

DESCRIPTION

Certified Canine Diet is a Constant Nutrition™, palatable and complete life-cycle diet for reproduction, growth and maintenance of laboratory dogs. Its constant-nutrient formulation helps minimize nutritional variables in long-term studies. Available only in an extruded particle size which is convenient for mixing. A sample of this product will have been assayed prior to shipment. Refer to the Shelf Life section at the end of this book for product longevity information and storage suggestions.

Features and Benefits

- Each package is assayed for environmental contaminants prior to shipment
- Preanalysis monitoring assures maximum diet control
- Fulfills GLP requirements

Product Forms Available

- Chunk, 16 mm x 8 mm (5/8" x 5/16")
- Meal (ground chunks)

GUARANTEED ANALYSIS

Crude protein not less than	25.0%
Crude fat not less than	9.0%
Crude fiber not more than	4.0%
Moisture not more than	12.0%
Ash not more than	10.0%
Added minerals not more than	2.0%

INGREDIENTS

Ground corn, porcine meat meal, dehulled soybean meal, corn gluten meal, ground wheat, wheat middlings, porcine animal fat preserved with BHA, dried beet pulp, blood meal, dried whey, calcium carbonate, brewers dried yeast, fish meal, wheat germ, salt, choline chloride, pyridoxine hydrochloride, vitamin A acetate, cholecalciferol, menadione dimethylpyrimidinol bisulfite (source of vitamin K), folic acid, calcium pantothenate, dl-alpha tocopheryl acetate, thiamin mononitrate, nicotinic acid, manganous oxide, ferrous sulfate, cyanocobalamin, cobalt carbonate, riboflavin, copper sulfate, biotin, zinc oxide, dicalcium phosphate, monocalcium phosphate, calcium iodate, sodium selenite.

FEEDING DIRECTIONS

Due to the variation of dog breeds used for research purposes, the feeding directions given are for the Beagle. For dogs the size of Beagles, the feed consumption is normally 20-30 grams of air-dry Certified Canine Diet per kilogram of body weight. Smaller breeds consume slightly more in proportion to body weight, while larger breeds consume slightly less. If fed dry, Certified Canine Diet can be offered free choice in self feeders. If desired, it can be fed moistened with water, milk or broth. For growing pups, feed free choice. Most pups will start to eat solid food at three to four weeks of age. Sometimes pups eat better if the feed is moistened.

CHEMICAL COMPOSITION¹

Nutrients²		
Protein, %	25.5	Sulfur, % 0.24
Arginine, %	1.46	Sodium, % 0.42
Cystine, %	0.37	Chlorine, % 0.43
Glycine, %	1.85	Fluorine, ppm 12
Histidine, %	0.55	Iron, ppm 370
Isoleucine, %	1.02	Zinc, ppm 140
Leucine, %	2.10	Manganese, ppm 55
Lysine, %	1.10	Copper, ppm 13
Methionine, %	0.44	Cobalt, ppm 0.50
Phenylalanine, %	1.09	Iodine, ppm 1.7
Tyrosine, %	0.74	Chromium, ppm 2.3
Threonine, %	0.90	Selenium, ppm 0.28
Tryptophan, %	0.25	
Valine, %	1.15	Vitamins
Serine, %	1.23	Carotene, ppm 2.0
Aspartic Acid, %	2.49	Vitamin K (as menadione), ppm 0.29
Glutamic Acid, %	4.90	Thiamin Hydrochloride, ppm . . 10
Alanine, %	1.70	Riboflavin, ppm 4.5
Proline, %	2.10	Niacin, ppm 77
Taurine, %	0.01	Pantothenic Acid, ppm 20
Fat (ether extract), %	8.5	Choline Chloride, ppm 2000
Fat (acid hydrolysis), %	9.5	Folic Acid, ppm 2.8
Cholesterol, ppm	168	Pyridoxine, ppm 13
Linoleic Acid, %	1.33	Biotin, ppm 0.2
Linolenic Acid, %	0.08	B ₁₂ , mcg/kg 27
Arachidonic Acid, %	0.01	Vitamin A, IU/gm 40
Omega-3 Fatty Acids, %	0.08	Vitamin D ₃ (added), IU/gm . . . 4.4
Total Saturated Fatty Acids, %	3.63	Vitamin E, IU/kg 44
Total Monounsaturated		Ascorbic Acid, mg/gm —
Fatty Acids, %	3.41	
Fiber (Crude), %	2.8	Calories provided by:
Neutral Detergent Fiber ³ , % . . .	11.1	Protein, % 28.107
Acid Detergent Fiber ⁴ , %	4.1	Fat (ether extract), % 21.080
Nitrogen-Free Extract		Carbohydrates, % 50.813
(by difference), %	46.1	*Product Code
Starch, %	34.5	1. Based on the latest ingredient
Glucose, %	0.24	analysis information. Since
Fructose, %	0.24	nutrient composition of natural
Sucrose, %	1.10	ingredients varies, analysis will
Lactose, %	0.46	differ accordingly.
Total Digestible Nutrients, %	83.1	2. Nutrients expressed as percent of
Gross Energy, kcal/gm	4.27	ration except where otherwise
Physiological Fuel Value⁵,		indicated. Moisture content is
kcal/gm	3.63	assumed to be 10.0% for the
Digestible Energy, kcal/gm	3.54	purpose of calculations.
Metabolizable Energy,		3. NDF = approximately cellulose,
kcal/gm	3.40	hemi-cellulose and lignin.
		4. ADF = approximately cellulose
		and lignin.
		5. Physiological Fuel Value
		(kcal/gm) = Sum of decimal
		fractions of protein, fat and carbo-
		hydrate (use Nitrogen Free
		Extract) x 4,9,4 kcal/gm
		respectively.
Minerals		
Ash, %	7.1	
Calcium, %	1.65	
Phosphorus, %	1.00	
Phosphorus (non-phytate), % . .	0.77	
Potassium, %	0.71	
Magnesium, %	0.16	