

Table 2 Growth Parameters and nutrient utilization of all male and mixed-sex *Oreochromis niloticus*

| Parameters | All male | Mixed sex | P-Value |
|------------|----------------------------|----------------------------|---------|
| MIW | 0.008 ± 0.01 | 0.009 ± 0.07 | 0.231 |
| FW | 5.94 ± 0.13 ^a | 2.20 ± 0.09 ^b | 0.001 |
| WG | 5.93 ± 0.13 ^a | 2.19 ± 0.09 ^b | 0.023 |
| MIL | 2.42 ± 0.01 | 2.21 ± 0.07 | 0.231 |
| FL | 6.44 ± 0.13 ^a | 5.20 ± 0.09 ^b | 0.001 |
| LG | 4.93 ± 0.13 ^a | 3.19 ± 0.09 ^b | 0.023 |
| GR | 0.035 ± 0.001 ^a | 0.013 ± 0.001 ^b | 0.001 |
| SGR | 3.94 ± 0.02 ^a | 3.29 ± 0.03 ^b | 0.001 |
| Feed Fed | 16.24 ± 0.03 ^a | 6.45 ± 0.15 ^a | 0.000 |
| FCR | 2.74 ± 0.06 ^b | 2.94 ± 0.19 ^a | 0.001 |
| FCE | 36.50 ± 0.75 ^a | 34.13 ± 2.22 ^b | 0.001 |
| PER | 0.198 ± 0.01 ^a | 0.073 ± 0.01 ^b | 0.011 |
| Survival | 75.0 ± 0.00 | 75.0 ± 0.00 | 1.000 |

Note: Mean in the same row with different superscripts differ significantly ($P \leq 0.05$). Key: MIW = mean initial weight; FW= Final weight; WG=Weight gained; MIL= Mean initial length; FL= Final length; LG= Length gain; GR=growth rate; SGR=Specific growth rate; FCR=Feed conversion ratio; FCE= Feed conversion efficiency; PER= Protein efficiency ratio