7037

Teklad Miniswine Diet

Product Description- 7037 is a fixed formula diet manufactured with high quality ingredients designed to support growth and reproduction of lab miniswine. Also suitable for feeding of conventional swine weighing 10 kg or more. **Related code 7037C (certified).**

Ingredients (in descending order of inclusion)- Ground corn, wheat middlings, dehulled soybean meal, fish meal, dehydrated alfalfa meal, dicalcium phosphate, calcium carbonate, lecithin, salt, DL-methionine, choline chloride, L-lysine, magnesium oxide, 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***

Macronutrients		
Crude Protein	%	15.6
Fat (ether extract) [a]	%	4.0
Carbohydrate (available) [b]	%	51.2
Crude Fiber	%	3.4
Neutral Detergent Fiber [c]	%	13.2
Ash	%	5.4
Energy Density [d]	kcal/g (kJ/g)	3.0 (12.6)
Calories from Protein	%	21
Calories from Fat	%	12
Calories from Carbohydrate	%	67
Minerals		
Calcium	%	1.0
Phosphorus	%	0.8
Non-Phytate Phosphorus	%	0.5
Sodium	%	0.2
Potassium	%	0.6
Chloride	%	0.3
Magnesium	%	0.2
Zinc	mg/kg	214
Manganese	mg/kg	64
Copper	mg/kg	36
Iodine	mg/kg	1
Iron	mg/kg	275
Selenium	mg/kg	0.48
Amino Acids		
Aspartic Acid	%	1.4
Glutamic Acid	%	2.0
Alanine	%	1.0
Glycine	%	0.8
Threonine	%	0.7
Proline	%	1.2
Serine	%	0.9
Leucine	%	1.4
Isoleucine	%	0.7
Valine	%	0.7
Phenylalanine	%	0.7
Tyrosine	%	0.6
Methionine	%	0.5
Cystine	%	0.2
Lysine	%	0.8
Histidine	%	0.4
Arginine	%	0.9
Tryptophan	%	0.2

Vitamins		
Vitamin A [e, f]	IU/g	15.0
Vitamin D_3 [e, g]	IU/g	1.5
Vitamin E	IU/kg	110
Vitamin K_3 (menadione)	mg/kg	50
Vitamin B_1 (thiamin)	mg/kg	17
Vitamin B_2 (riboflavin)	mg/kg	15
Niacin (nicotinic acid)	mg/kg	58
Vitamin B_6 (pyridoxine)	mg/kg	19
Pantothenic Acid	mg/kg	32
Vitamin B_{12} (cyanocobalamin)	mg/kg	0.08
Biotin	mg/kg	0.39
Folate	mg/kg	4
Choline	mg/kg	1870
Fatty Acids		
C16:0 Palmitic	%	0.5
C18:0 Stearic	%	0.1
C18:1ω9 Oleic	%	0.7
C18:2ω6 Linoleic	%	1.5
C18:3ω3 Linolenic	%	0.1
Total Saturated	%	0.6
Total Monounsaturated	%	0.9
Total Polyunsaturated	%	1.6
Other		
Cholesterol	mg/kg	30

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

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[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.

[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.

Teklad Diets are designed and manufactured for research purposes only.