

Table 4 Carcass analysis of *Clarias gariepinus* fed different levels of guinea corn waste meal before and after the experiment

| Parameters | Initial | Diet 1 | Diet 2 | Diet 3 | Diet 4 | Diet 5 | P-Value |
|------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------|
| Moisture | 60.18 ± 0.01 ^e | 63.11 ± 0.01 ^d | 64.21 ± 0.01 ^b | 64.22 ± 0.02 ^b | 63.31 ± 0.02 ^c | 68.84 ± 0.04 ^a | 0.001 |
| Protein | 10.33 ± 0.03 ^f | 17.11 ± 0.01 ^b | 16.21 ± 0.01 ^d | 16.84 ± 0.04 ^c | 17.31 ± 0.01 ^a | 15.37 ± 0.02 ^e | 0.001 |
| Fat | 6.21 ± 0.01 ^e | 9.12 ± 0.02 ^a | 7.16 ± 0.01 ^c | 8.04 ± 0.01 ^b | 9.12 ± 0.02 ^a | 6.75 ± 0.03 ^d | 0.001 |
| Fibre | 1.67 ± 0.01 ^e | 2.09 ± 0.01 ^b | 2.04 ± 0.01 ^c | 2.04 ± 0.01 ^c | 2.11 ± 0.00 ^a | 1.72 ± 0.02 ^d | 0.001 |
| Ash | 2.11 ± 0.01 ^e | 2.77 ± 0.02 ^b | 2.67 ± 0.01 ^d | 2.72 ± 0.02 ^c | 2.81 ± 0.01 ^a | 2.01 ± 0.01 ^f | 0.001 |
| NFE | 19.51 ± 0.06 ^a | 5.82 ± 0.05 ^d | 7.72 ± 0.03 ^b | 6.15 ± 0.03 ^c | 5.36 ± 0.05 ^e | 5.32 ± 0.11 ^e | 0.001 |

Note: Mean value in the same row with different superscripts differ significantly ($P < 0.05$)