

Treatment	$n^a$	Incubation <sup>b</sup> (days)	$c(\text{CH}_4)_{\text{initial}}$ (nmol L <sup>-1</sup> )	$c(\text{CH}_4)_{\text{final}}$ (nmol L <sup>-1</sup> )	$k_{\text{ox}}$ (d <sup>-1</sup> )	$r_{\text{ox}}$ (nmol L <sup>-1</sup> d <sup>-1</sup> )	$\alpha_{\text{ox}}$
0.2× EL	1	10	12.7	12.9	0 <sup>c</sup>	0 <sup>c</sup>	0.9591
10× EL	1	46	132.3	67.7	$1.01 \times 10^{-2}$	0.54	1.0230
0.2× IMB 1	5	10	$4.4 \pm 0.5$	$5.0 \pm 0.4$	$-1.05 \times 10^{-2}$	negative <sup>d</sup>	$0.994 \pm 0.0113$
2× IMB 2	4	5	$37.9 \pm 1.8$	$36.5 \pm 1.4$	0 <sup>c</sup>	0 <sup>c</sup>	$0.9898 \pm 0.0104$
10× IMB 1	5	46	$123.0 \pm 5.5$	$69.4 \pm 36.5$	$9.18 \times 10^{-3}$	$0.15 \pm 0.02$	$1.0225 \pm 0.0005$
200× IMB 2 short	7	6	$3937.9 \pm 148.7$	$3427.6 \pm 160.4$	0 <sup>c</sup>	0 <sup>c</sup>	$1.0005 \pm 0.0005$
200× IMB 2 long	2	41	$4089.5 \pm 26.1$	$129.6 \pm 95.5$	$6.62 \times 10^{-2}$	$1.08 \pm 0.17$	$1.0103 \pm 0.0002$
200× IMB 2 NaOH	1	41	3953.7	3620.7	0 <sup>c</sup>	0 <sup>c</sup>	0.9998