8773

Teklad NIB Primate Diet

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Product Description- 8773 is a fixed formula, non-autoclavable diet manufactured with high quality ingredients designed to support gestation, lactation, and growth stages of most nonhuman primates. Source of stabilized vitamin C is L-ascorbyl-2-polyphosphate, and diet contains vitamin D_3.

Ingredients (in descending order of inclusion)- Ground corn, soybean hulls, dehulled soybean meal, corn gluten meal, ground oats, porcine fat, dehydrated alfalfa meal, sucrose, dicalcium phosphate, calcium carbonate, ground wheat, iodized salt, L-ascorbyl-2-polyphosphate, brewers dried yeast, dried whey, fish meal, calcium propionate, choline chloride, ferrous sulfate, vitamin E acetate, manganous oxide, zinc oxide, niacin, menadione sodium bisulfite complex (source of vitamin K activity), copper sulfate, calcium pantothenate, folic acid, vitamin A acetate, pyridoxine hydrochloride, thiamin mononitrate, riboflavin, vitamin D_3 supplement, cobalt carbonate, vitamin B_{12} supplement, ethylenediamine dihydriodide, biotin.

Standard Product Form: ***Extruded***

Macronutrients		
Crude Protein	%	19.2
Fat (acid hydrolysis) [a]	%	6.0
Carbohydrate (available) [b]	%	41.0
Crude Fiber	%	8.8
Neutral Detergent Fiber [c]	%	18.2
Ash	%	6.2
Energy Density [d]	kcal/g (kJ/g)	2.9 (12.1)
Calories from Protein	%	27
Calories from Fat	%	16
Calories from Carbohydrate	%	57
Minerals		
Calcium	%	1.2
Phosphorus	%	0.7
Non-Phytate Phosphorus	%	0.5
Sodium	%	0.2
Potassium	%	0.8
Chloride	%	0.4
Magnesium	%	0.2
Zinc	mg/kg	140
Manganese	mg/kg	130
Copper	mg/kg	19
Iodine	mg/kg	3
Iron	mg/kg	380
Selenium	mg/kg	0.21
Amino Acids		
Aspartic Acid	%	1.5
Glutamic Acid	%	2.7
Alanine	%	1.1
Glycine	%	0.9
Threonine	%	0.9
Proline	%	1.5
Serine	%	1.1
Leucine	%	2.2
Isoleucine	%	0.9
Valine	%	1.0
Phenylalanine	%	1.0
Tyrosine	%	0.6
Methionine	%	0.4
Cystine	%	0.3
Lysine	%	0.8
Histidine	%	0.5
Arginine	%	1.1
Tryptophan	%	0.2

Vitamins		
Vitamin A [e, f]	IU/g	19.5
Vitamin D_3 [e, g]	IU/g	8.0
Vitamin E	IU/kg	95
Vitamin K_3 (menadione)	mg/kg	13
Vitamin B_1 (thiamin)	mg/kg	15
Vitamin B_2 (riboflavin)	mg/kg	11
Niacin (nicotinic acid)	mg/kg	82
Vitamin B_6 (pyridoxine)	mg/kg	16
Pantothenic Acid	mg/kg	24
Vitamin B_{12} (cyanocobalamin)	mg/kg	0.04
Biotin	mg/kg	0.22
Folate	mg/kg	18
Choline	mg/kg	1150
Fatty Acids		
C16:0 Palmitic	%	0.9
C18:0 Stearic	%	0.4
C18:1ω9 Oleic	%	1.6
C18:2ω6 Linoleic	%	1.1
C18:3ω3 Linolenic	%	0.1
Total Saturated	%	1.4
Total Monounsaturated	%	1.8
Total Polyunsaturated	%	1.2
Other		
Cholesterol	mg/kg	100
Vitamin C (ascorbic acid)	mg/kg	910

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.