

Table 7 Growth parameters and Nutrient utilization of *Clarias gariepinus* fed experimental diet (full fat)

Trt	Mean initial weight (g/fish)	Mean final weight (g/fish)	Mean weight gain (g/fish)	FCR	SGR (%)	Daily feed intake (g/fish/day)	Survival rate (%)	Analysed Phytase Activity (FTU/g)
S0P0	12.28±0.13	60.48±2.80g	48.20±2.67f	1.29±0.01 ^a	1.90±0.01 ^{ef}	2.04±0.02a	92.31±0.00 ^{cd}	<100
S1P0	12.04±0.01	51.98±0.21fg	39.94±0.21ef	1.38±0.08 ^a	1.74±0.01 ^{cdef}	2.07±0.11a	100.00±0.00 ^d	<100
S1P1	12.71±0.24	54.36±2.78fg	41.65±3.02ef	1.39±0.06 ^a	1.72±0.03 ^{cdef}	1.97±0.11a	98.08±2.72 ^d	580
S1P2	11.88±0.44	48.16±0.27def	36.29±0.71de	1.57±0.22 ^{ab}	1.43±0.11 ^{cde}	2.13±0.02a	100.00±0.00 ^d	720
S1P3	14.27±0.48	55.15±3.01fg	40.88±2.53ef	1.47±0.11 ^a	1.67±0.09 ^{cdef}	2.06±0.06a	96.16±5.44 ^d	890
S1P4	11.34±1.42	51.44±0.10efg	37.97±0.01ef	1.37±0.13 ^a	1.73±0.12 ^{cdef}	2.06±0.02a	98.08±2.72 ^d	1510
S2P0	11.43±0.38	49.62±0.83def	37.89±0.45de	1.34±0.08 ^a	1.66±0.04 ^{cdef}	2.01±0.05a	86.54±2.72 ^c	<100
S2P1	10.41±0.28	42.16±2.24cd	31.75±1.96cd	1.40±0.01 ^a	1.66±0.03 ^{cdef}	2.01±0.04a	94.23±2.72 ^{cd}	270
S2P2	10.96±0.68	43.60±3.00cde	32.64±2.32cd	1.38±0.01 ^a	1.69±0.04 ^{cdef}	2.08±2.06a	86.54±8.16 ^c	580
S2P3	12.11±0.98	54.93±6.64fg	42.82±5.66ef	1.29±0.08 ^a	1.66±0.06 ^{cdef}	2.25±0.25a	100.00±0.00 ^d	1260
S2P4	11.31±0.54	49.14±0.65def	37.83±1.19de	1.34±0.18 ^a	1.69±0.06 ^{cdef}	1.96±0.01a	94.23±2.72 ^{cd}	1260
S3P0	12.02±0.37	40.01±3.89c	27.99±3.52c	1.67±0.12 ^{ab}	1.39±0.22 ^{cd}	2.14±0.01a	98.08±2.72 ^d	<100
S3P1	9.68±1.88	52.56±2.44fg	42.88±0.56ef	1.30±0.06 ^a	2.04±0.00 ^g	2.15±0.03a	73.08±10.88 ^b	330
S3P2	13.18±0.70	42.07±3.00cd	28.89±3.70c	1.74±0.22 ^{ab}	1.67±0.13 ^{cdef}	2.12±0.04a	96.15±0.00 ^d	660
S3P3	11.99±0.15	38.43±2.51c	26.44±2.36c	2.40±0.18 ^b	1.80±0.06 ^{cdef}	2.00±0.09a	94.23±2.72 ^{cd}	1050
S3P4	12.61±0.95	38.16±0.41c	25.56±0.54c	2.36±0.23 ^b	1.38±0.10 ^{cd}	2.98±0.07b	94.23±2.72 ^{cd}	1340
S4P0	11.65±0.83	14.38±1.19a	2.44±0.31a	16.71±1.43 ^e	0.22±0.1 ^a	3.66±0.04b	75.00±2.72 ^b	<100
S4P1	12.20±1.12	24.44±1.47ab	12.24±0.35b	3.30±0.37 ^c	0.83±0.04 ^b	3.98±1.46b	92.31±0.00 ^{cd}	330
S4P2	11.27±0.38	18.79±0.62ab	7.52±0.24ab	4.43±0.06 ^d	0.61±0.00 ^b	2.64±0.02b	96.16±5.44 ^d	640
S4P3	11.89±0.33	20.26±1.66ab	8.38±1.34ab	4.49±0.54 ^d	0.63±0.07 ^b	2.75±0.04b	94.23±2.72 ^{cd}	830
S4P4	12.03±22.65	17.63±0.04ab	5.60±1.35ab	4.97±0.48 ^d	0.90±0.78 ^b	2.74±0.27b	55.19±1.90 ^a	930

Note: Mean values with the same alphabet superscript in the same column are not significantly different at the 0.05 level (2-tailed).