20.40 | 136.82 | 52.90 | 1.06 | 0.18 |
| 2579.16 | 2.81 | 2.59E+00 | 20.30 | 137.23 | 52.89 | 1.02 | 0.22 |
| 2594.16 | 2.85 | 2.60E+00 | 20.40 | 137.37 | 52.80 | 1.02 | 0.27 |
| 2609.16 | 2.78 | 2.54E+00 | 20.50 | 135.64 | 53.50 | 0.99 | 0.26 |
| 2624.16 | 2.83 | 2.57E+00 | 20.50 | 134.31 | 52.24 | 1.00 | 0.28 |
| 2639.16 | 2.74 | 2.51E+00 | 20.50 | 133.68 | 53.20 | 0.99 | 0.22 |
| 2654.16 | 2.78 | 2.53E+00 | 20.50 | 133.15 | 52.73 | 0.95 | 0.27 |
| 2669.16 | 2.81 | 2.56E+00 | 20.30 | 133.14 | 51.99 | 0.95 | 0.28 |
| 2684.16 | 2.83 | 2.60E+00 | 20.50 | 133.87 | 51.45 | 0.92 | 0.24 |
| 2699.16 | 2.87 | 2.61E+00 | 20.50 | 134.96 | 51.71 | 0.95 | 0.29 |
| 2714.16 | 2.84 | 2.61E+00 | 20.50 | 135.82 | 51.96 | 0.77 | 0.24 |
| 2729.16 | 2.79 | 2.57E+00 | 20.50 | 136.30 | 53.05 | 0.69 | 0.21 |
| 2744.16 | 2.82 | 2.58E+00 | 20.50 | 136.38 | 52.90 | 0.76 | 0.25 |
| 2759.16 | 2.80 | 2.59E+00 | 20.50 | 136.58 | 52.82 | 0.72 | 0.21 |
| 2774.16 | 2.80 | 2.58E+00 | 20.30 | 136.45 | 52.86 | 0.77 | 0.22 |
| 2789.16 | 2.76 | 2.54E+00 | 20.30 | 135.72 | 53.47 | 0.75 | 0.21 |
| 2804.16 | 2.83 | 2.57E+00 | 20.50 | 133.68 | 52.07 | 0.83 | 0.30 |
| 2819.16 | 2.82 | 2.56E+00 | 20.40 | 131.78 | 51.49 | 0.83 | 0.28 |
| 2834.16 | 2.81 | 2.56E+00 | 20.50 | 132.03 | 51.62 | 0.82 | 0.28 |
| 2849.16 | 2.84 | 2.58E+00 | 20.50 | 132.87 | 51.45 | 0.81 | 0.28 |
| 2864.16 | 2.87 | 2.61E+00 | 20.40 | 134.73 | 51.63 | 0.73 | 0.29 |
| 2879.16 | 2.90 | 2.62E+00 | 20.50 | 136.46 | 52.05 | 0.64 | 0.33 |
| 2894.16 | 2.79 | 2.58E+00 | 20.50 | 136.93 | 53.05 | 0.72 | 0.17 |
| 2909.16 | 2.76 | 2.56E+00 | 20.50 | 136.15 | 53.21 | 0.81 | 0.17 |
| 2924.16 | 2.82 | 2.59E+00 | 20.50 | 135.65 | 52.30 | 0.62 | 0.21 |
| 2939.16 | 2.77 | 2.55E+00 | 20.40 | 136.12 | 53.31 | 0.67 | 0.19 |
| 2954.16 | 2.73 | 2.52E+00 | 20.50 | 135.32 | 53.63 | 0.81 | 0.18 |
| 2969.16 | 2.78 | 2.54E+00 | 20.30 | 134.46 | 52.93 | 0.74 | 0.24 |
| 2984.16 | 2.80 | 2.56E+00 | 20.40 | 134.35 | 52.51 | 0.87 | 0.25 |
| 2999.16 | 2.81 | 2.57E+00 | 20.50 | 134.04 | 52.06 | 0.73 | 0.24 |
| 3014.16 | 2.84 | 2.58E+00 | 20.50 | 134.09 | 51.98 | 0.81 | 0.27 |
| 3029.16 | 2.78 | 2.56E+00 | 20.50 | 133.95 | 52.36 | 0.71 | 0.21 |
| 3044.16 | 2.70 | 2.51E+00 | 20.50 | 133.90 | 53.29 | 0.78 | 0.14 |
| 3059.16 | 2.76 | 2.54E+00 | 20.50 | 134.26 | 52.96 | 0.83 | 0.22 |
