

## LIMITED MEASUREMENT RANGE

Typical Measured Spectrum of Semrock FF01-538/40 Optical Filter

Values near or below 1e-6 are measurement noise limited.

Data format: Wavelength (nm) <tab> Transmission (0 to 1)

300.0	2.9929e-05
300.2	3.0179e-05
300.4	3.0432e-05
300.6	3.0686e-05
300.8	3.0942e-05
301.0	3.1201e-05
301.2	3.1462e-05
301.4	3.1725e-05
301.6	3.199e-05
301.8	3.2258e-05
302.0	3.2527e-05
302.2	3.3705e-05
302.4	3.4925e-05
302.6	3.6189e-05
302.8	3.7499e-05
303.0	3.8856e-05
303.2	4.0263e-05
303.4	4.172e-05
303.6	4.3231e-05
303.8	4.4795e-05
304.0	4.6417e-05
304.2	4.8327e-05
304.4	5.0315e-05
304.6	5.2385e-05
304.8	5.454e-05
305.0	5.6783e-05
305.2	5.912e-05
305.4	6.1552e-05
305.6	6.4084e-05
305.8	6.672e-05
306.0	6.9465e-05
306.2	6.9635e-05
306.4	6.9804e-05
306.6	6.9975e-05
306.8	7.0145e-05
307.0	7.0317e-05
307.2	7.0488e-05
307.4	7.066e-05
307.6	7.0832e-05
307.8	7.1005e-05
308.0	7.1178e-05
308.2	6.8544e-05
308.4	6.6008e-05
308.6	6.3565e-05
308.8	6.1212e-05
309.0	5.8947e-05
309.2	5.6766e-05
309.4	5.4665e-05
309.6	5.2642e-05

309.8 5.0694e-05  
310.0 4.8818e-05  
310.2 4.6885e-05  
310.4 4.5029e-05  
310.6 4.3247e-05  
310.8 4.1535e-05  
311.0 3.989e-05  
311.2 3.8311e-05  
311.4 3.6794e-05  
311.6 3.5338e-05  
311.8 3.3939e-05  
312.0 3.2595e-05  
312.2 3.1755e-05  
312.4 3.0936e-05  
312.6 3.0138e-05  
312.8 2.9361e-05  
313.0 2.8604e-05  
313.2 2.7867e-05  
313.4 2.7148e-05  
313.6 2.6448e-05  
313.8 2.5766e-05  
314.0 2.5102e-05  
314.2 2.4506e-05  
314.4 2.3924e-05  
314.6 2.3355e-05  
314.8 2.28e-05  
315.0 2.2259e-05  
315.2 2.173e-05  
315.4 2.1214e-05  
315.6 2.071e-05  
315.8 2.0218e-05  
316.0 1.9738e-05  
316.2 1.9204e-05  
316.4 1.8685e-05  
316.6 1.818e-05  
316.8 1.7688e-05  
317.0 1.721e-05  
317.2 1.6745e-05  
317.4 1.6292e-05  
317.6 1.5852e-05  
317.8 1.5423e-05  
318.0 1.5006e-05  
318.2 1.5261e-05  
318.4 1.552e-05  
318.6 1.5783e-05  
318.8 1.6051e-05  
319.0 1.6323e-05  
319.2 1.66e-05  
319.4 1.6882e-05  
319.6 1.7168e-05  
319.8 1.746e-05  
320.0 1.7756e-05  
320.2 1.8791e-05  
320.4 1.9886e-05

