

Supplementary Materials

Table 1. Ingredient Compositions and Calculated Nutrient Levels of the Basal Diet (on Dry Matter Basis).

Ingredients	Pre-Lay
Corn (QL)	49.50
Soybean Meal (QL)	23.00
Wheat Pollard (QL)	18.50
CPO (QL)	1.50
L-Lysine	0.10
DL-Methionine	0.17
Dicalcium Phosphate (18%)	2.00
Calcium Carbonate	1.60
Choline Chloride	0.15
Salt	0.35
Mineral Mix *	1.00
Vitamin Mix **	1.00
Antioxidant ***	0.62
Toxin Binder ****	0.62
Total	100
Calculated Composition	
Metabolizable Energy Kcal/Kg	2760.14
Protein (%)	16.35
Fat (%)	3.48
Fiber (%)	4.27
Calcium (%)	1.32
Total Phosphorus (%)	0.10
Av. Phosphorus for Poultry (%)	0.56

* Mineral premix supplied (per kg of diet): copper 15 mg, zinc 120 mg, iron 120 mg, manganese 150 mg, iodine 1.5 mg, and cobalt 0.4 mg. ** Vitamin premix supplied (per kg of diet): Vitamin A (retinyl acetate) 10.32 mg, vitamin E (DL-tocopherol acetate) 90 mg, cholecalciferol 0.250 mg, vitamin K 6 mg, cobalamin 0.07 mg, thiamine 7 mg, riboflavin 22 mg, niacin 120 mg, folic acid 3 mg, biotin 0.04 mg, pantothenic acid 35 mg and pyridoxine 12 mg. *** Antioxidant contains butylated hydroxyanisole (BHA). **** Toxin binder contains natural hydrated sodium calcium aluminum silicates to reduce the exposure of feed to mycotoxins. Feed live International Software (Nonthaburi, Thailand) was used to formulate the diets.