| 3074.16 | 2.87 | 2.61E+00 | 20.30 | 135.09 | 51.68 | 0.76 | 0.28 |
| 3089.16 | 2.88 | 2.63E+00 | 20.30 | 135.84 | 51.72 | 0.80 | 0.27 |
| 3104.16 | 2.81 | 2.58E+00 | 20.30 | 136.25 | 52.78 | 0.80 | 0.22 |
| 3119.16 | 2.87 | 2.63E+00 | 20.30 | 136.70 | 52.00 | 0.85 | 0.25 |
| 3134.16 | 2.81 | 2.58E+00 | 20.30 | 136.91 | 52.99 | 0.80 | 0.21 |
| 3149.16 | 2.79 | 2.55E+00 | 20.50 | 135.99 | 53.30 | 0.75 | 0.25 |

| *Timer [s]* | *Feed pressure [bar]* | *TMP [bar]* | *Temperature [degC]* | *Flux_exp [LMH]* | *Permeability_exp [LMH/bar]* | *Direct EC rejection [%] [bar]* | *dP membrane* |
|---|---|---|---|---|---|---|---|
| 3164.16 | 2.78 | 2.55E+00 | 20.30 | 134.48 | 52.72 | 0.86 | 0.22 |
| 3179.16 | 2.77 | 2.54E+00 | 20.30 | 133.79 | 52.70 | 0.80 | 0.22 |
| 3194.16 | 2.73 | 2.51E+00 | 20.30 | 128.78 | 51.26 | 0.78 | 0.19 |
| 3209.16 | 2.75 | 2.51E+00 | 20.50 | 131.90 | 52.58 | 0.84 | 0.23 |
| 3224.16 | 2.84 | 2.59E+00 | 20.40 | 133.66 | 51.52 | 0.89 | 0.24 |
| 3239.16 | 2.86 | 2.63E+00 | 20.50 | 136.53 | 51.83 | 0.87 | 0.20 |
| 3254.16 | 2.83 | 2.61E+00 | 20.50 | 138.12 | 52.84 | 0.81 | 0.18 |
| 3269.16 | 2.89 | 2.63E+00 | 20.30 | 138.85 | 52.74 | 0.82 | 0.27 |
| 3284.16 | 2.75 | 2.54E+00 | 20.50 | 137.17 | 54.09 | 0.82 | 0.18 |
| 3299.16 | 2.73 | 2.52E+00 | 20.40 | 135.55 | 53.83 | 0.73 | 0.18 |
| 3314.16 | 2.84 | 2.57E+00 | 20.50 | 134.69 | 52.33 | 0.75 | 0.28 |
| 3329.16 | 2.83 | 2.58E+00 | 20.40 | 134.23 | 52.06 | 0.78 | 0.25 |
| 3344.16 | 2.81 | 2.56E+00 | 20.40 | 134.12 | 52.29 | 0.77 | 0.25 |
| 3359.16 | 2.82 | 2.56E+00 | 20.40 | 134.14 | 52.38 | 0.80 | 0.27 |
| 3374.16 | 2.78 | 2.55E+00 | 20.40 | 133.96 | 52.63 | 0.77 | 0.22 |
| 3389.16 | 2.78 | 2.57E+00 | 20.40 | 134.18 | 52.30 | 0.77 | 0.19 |
| 3404.16 | 2.75 | 2.53E+00 | 20.40 | 134.25 | 52.98 | 0.75 | 0.17 |
| 3419.16 | 2.76 | 2.54E+00 | 20.50 | 134.17 | 52.89 | 0.76 | 0.20 |
| 3434.16 | 2.76 | 2.55E+00 | 20.40 | 134.79 | 52.89 | 0.78 | 0.18 |
| 3449.16 | 2.81 | 2.59E+00 | 20.50 | 135.68 | 52.46 | 0.80 | 0.20 |
| 3464.16 | 2.86 | 2.60E+00 | 20.30 | 136.21 | 52.34 | 0.84 | 0.26 |
| 3479.16 | 2.90 | 2.63E+00 | 20.50 | 136.72 | 52.06 | 0.76 | 0.30 |
| 3494.16 | 2.80 | 2.58E+00 | 20.50 | 136.76 | 53.11 | 0.84 | 0.19 |
| 3509.16 | 2.87 | 2.60E+00 | 20.50 | 136.78 | 52.51 | 0.76 | 0.27 |
| 3524.16 | 2.80 | 2.54E+00 | 20.40 | 135.54 | 53.46 | 0.81 | 0.28 |