

Table S1. Results from the regression analyses between the dietary mussel meal content and the performance indicators of *L. vannamei*.

Performance indicator	p-value	Quadratic model	x-Max	R ²
Final weight	0.012	$y = -0.321x^2 + 1.123x + 18.689$	1.75	0.407
Weight gain	0.013	$y = -8.973x^2 + 31.21x + 432.139$	1.74	0.401
Weekly weight gain	0.010	$y = -0.04x^2 + 0.14x + 1.898$	1.75	0.418
Productivity	0.005	$y = -0.037x^2 + 0.147x + 1.742$	1.99	0.459
Relative growth rate	0.013	$y = -0.030x^2 + 0.104x + 3.093$	1.73	0.399
Survival	0.300	$y = -0.357x^2 + 2.304x + 93.161$	3.23	0.132
Feed intake	0.067	$y = -0.169x^2 + 0.938x + 17.513$	2.78	0.272
Feed conversion rate	0.019	$y = 0.014x^2 - 0.056x + 1.245$	2.00	0.371