

Table 1 Major ingredients and proximate analysis of the diet fed to red tilapia, *Oreochromis sp.* fingerlings for 12-week period

Ingredients	(%)
Fish meal (60% C.P)	8.0
Soybean meal (44 % C.P)	62.0
Wheat bran	8.0
Yellow corn meal	10.0
Soybean oil	5.0
Vitamins and minerals premix a	1.5
Calcium di-basic phosphate	2.0
Molasses	2.0
L-methionine	1.0
L-lysine HCl	0.5
Proximate analysis <sup>b</sup>	
Moisture	9.8
Crude protein	33.8
Crude fat	10.4
Ash	7.9
Crude fiber	6.7
NFE <sup>c</sup>	31.4
Gross Energy (kcal/g diet) <sup>d</sup>	4.5

Note: <sup>a</sup>: Premix supplied the following vitamins and minerals (mg or IU)/ kg of diet, vit. A, 8000 I.U.; vit. D3, 4000 I.U.; vit. E 50 I.U.; vit. K3, 19 I.U.; vit. B2, 25 mg; vit. B3, 69 mg; vit. B6, 20 mg; Nicotinic acid, 125 mg; Thiamin, 10 mg; Folic acid, 7 mg; Biotin, 7 mg; Pantothenate, 15 mg; vit. B12, 75 mg; Choline, 900 mg; vit. 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 B.H.T. according to Xie et al. (1997); <sup>b</sup>: Values represent the mean of three sample replicates; <sup>c</sup>: Nitrogen free extract (NFE) = {100 - (moisture + crude protein + crude fat + ash + crude fiber)}; <sup>d</sup>: Gross energy was calculated using the gross energy values for the macronutrients (5.6 kcal/g protein, 9.5 kcal/g fat and 4.1 kcal/g carbohydrate) according to Sanz et al. (1994)