

Table 1 Gross composition and proximate composition of the experimental diets

Ingredients	Diet I	Diet II	Diet III	Diet IV	Diet V
Fishmeal	25.80	19.365	12.91	6.455	-
Jatropha kernel meal	-	6.455	12.91	19.365	25.80
Soy beans meal	25.80	25.80	25.80	25.80	25.80
Maize meal	43.37	43.37	43.37	43.37	43.37
Mineral premix	2.5	2.5	2.5	2.5	2.5
Vitamin premix	2.5	2.5	2.5	2.5	2.5
Total	100.00	100.00	100.00	100.00	100.00
Proximate composition					
Moisture	7.82±0.01	8.52±0.01	8.41±0.01	8.15±0.01	7.48±0.01
Protein	36.19±0.01	36.42±0.01	35.83±0.01	36.46±0.02	35.54±0.01
Ash	6.21±0.01	6.10±0.01	6.07±0.00	5.89±0.01	5.71±0.01
Fibre	3.22±0.01	3.42±0.01	3.18±0.00	3.20±0.01	3.16±0.01
Fat	7.11±0.01	7.03±0.01	7.33±0.01	6.87±0.01	6.84±0.01
NFE	39.47±0.02	38.53±0.04	39.19±0.02	39.44±0.03	40.92±0.01