

Table S3. Addition amount of each nutrient after harvest in the effect test of WCP supply modes on the growth, photosynthetic pigments, and biochemical components of *A. platensis*.

	Control	Fed-batch Model1	Fed-batch Mode 2	batch Mode
NaNO ₃ (g/L)	0.826	0	0	0.826
KH ₂ PO ₄ (g/L)	0.033	0	0	0.033
NaHCO ₃ (g/L)	0	0	0	0
MgSO ₄ •7H ₂ O (g/L)	0.08	0.08	0.08	0.08
CaCl ₂ •2H ₂ O (g/L)	0.01	0.01	0.01	0.01
K ₂ SO ₄ (g/L)	0.10	0.10	0.10	0.1
NaCl(g/L)	0	0	0	0
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)	0.50	0.50	0.50	0.50
B6 (ml/L)	0.50	0.50	0.50	0.50