

Table 1 Ingredient composition and proximate analysis of the basal diet fed to juvenile tilapia (*Oreochromis niloticus*) for 12 weeks

Ingredients	%
Soybean meal (44 % CP)	44.5
Wheat bran (14 % CP)	25.0
Yellow corn meal	21.0
Soybean oil	4.0
Mineral and vitamin premix	1.0
L- Methionine	1.0
L- Lysine	0.5
Di- Calcium phosphate	1.0
Molasses	2.0
Proximate composition %	
Moisture	10.7
Crude Protein	26.3
Crude fat	9.8
Ash	7.3
Gross energy (kjg ⁻¹ diet)	7

Note: Premix supplied the following vitamins and minerals (mg or IU) kg⁻¹ of diet, vitamin A, 8000 IU; vitamin D3, 4000 IU; vitamin E 50 IU; vitamin K3, 19 IU; vitamin B2, 25 mg; vitamin B3, 69 mg; vitamin B6, 20 mg; nicotinic acid, 125 mg; thiamin, 10 mg; folic acid, 7 mg; biotin, 7 mg; pantothenate, 15 mg; vitamin B12, 75 mg; choline, 900 mg; vitamin C, 500 mg; manganese, 350 mg; zinc, 325 mg; iron, 30 mg; iodine, 0.4 mg; cobalt 2 mg; copper, 7 mg; selenium, 0.7 mg and 0.7 mg butylated hydroxytoluene according to Xie, Cui, Yang and Liu (1997)