

Table S1. Dietary composition and nutrient levels (air dry basis)

Items	Composition, %
Ingredients	
Corn	59.81
Soya bean meal	25.80
Wheat flour	5.00
Rice bran meal	3.00
Corn germ meal	3.00
L-Lysine, 98.5 %	0.11
DL-Methionine, 99.0 %	0.04
L-Threonine, 99.0 %	0.04
L-Tryptophan, 99.0 %	0.01
Calcium hydrogen phosphate	0.40
Limestone	1.00
NaCl	0.50
Acidifying agent	0.40
Zinc oxide	0.20
Choline chloride	0.10
Mould inhibitor	0.05
Phytase	0.02
Compound enzyme	0.02
Mineral premix ^a	0.50
Nutrition level, %	
NE ^b , MJ/Kg	10.19
Crude protein	18.00
Crude fat	2.63
Crude fiber	3.79
Crude ash	5.03
Lysine	1.10

Methionine	0.34
Tryptophan	0.21
Threonine	0.75
Valine	0.87

^aPremix provided per kg of complete diet: 3800 IU vitamin A, 800 IU vitamin D3, 9 mg vitamin E, 1 mg vitamin K3, 1 mg vitamin B1, 2 mg vitamin B2, 1.2 mg vitamin B6, 10 µg vitamin B12, 10 mg nicotinic acid, 50 µg biotin, 0.4 mg folic acid, 80 mg iron (as FeSO4 · H2O), 5 mg copper as (CuSO4 · 5H2O), 80 mg zinc, 0.14 mg iodine (as KI), 0.25 mg Se (as Na2SeO3), 3 mg Mn (as MnSO4 · H2O);

^bAnalysed values except for net energy.