Certified Canine Diet 5007*

DESCRIPTIION

Certified Canine Diet is a Constant Nutrition®, palatable and complete life-cycle diet for reproduction, growth and maintenance of laboratory dogs. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation 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.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- 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%

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, calcium carbonate, dried whey, brewers dried yeast, fish meal, wheat germ, salt, choline chloride, pyridoxine hydrochloride, vitamin A acetate, cholecalciferol, menadione dimethylpyrimidinol bisulfite, folic acid, calcium pantothenate, dl-alpha tocopheryl acetate, thiamin mononitrate, nicotinic acid, manganous oxide, ferrous sulfate, vitamin B_{12} supplement, 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 COMPOSITION[1]

Nutrients[2]

Protein, %	**25.5**
Arginine, %	1.46
Cystine, %	0.37
Glycine, %	1.85
Histidine, %	0.55
Isoleucine, %	1.02
Leucine, %	2.10
Lysine, %	1.10
Methionine, %	0.44
Phenylalanine, %	1.09
Tyrosine, %	0.74
Threonine, %	0.90
Tryptophan, %	0.25
Valine, %	1.15
Serine, %	1.23
Aspartic Acid, %	2.49
Glutamic Acid, %	4.90
Alanine, %	1.70
Proline, %	2.10
Taurine, %	0.01
Fat (ether extract), %	**8.5**
Fat (acid hydrolysis), %	**9.5**
Cholesterol, ppm	168
Linoleic Acid, %	1.33
Linolenic Acid, %	0.08
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.08
Total Saturated Fatty Acids, %	3.63
Total Monounsaturated Fatty Acids, %	3.41
Fiber (Crude), %	**2.8**
Neutral Detergent Fiber[3], %	11.1
Acid Detergent Fiber[4], %	4.1
Nitrogen-Free Extract (by difference), %	**46.1**
Starch, %	34.5
Glucose, %	0.24
Fructose, %	0.24
Sucrose, %	1.10
Lactose, %	0.46
Total Digestible Nutrients,%	**83.1**
Gross Energy, kcal/gm	**4.27**
Physiological Fuel Value[5], kcal/gm	**3.63**
Digestible Energy, kcal/gm	**3.54**
Metabolizable Energy, kcal/gm	**3.40**

Minerals

Ash, %	**7.1**
Calcium, %	1.65
Phosphorus, %	1.00
Phosphorus (non-phytate), %	0.77
Potassium, %	0.71
Magnesium, %	0.16
Sulfur, %	0.24
Sodium, %	0.42
Chlorine, %	0.43
Fluorine, ppm	12
Iron, ppm	370
Zinc, ppm	140
Manganese, ppm	55
Copper, ppm	13
Cobalt, ppm	0.50
Iodine, ppm	1.7
Chromium, ppm	2.3
Selenium, ppm	0.28

Vitamins

Carotene, ppm	2.0
Vitamin K (as menadione),ppm	0.29
Thiamin Hydrochloride, ppm	10
Riboflavin, ppm	4.5
Niacin, ppm	77
Pantothenic Acid, ppm	20
Choline Chloride, ppm	2000
Folic Acid, ppm	2.8
Pyridoxine, ppm	13
Biotin, ppm	0.2
B_{12}, mcg/kg	27
Vitamin A, IU/gm	40
Vitamin D_3 (added), IU/gm	4.4
Vitamin E, IU/kg	44
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	28.107
Fat (ether extract), %	21.080
Carbohydrates, %	50.813

*Product Code

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.