

Teklad 21% Lab Dog Diet

Product Description- 8755 is a fixed formula, non-autoclavable diet manufactured with high quality ingredients and designed for maintenance of adult dogs. This diet meets or exceeds the maintenance nutrient requirements of dogs as established by the Association of American Feed Control Officials.

Ingredients (in descending order of inclusion)- Ground corn, wheat middlings, dehulled soybean meal, porcine meat and bone meal, corn gluten feed, porcine fat, dried beet pulp, iodized salt, choline chloride, calcium propionate, kaolin, ferrous sulfate, vitamin E acetate, manganous oxide, zinc oxide, niacin, thiamin mononitrate, copper sulfate, calcium pantothenate, vitamin A acetate, menadione sodium bisulfite complex (source of vitamin K activity), riboflavin, pyridoxine hydrochloride, cobalt carbonate, ethylenediamine dihydriodide, vitamin B₁₂ supplement, folic acid, vitamin D₃ supplement, biotin.

Standard Product Form: **Extruded**

Macronutrients		
Crude Protein	%	22.0
Fat (acid hydrolysis) ^a	%	8.7
Carbohydrate (available) ^b	%	40.4
Crude Fiber	%	3.6
Neutral Detergent Fiber ^c	%	11.7
Ash	%	7.2
Energy Density ^d	kcal/g (kJ/g)	3.4 (14.2)
Calories from Protein	%	27
Calories from Fat	%	22
Calories from Carbohydrate	%	51

Minerals		
Calcium	%	1.4
Phosphorus	%	1.1
Non-Phytate Phosphorus	%	0.8
Sodium	%	0.4
Potassium	%	0.7
Chloride	%	0.5
Magnesium	%	0.2
Zinc	mg/kg	140
Manganese	mg/kg	110
Copper	mg/kg	16
Iodine	mg/kg	3
Iron	mg/kg	280
Selenium	mg/kg	0.20

Amino Acids		
Aspartic Acid	%	1.9
Glutamic Acid	%	3.1
Alanine	%	1.4
Glycine	%	1.7
Threonine	%	0.8
Proline	%	1.8
Serine	%	1.3
Leucine	%	1.8
Isoleucine	%	0.9
Valine	%	1.1
Phenylalanine	%	0.9
Tyrosine	%	0.7
Methionine	%	0.3
Cystine	%	0.3
Lysine	%	1.1
Histidine	%	0.5
Arginine	%	1.4
Tryptophan	%	0.2

Vitamins		
Vitamin A ^{e, f}	IU/g	10.1
Vitamin D ₃ ^{e, g}	IU/g	2.2
Vitamin E	IU/kg	85
Vitamin K ₃ (menadione)	mg/kg	2
Vitamin B ₁ (thiamin)	mg/kg	25
Vitamin B ₂ (riboflavin)	mg/kg	6
Niacin (nicotinic acid)	mg/kg	74
Vitamin B ₆ (pyridoxine)	mg/kg	10
Pantothenic Acid	mg/kg	19
Vitamin B ₁₂ (cyanocobalamin)	mg/kg	0.04
Biotin	mg/kg	0.20
Folate	mg/kg	2
Choline	mg/kg	1780

Fatty Acids		
C16:0 Palmitic	%	1.6
C18:0 Stearic	%	0.6
C18:1ω9 Oleic	%	2.3
C18:2ω6 Linoleic	%	1.5
C18:3ω3 Linolenic	%	0.1
Total Saturated	%	2.4
Total Monounsaturated	%	2.7
Total Polyunsaturated	%	1.6

Other		
Cholesterol	mg/kg	600

^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 published predictive equations for dogs (NRC, *Nutrient Requirements of Dogs and Cats*. The National Academies Press, 2006).

^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.

