

**Supplementary Table 1:** OMC concentration mediated reduction in CIE-weighted UV dose

UV exposure time (sec)	No OMC		OMC (10 ppm)		OMC (27 ppm)		OMC (60 ppm)	
	UV (J/m <sup>2</sup> )	UV (J/m <sup>2</sup> )	UV (J/m <sup>2</sup> )	% remaining UV dose after filtration through OMC	UV (J/m <sup>2</sup> )	% remaining UV dose after filtration through OMC	UV (J/m <sup>2</sup> )	% remaining UV dose after filtration through OMC
0	0	0	0	0	0	0	0	0
25	6	3	52	2	36	1	20	
50	12	6	52	4	36	2	20	
100	25	13	52	9	36	5	20	
500	123	64	52	45	36	24	20	
1000	246	128	52	90	36	49	20	