

Supplementary Materials

Table S1. Water saturation by free and total CO₂ over time.

Time (min)	0	5	8	10
Total CO₂ (mg/L)	2.11 ± 1.17	24.69	39.25	40.32
Free CO₂ (mg/L)	0.48 ± 0.12	22.57	36.45	39.32