

Supplemental Table 4 Composition and nutrient levels of experimental diets

Item	Con (%)	PD630 (%)
Corn	65.00	60.80
Soybean meal	15.00	25.10
Wheat bran	10.00	9.61
Fish meal	5.00	1.35
Vegetable oil	3.00	0.13
PD630	0.00	0.85
Dicalcium phosphate	0.40	0.40
Limestone	0.34	0.50
NaCl	0.20	0.20
Premix	1.00	1.00
L-Thr	0.04	0.04
L-Trp	0.02	0.02
Total	100.00	100.00
DE (MJ/Kg)	14.41	13.81
ME (MJ/Kg)	13.81	13.24
NE (MJ/Kg)	10.37	9.91
CP	16.63	18.74
Lys	0.87	0.99

L-Th = L-threonine; L-Trp = L-tryptophan. Premix supplied the following per kilogram of diet: vitamin A, 8,000 IU; vitamin D3, 1,500 IU; vitamin E, 45 mg; vitamin K3, 2.0 mg; vitamin B1, 1.0 mg; vitamin B2, 3.0 mg; vitamin B6, 1.5 mg; niacin, 30 mg; pantothenic acid, 50 mg; folic acid, 0.5 mg; choline chloride, 100 mg; Fe, 50 mg; Mn, 10 mg; I, 0.5 mg; Se, 0.05 mg; lysine, 1.5 g; methionine, 0.5 g. The remaining portion consisted of mineral carrier.