

表3 SE-S 添加乙酸钠和葡萄糖对Micractinium sp. 18A8 叶绿素和光合效率的影响

Table 3 The chlorophyll content and photosynthetic efficiency of Micractinium sp. 18A8 in SE-S medium with addition of different concentrations sodium acetate or glucose

	叶绿素a (μg/mL) chl a (μg/mL)	叶绿素b (μg/mL) chl b (μg/mL)	光合效率 (μmol O ₂ mg chl a-1 h-1)/(μmol photon cm-2 s-1) Photosynthetic efficiency(μmol O ₂ mg chl a-1 h-1)/(μmol photon cm-2 s-1)
乙酸钠(mmol/L)			
NaAc (mmol/L)			
0	2.08±0.02	0.66±0.03	0.79±0.01
7	2.61±0.06	1.64±0.07	0.85±0.07
15	3.31±0.18	1.81±0.12	0.95±0.08
30	2.39±0.09	1.16±0.08	0.82±0.01
60	2.03±0.08	0.47±0.03	0.75±0.02
葡萄糖(mmol/L)			
Glucose (mmol/L)			
0	2.08±0.02	0.66±0.03	0.79±0.01
25	2.07±0.03	0.61±0.08	0.76±0.07
50	2.23±0.10	1.04±0.11	0.80±0.05
100	2.09±0.13	0.50±0.06	0.79±0.09
200	0.73±0.05	0.21±0.05	0.67±0.03