

Table 5 Gross composition of experimental diets

	CONTROL	DIET2	DIET3	DIET4	DIET5	DIET6
Fish meal	10.00	10.00	10.00	10.00	10.00	10.00
Soybean	44.50	44.50	44.50	44.50	44.50	44.50
Wheat	19.28	19.28	19.28	19.28	19.28	19.28
Maize	18.22	18.22	18.22	18.22	18.22	18.22
*Vit-mineral premix	2.00	2.00	2.00	2.00	2.00	2.00
Starch	1.00	1.00	1.00	1.00	1.00	1.00
Vegetable oil	5.00	5.00	5.00	5.00	5.00	5.00
Phytase (unit/kg diet)	-	2000	4000	6000	8000	10000
Total	100.00	100.00	100.00	100.00	100.00	100.00

Note: * vit-min premix (vitamin and minerals premix) each 2.5kg of premix contains; vitamin A, 12.5 million international unit (MIU); D3,2.5 MIU; E, 40g; K3, 2g; B1, 3g; B2, 5.5g; B6, 5g; B12, 0.25g; Niacin 55g; Calcium pantothenate 11.5g; Choline chloride, 500g; folic acid, 1g; Biolin, 0.08g; Manganese,120g; Iron,100g; Zinc,80g; Copper, 8.5g ; Iodine,1.5g ; Cobalt, 0.3g ; Selenium, 0.12g ; Anti- oxidant,120g