320.6 2.1045e-05  
320.8 2.2272e-05  
321.0 2.357e-05  
321.2 2.4944e-05  
321.4 2.6398e-05  
321.6 2.7937e-05  
321.8 2.9565e-05  
322.0 3.1288e-05  
322.2 3.3643e-05  
322.4 3.6174e-05  
322.6 3.8896e-05  
322.8 4.1823e-05  
323.0 4.4971e-05  
323.2 4.8355e-05  
323.4 5.1993e-05  
323.6 5.5906e-05  
323.8 6.0113e-05  
324.0 6.4636e-05  
324.2 6.9089e-05  
324.4 7.3848e-05  
324.6 7.8935e-05  
324.8 8.4373e-05  
325.0 9.0185e-05  
325.2 9.6398e-05  
325.4 1.0304e-04  
325.6 1.1014e-04  
325.8 1.1772e-04  
326.0 1.2583e-04  
326.2 1.2973e-04  
326.4 1.3376e-04  
326.6 1.379e-04  
326.8 1.4218e-04  
327.0 1.4658e-04  
327.2 1.5113e-04  
327.4 1.5581e-04  
327.6 1.6064e-04  
327.8 1.6562e-04  
328.0 1.7076e-04  
328.2 1.6956e-04  
328.4 1.6837e-04  
328.6 1.6719e-04  
328.8 1.6602e-04  
329.0 1.6486e-04  
329.2 1.637e-04  
329.4 1.6256e-04  
329.6 1.6142e-04  
329.8 1.6029e-04  
330.0 1.5916e-04  
330.2 1.5506e-04  
330.4 1.5106e-04  
330.6 1.4717e-04  
330.8 1.4338e-04  
331.0 1.3968e-04  
331.2 1.3608e-04

331.4 1.3258e-04  
331.6 1.2916e-04  
331.8 1.2583e-04  
332.0 1.2259e-04  
332.2 1.2026e-04  
332.4 1.1797e-04  
332.6 1.1573e-04  
332.8 1.1353e-04  
333.0 1.1138e-04  
333.2 1.0926e-04  
333.4 1.0718e-04  
333.6 1.0515e-04  
333.8 1.0315e-04  
334.0 1.0119e-04  
334.2 1.0257e-04  
334.4 1.0397e-04  
334.6 1.0539e-04  
334.8 1.0682e-04  
335.0 1.0828e-04  
335.2 1.0976e-04  
335.4 1.1126e-04  
335.6 1.1278e-04  
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336.2 1.1935e-04  
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336.6 1.2662e-04  
336.8 1.3042e-04  
337.0 1.3433e-04  
337.2 1.3836e-04  
337.4 1.4251e-04  
337.6 1.4678e-04  
337.8 1.5119e-04  
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338.2 1.5809e-04  
338.4 1.6049e-04  
338.6 1.6293e-04  
338.8 1.654e-04  
339.0 1.6791e-04  
339.2 1.7046e-04  
339.4 1.7305e-04  
339.6 1.7568e-04  
339.8 1.7835e-04  
340.0 1.8106e-04  
340.2 1.7823e-04  
340.4 1.7544e-04  
340.6 1.7269e-04  
340.8 1.6999e-04  
341.0 1.6732e-04  
341.2 1.647e-04  
341.4 1.6213e-04  
341.6 1.5959e-04  
341.8 1.5709e-04  
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342.4 1.4224e-04  
342.6 1.3643e-04  
342.8 1.3085e-04  
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343.2 1.2037e-04  
343.4 1.1545e-04  
343.6 1.1073e-04  
343.8 1.062e-04  
344.0 1.0186e-04  
344.2 9.9412e-05  
344.4 9.7022e-05  
344.6 9.4689e-05  
344.8 9.2413e-05  
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345.2 8.8023e-05  
345.4 8.5907e-05  
345.6 8.3841e-05  
345.8 8.1826e-05  
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346.2 8.0471e-05  
346.4 8.1089e-05  
346.6 8.1711e-05  
346.8 8.2338e-05  
347.0 8.2969e-05  
347.2 8.3606e-05  
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347.6 8.4894e-05  
347.8 8.5545e-05  
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356.6 1.3786e-04  
356.8 1.3472e-04  
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357.2 1.2865e-04  
357.4 1.2572e-04  
357.6 1.2286e-04  
357.8 1.2006e-04  
358.0 1.1733e-04  
358.2 1.1522e-04  
358.4 1.1315e-04  
358.6 1.1112e-04  
358.8 1.0912e-04  
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359.2 1.0524e-04  
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359.8 9.9666e-05  
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363.6 8.0301e-05

