

Table 2. Relevant information concerning the three species of phytoplankters grown in batch cultures (a) and their optical properties (b)

(a)	Species	Age (days)	Chl <i>a</i> (mg m ⁻³)	Chl <i>b</i> (mg m ⁻³)	Chl <i>c</i> (mg m ⁻³)	Carot (mg m ⁻³)	Phaeo <i>a</i> (mg m ⁻³)	<i>N/V</i> (m ⁻³)	<i>d</i> (μm)
	<i>Platymonas suecica</i>	3	137.9	42.2	0.0	114.0	5.0	2550 × 10 ⁸	6.0
	<i>Coccolithus huxleyi</i>	7	89.6	0.0	53.4	129.2	5.5	29200 × 10 ⁸	3.8
	<i>Chaetoceros protuberans</i>	5	142.8	0.0	81.5	73.4	6.1	1355 × 10 ⁸	26.5

(b)	<i>c_i</i> (mg Chl <i>a</i> m ⁻³)	<i>a_m</i> (435 nm) (m ⁻¹)	<i>n'</i> (435 nm)	<i>sQ_a</i> (435 nm) (m ²)	<i>Q_a</i> (435 nm)	<i>ā</i> ₃₈₀₋₇₀₀ [*] (m ² mg ⁻¹ Chl <i>a</i>)
	4.48 × 10 ⁶	2.86 × 10 ⁵	0.00745	1.84 × 10 ⁻¹¹	0.651	0.0180
	1.07 × 10 ⁶	1.15 × 10 ⁵	0.00300	2.82 × 10 ⁻¹²	0.249	0.0397
	1.06 × 10 ⁵	0.61 × 10 ⁴	0.00016	5.58 × 10 ⁻¹¹	0.101	0.0305