

Table S1. *B.subtilis* spores, *S.cerevisiae*, T7 bacteriophage colony-forming units (CFU)/ml with SD (when applicable) for different chlorine dioxide gas (gClO₂) concentrations. ND: not determined SD: standard deviation

CFU/ml	0 PPM	64 PPM	116 PPM	255 PPM	433 PPM	650 PPM
<i>B.subtilis</i> spores	(9.5±3.5)×10 ⁵	(9.1±2.5)×10 ⁵	(5.8±0.7)×10 ⁵	(2±1.3)×10 ²	0	ND
<i>S.cerevisiae</i>	(1.7±0.6)×10 ⁶	(1.5±0.8)×10 ⁶	(5.2±2.8)×10 ⁵	(7.7±0.04)×10 ⁴	0	0
T7 bacteriophage	(2.4±0.6)×10 ⁸	(6±5)×10 ⁴	2×10 ⁴	1×10 ¹	ND	ND