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366.8 1.3775e-04  
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367.2 1.5109e-04  
367.4 1.5824e-04  
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367.8 1.7358e-04  
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368.2 1.8017e-04  
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368.8 1.7539e-04  
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369.8 1.677e-04  
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371.8 8.4801e-05  
372.0 7.8692e-05  
372.2 7.1475e-05  
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377.8 1.9571e-05  
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378.4 2.0845e-05  
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379.6 2.5008e-05  
379.8 2.5778e-05  
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380.4 2.5954e-05  
380.6 2.565e-05  
380.8 2.5349e-05  
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381.6 2.4183e-05  
381.8 2.39e-05  
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382.2 2.2974e-05  
382.4 2.2345e-05  
382.6 2.1734e-05  
382.8 2.1139e-05  
383.0 2.056e-05  
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383.4 1.9451e-05  
383.6 1.8918e-05  
383.8 1.8401e-05  
384.0 1.7897e-05  
384.2 1.7638e-05  
384.4 1.7383e-05  
384.6 1.7131e-05  
384.8 1.6883e-05  
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385.2 1.6398e-05



385.4 1.616e-05  
385.6 1.5926e-05  
385.8 1.5695e-05  
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386.6 1.3399e-05  
386.8 1.2773e-05  
387.0 1.2176e-05  
387.2 1.1607e-05  
387.4 1.1064e-05  
387.6 1.0547e-05  
387.8 1.0054e-05  
388.0 9.5844e-06  
388.2 8.7519e-06  
388.4 7.9917e-06  
388.6 7.2975e-06  
388.8 6.6637e-06  
389.0 6.0849e-06  
389.2 5.5563e-06  
389.4 5.0737e-06  
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389.8 4.2306e-06  
390.0 3.8631e-06  
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390.6 3.1726e-06  
390.8 2.9711e-06  
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391.6 2.285e-06  
391.8 2.1398e-06  
392.0 2.0039e-06  
392.2 1.8696e-06  
392.4 1.7444e-06  
392.6 1.6276e-06  
392.8 1.5186e-06  
393.0 1.4168e-06  
393.2 1.3219e-06  
393.4 1.2334e-06  
393.6 1.1508e-06  
393.8 1.0737e-06  
394.0 1.0018e-06  
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394.4 8.6131e-07  
394.6 7.9864e-07  
394.8 7.4054e-07  
395.0 6.8666e-07  
395.2 6.367e-07  
395.4 5.9038e-07  
395.6 5.4742e-07  
395.8 5.076e-07  
396.0 4.7067e-07

396.2 4.7183e-07  
396.4 4.7299e-07  
396.6 4.7416e-07  
396.8 4.7533e-07  
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397.2 4.7767e-07  
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397.8 4.8122e-07  
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405.8 1.0082e-07  
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406.4 1.0e-07  
406.6 1.0e-07  
406.8 1.0e-07

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407.2 1.0e-07  
407.4 1.0e-07  
407.6 1.0e-07  
407.8 1.0e-07  
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408.2 1.0e-07  
408.4 1.0e-07  
408.6 1.0e-07  
408.8 1.0e-07  
409.0 1.0e-07  
409.2 1.0e-07  
409.4 1.0e-07  
409.6 1.0e-07  
409.8 1.0e-07  
410.0 1.0e-07  
410.2 1.0e-07  
410.4 1.0e-07  
410.6 1.0e-07  
410.8 1.0e-07  
411.0 1.0e-07  
411.2 1.0e-07  
411.4 1.0e-07  
411.6 1.0e-07  
411.8 1.0e-07  
412.0 1.0e-07  
412.2 1.0e-07  
412.4 1.0e-07  
412.6 1.0e-07  
412.8 1.0e-07  
413.0 1.0e-07  
413.2 1.0e-07  
413.4 1.0e-07  
413.6 1.0e-07  
413.8 1.0e-07  
414.0 1.0e-07  
414.2 1.0e-07  
414.4 1.0e-07  
414.6 1.0e-07  
414.8 1.0e-07  
415.0 1.0e-07  
415.2 1.0e-07  
415.4 1.0e-07  
415.6 1.0e-07  
415.8 1.0e-07  
416.0 1.0e-07  
416.2 1.0e-07  
416.4 1.0e-07  
416.6 1.0e-07  
416.8 1.0e-07  
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417.2 1.0e-07  
417.4 1.0e-07  
417.6 1.0e-07

