

Table 3 Carcass proximate composition of *Oreochromis niloticus* fed experimental diets (g/100g DM)

Treatments	Moisture	Ash	Crude protein	Ether extract	Nitrogen free extract
Initial	10.35±0.60 ^a	10.21±0.69 ^b	44.73±1.26 ^d	21.05±0.74 ^a	13.66±0.73 ^a
D ₁	7.11±0.60 ^d	11.13±0.69 ^a	58.02±1.26 ^c	19.14±0.74 ^c	4.60±0.73 ^b
D ₂	6.41±0.60 ^e	10.40±0.69 ^b	58.62±1.26 ^c	20.44±0.74 ^b	4.13±0.73 ^b
D ₃	6.77±0.60 ^e	11.54±0.69 ^a	60.04±1.26 ^b	18.11±0.74 ^d	3.54±0.73 ^b
D ₄	7.04±0.60 ^d	11.55±0.69 ^a	60.80±1.26 ^a	17.23±0.74 ^e	3.38±0.73 ^b
D ₅	8.25±0.60 ^c	11.22±0.69 ^a	57.51±1.26 ^c	19.00±0.74 ^c	4.02±0.73 ^b
D ₆	6.00±0.60 ^e	9.77±0.69 ^c	60.07±1.26 ^b	19.57±0.74 ^c	4.59±0.73 ^b
D ₇	8.71±0.60 ^b	10.33±0.69 ^a	59.47±1.26 ^c	17.25±0.74 ^c	4.24±0.73 ^b
D ₈	7.99±0.60 ^d	11.15±0.69 ^a	58.67±1.26 ^c	18.17±0.74 ^d	4.02±0.73 ^b
D ₉	6.23±0.60 ^e	11.57±0.69 ^a	57.08±1.26 ^c	20.54±0.74 ^{ab}	4.58±0.73 ^b

Note: Means with the same superscript along the same column were not significantly different ($P>0.05$). APD: Apparent protein digestibility; ALD Apparent lipid digestibility; ACD: Apparent carbohydrate digestibility; AAD: Apparent ash digestibility; D₁: 100% SBM (Control diet); D₂: 75% SBM, 25% BDM; D₃: 50% SBM, and BDM; D₄: 25% SBM, 75% BDM; D₅: 100% BDM; D₆: 75% SBM, 25% SDM; D₇: 50% SBM, and SDM; D₈: 25% SBM, 75% SDM; D₉: 100% SLP; SBM: Soybean meal; BDM: Blanched duckweed meal; SDM: Sun-dried duckweed meal