

Product Description- 2072 is a fixed formula, non-autoclavable diet manufactured with high quality ingredients designed to support gestation, lactation, growth, and maintenance. The diet contains low-ash poultry by-product meal and poultry fat which are preferred by ferrets over conventional meat and bone meals and vegetable oils. It also contains other highly digestible ingredients such as rice and egg. **Sold only as 2072C (certified).**

Macronutrients		
Crude Protein	%	39.0
Fat (acid hydrolysis) ^a	%	20.0
Carbohydrate (available) ^b	%	19.2
Crude Fiber	%	1.2
Neutral Detergent Fiber ^c	%	4.4
Ash	%	8.4
Energy Density ^d	kcal/g (kJ/g)	3.8 (15.9)
Calories from Protein	%	39
Calories from Fat	%	42
Calories from Carbohydrate	%	19

Minerals		
Calcium	%	1.9
Phosphorus	%	1.3
Non-Phytate Phosphorus	%	1.1
Sodium	%	0.6
Potassium	%	0.5
Chloride	%	0.9
Magnesium	%	0.1
Zinc	mg/kg	180
Manganese	mg/kg	59
Copper	mg/kg	32
Iodine	mg/kg	4
Iron	mg/kg	270
Selenium	mg/kg	0.39

Amino Acids		
Aspartic Acid	%	2.9
Glutamic Acid	%	4.5
Alanine	%	3.2
Glycine	%	3.8
Threonine	%	1.2
Proline	%	2.1
Serine	%	1.5
Leucine	%	2.4
Isoleucine	%	1.3
Valine	%	1.6
Phenylalanine	%	1.1
Tyrosine	%	1.1
Methionine	%	1.1
Cystine	%	0.5
Lysine	%	2.5
Histidine	%	0.9
Arginine	%	2.2
Tryptophan	%	0.3
Taurine	%	0.2

Teklad Diets are designed and manufactured for research purposes only.



Ingredients (in descending order of inclusion)- Poultry by-product meal, white rice, poultry fat, fish meal, egg product, dried beet pulp, L-lysine, brewers dried yeast, iodized salt, phosphoric acid, DL-methionine, calcium carbonate, taurine, choline chloride, vitamin E acetate, dicalcium phosphate, calcium propionate, calcium phosphate, menadione sodium bisulfite complex (source of vitamin K activity), ferrous sulfate, zinc oxide, calcium pantothenate, magnesium oxide, thiamin mononitrate, copper sulfate, manganous oxide, niacin, vitamin A acetate, pyridoxine hydrochloride, riboflavin, cobalt carbonate, vitamin B₁₂ supplement, folic acid, sodium selenite, calcium iodate, biotin, vitamin D₃ supplement.

Standard Product Form: Extruded

Vitamins		
Vitamin A ^{e, f}	IU/g	27.0
Vitamin D ₃ ^{e, g}	IU/g	3.4
Vitamin E	IU/kg	185
Vitamin K ₃ (menadione)	mg/kg	57
Vitamin B ₁ (thiamin)	mg/kg	110
Vitamin B ₂ (riboflavin)	mg/kg	23
Niacin (nicotinic acid)	mg/kg	86
Vitamin B ₆ (pyridoxine)	mg/kg	22
Pantothenic Acid	mg/kg	120
Vitamin B ₁₂ (cyanocobalamin)	mg/kg	0.22
Biotin	mg/kg	0.54
Folate	mg/kg	6
Choline	mg/kg	2960
Fatty Acids		
C16:0 Palmitic	%	4.9
C18:0 Stearic	%	1.4
C18:1ω9 Oleic	%	7.4
C18:2ω6 Linoleic	%	3.7
C18:3ω3 Linolenic	%	0.2
Total Saturated	%	6.4
Total Monounsaturated	%	8.2
Total Polyunsaturated	%	3.9
Other		
Cholesterol	mg/kg	520

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 published predictive equations for cats (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.