417.8 1.0e-07  
418.0 1.0e-07  
418.2 1.0e-07  
418.4 1.0e-07  
418.6 1.0e-07  
418.8 1.0e-07  
419.0 1.0e-07  
419.2 1.0e-07  
419.4 1.0e-07  
419.6 1.0e-07  
419.8 1.0e-07  
420.0 1.0e-07  
420.2 1.0e-07  
420.4 1.0e-07  
420.6 1.0e-07  
420.8 1.0e-07  
421.0 1.0e-07  
421.2 1.0e-07  
421.4 1.0e-07  
421.6 1.0e-07  
421.8 1.0e-07  
422.0 1.0e-07  
422.2 1.0e-07  
422.4 1.0e-07  
422.6 1.0e-07  
422.8 1.0e-07  
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423.2 1.0e-07  
423.4 1.0e-07  
423.6 1.0e-07  
423.8 1.0e-07  
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424.2 1.0e-07  
424.4 1.0e-07  
424.6 1.0e-07  
424.8 1.0e-07  
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425.2 1.0e-07  
425.4 1.0e-07  
425.6 1.0e-07  
425.8 1.0e-07  
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426.2 1.0e-07  
426.4 1.0e-07  
426.6 1.0e-07  
426.8 1.0e-07  
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832.8 0.14784  
833.0 0.15497  
833.2 0.16245  
833.4 0.17028  
833.6 0.17849  
833.8 0.1871  
834.0 0.19612  
834.2 0.2074  
834.4 0.21933  
834.6 0.23195  
834.8 0.24529  
835.0 0.2594  
835.2 0.27432  
835.4 0.2901  
835.6 0.30679  
835.8 0.32444  
836.0 0.3431  
836.2 0.36025  
836.4 0.37825  
836.6 0.39715  
836.8 0.417  
837.0 0.43783  
837.2 0.45971  
837.4 0.48268  
837.6 0.5068  
837.8 0.53212  
838.0 0.55871  
838.2 0.57126  
838.4 0.5841  
838.6 0.59722  
838.8 0.61063

839.0	0.62435
839.2	0.63838
839.4	0.65272
839.6	0.66738
839.8	0.68238
840.0	0.69771
840.2	0.68949
840.4	0.68138
840.6	0.67336
840.8	0.66543
841.0	0.6576
841.2	0.64986
841.4	0.64221
841.6	0.63465
841.8	0.62719
842.0	0.6198
842.2	0.59881
842.4	0.57853
842.6	0.55893
842.8	0.54
843.0	0.52171
843.2	0.50404
843.4	0.48696
843.6	0.47047
843.8	0.45453
844.0	0.43914
844.2	0.42389
844.4	0.40917
844.6	0.39496
844.8	0.38124
845.0	0.368
845.2	0.35522
845.4	0.34289
845.6	0.33098
845.8	0.31948
846.0	0.30839
846.2	0.30075
846.4	0.2933
846.6	0.28603
846.8	0.27894
847.0	0.27203
847.2	0.26529
847.4	0.25872
847.6	0.25231
847.8	0.24606
848.0	0.23996
848.2	0.23675
848.4	0.23358
848.6	0.23045
848.8	0.22737
849.0	0.22432
849.2	0.22132
849.4	0.21836
849.6	0.21543

849.8	0.21255
850.0	0.20971
850.2	0.20903
850.4	0.20835
850.6	0.20768
850.8	0.20701
851.0	0.20635
851.2	0.20568
851.4	0.20502
851.6	0.20436
851.8	0.2037
852.0	0.20304
852.2	0.20427
852.4	0.2055
852.6	0.20674
852.8	0.20799
853.0	0.20924
853.2	0.21051
853.4	0.21178
853.6	0.21305
853.8	0.21434
854.0	0.21563
854.2	0.21865
854.4	0.2217
854.6	0.2248
854.8	0.22794
855.0	0.23113
855.2	0.23436
855.4	0.23763
855.6	0.24096
855.8	0.24432
856.0	0.24774
856.2	0.25309
856.4	0.25856
856.6	0.26415
856.8	0.26986
857.0	0.27569
857.2	0.28164
857.4	0.28773
857.6	0.29395
857.8	0.3003
858.0	0.30679
858.2	0.30933
858.4	0.3119
858.6	0.31449
858.8	0.31709
859.0	0.31972
859.2	0.32237
859.4	0.32505
859.6	0.32774
859.8	0.33046
860.0	0.3332
860.2	0.34214
860.4	0.35133

