

Supplementary Table 2

Composition and nutrient levels of the diets for experimental pigs (% , as-fed basis unless otherwise stated)

Items	5-10 kg	11-30 kg	30-100 kg
Ingredients			
Corn	53.40	60.22	60.10
Full-fat rice bran	0.00	7.50	8.00
Flour	15.00	0.00	0.00
Wheat middlings	0.00	10.00	10.00
Bran	0.00	2.00	6.00
Soybean meal	17.50	16.50	0.00
Fermented soybean meal	2.50	0.00	0.00
De-hulled soybean meal	0.00	0.00	13.10
Soybean oil	2.30	0.00	0.00
Fish meal	1.25	0.00	0.00
Soybean protein concentrate	2.50	0.00	0.00
Glucose	1.25	0.00	0.00
Phospholipid powder	1.00	0.00	0.00
Limestone	0.91	1.40	1.00
CaHPO ₄	0.46	0.49	0.00
Salt	0.41	0.35	0.38
Lys	0.42	0.43	0.35
Met	0.10	0.11	0.07
Premix ^{1, 2, 3}	1.00	1.00	1.00
Total	100.00	100.00	100.00
Calculated nutrient level			
Digestible energy (MJ/kg)	14.42	12.60	12.43
Crude protein	18.30	15.60	14.6
Ether extract	3.00	3.82	4.15
Crude fiber	6.00		
Lys	1.24	0.98	0.91
Ca	0.78	0.70	0.59
P	0.38	0.57	0.51

¹ Provided per kg of diet: Vitamin A, 15,000 IU; Vitamin B1, 3 mg; Vitamin B2, 6 mg; Vitamin B6, 7 mg; Vitamin B12, 0.03 mg; Vitamin D3, 3200 IU; Vitamin E, 22 mg; Vitamin K3, 3 mg; Niacin, 30 mg; Pantothenic acid, 15.0mg; Folic acid, 1.20 mg; Biotin, 0.08 mg; Choline chloride, 500 mg; Fe, 120 mg; Cu, 120 mg; Zn, 110 mg; Mn, 43 mg; I, 0.70 mg; Se, 0.30 mg.

² Provided per kg of diet: Vitamin A, 6400 IU; Vitamin B1, 1.2 mg; Vitamin B2, 4.0mg; Vitamin B6, 3.0 mg; Vitamin B12, 0.04 mg; Vitamin D3, 3200 IU; Vitamin E, 16 mg; Vitamin K3, 2.0mg; Niacin, 30 mg; Pantothenic acid, 15.0mg; Folic acid, 0.6 mg; Biotin, 0.05 mg; Choline chloride, 400 mg; Fe, 100 mg; Cu, 18 mg; Zn, 80 mg; Mn, 27 mg; I, 0.75mg; Se, 0.3mg.

³ Provided per kg of diet: Vitamin A, 6500 IU; Vitamin B1, 2.0mg; Vitamin B2, 4.0mg; Vitamin B6, 2.0mg; Vitamin B12, 0.04mg; Vitamin D3, 2200 IU; Vitamin E, 25mg; Vitamin K3, 2.0mg; Niacin, 30 mg; Pantothenic acid, 15.0mg; Folic acid, 0.6 mg; Biotin, 0.05 mg; Choline chloride, 300 mg; Fe, 60 mg; Cu, 21.0mg; Zn, 60 mg; Mn, 15.0mg; I, 0.75mg; Se, 0.3mg; Ca, 5.1 g; P, 0.6g.