

Table S2. Culture media formulas used in the effect test of WCP supply modes on the growth, photosynthetic pigments, and biochemical components of *A. platensis*.

	Control	Fed-batch Mode1	Fed-batch Mode 2	batch Mode
WCP (%)	0	3.125	12.50	50.00
NaNO ₃ (g/L)	3.302	3.096	2.476	0
KH ₂ PO ₄ (g/L)	0.133	0.125	0.100	0
NaHCO ₃ (g/L)	6.00	6.00	6.00	6.00
MgSO ₄ •7H ₂ O (g/L)	0.20	0.20	0.20	0.20
CaCl ₂ •2H ₂ O (g/L)	0.04	0.04	0.04	0.04
K ₂ SO ₄ (g/L)	1.00	1.00	1.00	1.00
NaCl(g/L)	1.00	1.00	1.00	1.00
EDTANa ₂ (g/L)	10.00	10.00	10.00	10.00
FeSO ₄ •7H ₂ O(mg/L)	5.00	5.00	5.00	5.00
A5 (ml/L)	1.00	1.00	1.00	1.00
B6 (ml/L)	1.00	1.00	1.00	1.00