Teklad Mini Pig Diet

Product Description- 8753 is fixed formula diet manufactured with high quality ingredients designed to support maintenance and growth of lab miniswine. The higher fiber and lower energy is designed to help regulate body weight. 8753 is also suitable for feeding of conventional swine weighing 20 kg or more. **Related code 8753C (certified).**

Crude Protein % 16.0 Fat (ether extract) a % 3.9 Carbohydrate (available) b % 33.0 Crude Fiber % 12.8 Neutral Detergent Fiber c % 29.8 Ash % 6.3 Energy Density d kcal/g (kJ/g) 2.3 (9.6) Calories from Protein % 28 Calories from Protein % 28 Calories from Carbohydrate % 57 Minerals ** 15 Calcium % 0.9 Phosphorus % 0.9 Phosphorus % 0.9 Non-Phytate Phosphorus % 0.9 Sodium % 0.1 Potassium % 0.2 Sodium % 0.1 Potassium % 0.2 Zinc mg/kg 235 Magnesium % 0.2 Zinc mg/kg 40 Iodine	Macronutrients		
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Cystine			
	Methionine	%	
<u>Lysine</u> % 0.9	Cystine	%	0.2
	Lysine	%	0.9
Histidine % 0.4		%	0.4
Arginine % 1.1	Arginine	%	1.1
Tryptophan % 0.2	Tryptophan	%	0.2



Ingredients (in descending order of inclusion)- Wheat middlings, ground corn, soybean hulls, dehulled soybean meal, dehydrated alfalfa meal, dicalcium phosphate, soybean oil, calcium carbonate, choline chloride, iodized salt, ferrous sulfate, zinc oxide, vitamin E acetate, menadione sodium bisulfite complex (source of vitamin K activity), copper sulfate, manganous oxide, niacin, calcium pantothenate, pyridoxine hydrochloride, riboflavin, thiamin mononitrate, vitamin A acetate, vitamin B_{12} supplement, folic acid, biotin, vitamin D_3 supplement, calcium iodate, sodium selenite.

Standard	Product	Form:	Pellet
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Vitamins		
Vitamin A ^{e, f}	IU/g	15.0
Vitamin D ₃ ^{e, g}	IU/g	1.5
Vitamin E	IU/kg	117
Vitamin K ₃ (menadione)	mg/kg	50
Vitamin B ₁ (thiamin)	mg/kg	21
Vitamin B ₂ (riboflavin)	mg/kg	15
Niacin (nicotinic acid)	mg/kg	58
Vitamin B ₆ (pyridoxine)	mg/kg	18
Pantothenic Acid	mg/kg	31
Vitamin B ₁₂ (cyanocobalamin)	mg/kg	0.08
Biotin	mg/kg	0.41
Folate	mg/kg	4
Choline	mg/kg	1830
Fatty Acids		
C16:0 Palmitic	%	0.5
C18:0 Stearic	%	0.1
C18:1ω9 Oleic	%	0.7
C18:2ω6 Linoleic	%	2.0
C18:3ω3 Linolenic	%	0.2
Total Saturated	%	0.6
Total Monounsaturated	%	0.7
Total Polyunsaturated	%	2.2
Other		
Cholesterol	mg/kg	

Shelf life: With proper storage, diet is suitable for use out to 9 months.

www.inotivco.com/shelf-life-of-diets-used-in-research

- ^a Ether extract is used to measure fat in pelleted diets, while an acid hydrolysis method is required to recover fat in extruded diets. Compared to ether extract, the fat value for acid hydrolysis will be approximately 1% point higher.
- ^b Carbohydrate (available) is calculated by subtracting neutral detergent fiber from total carbohydrates.
- ^c Neutral detergent fiber is an estimate of insoluble fiber, including cellulose, hemicellulose, and lignin. Crude fiber methodology underestimates total fiber.
- ^d Energy density is a calculated estimate of *metabolizable energy* based on the Atwater factors assigning 4 kcal/g to protein, 9 kcal/g to fat, and 4 kcal/g to available carbohydrate.
- $^{\rm e}$ Indicates added amount but does not account for contribution from other ingredients.
- f 1 IU vitamin A = 0.3 μg retinol
- g 1 IU vitamin D = 25 ng cholecalciferol

For nutrients not listed, insufficient data is available to quantify.

Nutrient data represent the best information available, calculated from published values and direct analytical testing of raw materials and finished product. Nutrient values may vary due to the natural variations in the ingredients, analysis, and effects of processing.

