

Table 1 Water quality parameters and Relative Growth Rate throughout the culture period

Time	Parameters					
	Temperature (°C)	Dissolve oxygen (mg/L)	pH	Nitrite (mg/L)	Ammonia (mg/L)	Yields (kg/d)
Week 1	25.84±0.19	2.52±0.52	6.01±0.12	6.88±0.13	5.34±0.34	0
Week 2	28.24±0.08	1.32±0.12	5.89±0.32	6.77±0.82	7.57±0.22	0.58
Week 3	26.34±0.12	0.98±0.34	6.23±0.08	7.21±0.28	7.98±1.23	0.35
Week 4	27.18±0.32	0.84±0.19	7.23±0.23	10.04±0.32	9.84±0.89	0.24