860.6	0.36076
860.8	0.37045
861.0	0.38039
861.2	0.3906
861.4	0.40109
861.6	0.41186
861.8	0.42292
862.0	0.43427
862.2	0.44898
862.4	0.46418
862.6	0.4799
862.8	0.49615
863.0	0.51295
863.2	0.53032
863.4	0.54827
863.6	0.56684
863.8	0.58603
864.0	0.60588
864.2	0.62329
864.4	0.6412
864.6	0.65963
864.8	0.67858
865.0	0.69808
865.2	0.71814
865.4	0.73878
865.6	0.76001
865.8	0.78185
866.0	0.80431
866.2	0.80839
866.4	0.81248
866.6	0.8166
866.8	0.82073
867.0	0.82489
867.2	0.82907
867.4	0.83327
867.6	0.83749
867.8	0.84173
868.0	0.846
868.2	0.85028
868.4	0.85459
868.6	0.85892
868.8	0.86327
869.0	0.86764
869.2	0.87204
869.4	0.87645
869.6	0.88089
869.8	0.88535
870.0	0.88984
870.2	0.89435
870.4	0.89888
870.6	0.90343
870.8	0.90801
871.0	0.91261
871.2	0.91723

871.4	0.92187
871.6	0.92654
871.8	0.93124
872.0	0.93595
872.2	0.9407
872.4	0.94546
872.6	0.95025
872.8	0.95506
873.0	0.9599
873.2	0.96476
873.4	0.96965
873.6	0.97456
873.8	0.9795
874.0	0.98446
874.2	0.97823
874.4	0.97204
874.6	0.96588
874.8	0.95977
875.0	0.95369
875.2	0.94766
875.4	0.94166
875.6	0.9357
875.8	0.92977
876.0	0.92389
876.2	0.92029
876.4	0.9167
876.6	0.91312
876.8	0.90956
877.0	0.90601
877.2	0.90248
877.4	0.89896
877.6	0.89545
877.8	0.89196
878.0	0.88848
878.2	0.89174
878.4	0.89502
878.6	0.89831
878.8	0.90162
879.0	0.90493
879.2	0.90826
879.4	0.9116
879.6	0.91495
879.8	0.91831
880.0	0.92169
880.2	0.92156
880.4	0.92143
880.6	0.9213
880.8	0.92117
881.0	0.92104
881.2	0.92091
881.4	0.92078
881.6	0.92065
881.8	0.92052
882.0	0.92039

882.2	0.92193
882.4	0.92348
882.6	0.92504
882.8	0.92659
883.0	0.92815
883.2	0.92971
883.4	0.93128
883.6	0.93284
883.8	0.93441
884.0	0.93599
884.2	0.92923
884.4	0.92253
884.6	0.91587
884.8	0.90926
885.0	0.9027
885.2	0.89618
885.4	0.88972
885.6	0.8833
885.8	0.87692
886.0	0.87059
886.2	0.86202
886.4	0.85353
886.6	0.84512
886.8	0.83679
887.0	0.82855
887.2	0.82039
887.4	0.81231
887.6	0.80431
887.8	0.79638
888.0	0.78854
888.2	0.77508
888.4	0.76186
888.6	0.74886
888.8	0.73608
889.0	0.72352
889.2	0.71118
889.4	0.69904
889.6	0.68711
889.8	0.67539
890.0	0.66386
890.2	0.65081
890.4	0.63802
890.6	0.62548
890.8	0.61318
891.0	0.60112
891.2	0.58931
891.4	0.57772
891.6	0.56636
891.8	0.55523
892.0	0.54431
892.2	0.53349
892.4	0.52288
892.6	0.51248
892.8	0.50229

893.0	0.4923
893.2	0.48251
893.4	0.47291
893.6	0.46351
893.8	0.45429
894.0	0.44525
894.2	0.43617
894.4	0.42727
894.6	0.41856
894.8	0.41002
895.0	0.40166
895.2	0.39347
895.4	0.38544
895.6	0.37758
895.8	0.36988
896.0	0.36234
896.2	0.35483
896.4	0.34749
896.6	0.34029
896.8	0.33325
897.0	0.32635
897.2	0.31959
897.4	0.31297
897.6	0.30649
897.8	0.30014
898.0	0.29393
898.2	0.28762
898.4	0.28146
898.6	0.27542
898.8	0.26951
899.0	0.26373
899.2	0.25808
899.4	0.25254
899.6	0.24712
899.8	0.24182
900.0	0.23664