

Laboratory High Density Canine Diet 5LI8*

DESCRIPTION

Laboratory High Density Canine Diet is a Constant Nutrition™ diet supplying complete canine life-cycle nutrition. This is a palatable, high energy, high protein diet formulated for good body conditioning, good coat quality, low stool volume and firm stools. This diet is meat based and contains all the nutrients needed by the animal at all life stages. No supplementation is necessary. Refer to the Shelf Life section at the end of this book for product longevity information and storage suggestions.

Features and Benefits

- Complete nutrition eliminates need for supplements
- High protein and high energy promotes good body condition and a shiny, healthy coat
- Nutrient dense, high nutrient content per unit of volume, promotes firm stools and low stool volume

Product Forms Available

- Chunk, 10 mm diameter x 8 mm length (3/8"x5/16")

GUARANTEED ANALYSIS

Crude protein not less than	.27.0%
Crude fat not less than	.16.0%
Crude fiber not more than	.4.0%
Ash not more than	.7.5%

INGREDIENTS

Ground corn, poultry by-product meal, ground brown rice, corn gluten meal, poultry fat preserved with ethoxyquin, dried beet pulp, porcine animal fat preserved with BHA, porcine meat meal, brewers dried yeast, dried whey, dried egg product, blood meal, soybean oil, calcium carbonate, salt, potassium chloride, dicalcium phosphate, monocalcium phosphate, L-lysine, choline chloride, pyridoxine hydrochloride, DL-methionine, menadione dimethylpyrimidinol bisulfite (source of vitamin K), cholecalciferol, biotin, lecithin, vitamin A acetate, dl-alpha tocopheryl acetate, inositol, natural and artificial flavors, phosphoric acid, folic acid, calcium pantothenate, potassium sorbate, thiamin mononitrate, ethoxyquin (a preservative), riboflavin, nicotinic acid, sodium sulfite, cyanocobalamin, manganous oxide, L-tryptophan, tocopherols (a preservative), ferrous sulfate, cobalt carbonate, copper sulfate, zinc oxide, calcium iodate, sodium selenite.

FEEDING DIRECTIONS

Change the animals' diet gradually by mixing Laboratory High Density Canine Diet with the current diet. Increase the proportion of Laboratory High Density Canine Diet each day until the animals are completely switched over. Feed free-choice to growing puppies or active dogs. For body weight maintenance, consumption will be approximately (based upon the dogs' body weight; values for Beagles);

- 10 lb. dog 110 grams (3.9 oz.)
- 20 lb. dog 215 grams (7.5 oz.)
- 30 lb. dog 320 grams (11.3 oz.)

The amount of food consumed will vary with the dog's level of activity, physiological stage and breed. Feed free-choice to dogs under stress. Breeding and lactating dogs should be fed free-choice, but body weight should be monitored during gestation. If the animal begins to gain excessive weight, feed should be limited.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	.27.5
Arginine, %	1.34
Cystine, %	0.41
Glycine, %	1.38
Histidine, %	0.45
Isoleucine, %	1.00
Leucine, %	2.41
Lysine, %	1.40
Methionine, %	0.63
Phenylalanine, %	1.11
Tyrosine, %	0.89
Threonine, %	0.90
Tryptophan, %	0.20
Valine, %	1.22
Serine, %	1.28
Aspartic Acid, %	1.96
Glutamic Acid, %	4.04
Alanine, %	1.85
Proline, %	2.22
Taurine, %	0.06
Fat (ether extract), %	16.0
Fat (acid hydrolysis), %	17.8
Cholesterol, ppm	1220
Linoleic Acid, %	2.71
Linolenic Acid, %	0.18
Arachidonic Acid, %	0.06
Omega-3 Fatty Acids, %	0.18
Total Saturated Fatty Acids, %	6.09
Total Monounsaturated Fatty Acids, %	6.96
Fiber (Crude), %	2.5
Neutral Detergent Fiber ³ , %	8.3
Acid Detergent Fiber ⁴ , %	3.0
Nitrogen-Free Extract (by difference), %	37.4
Starch, %	18.2
Glucose, %	0.16
Fructose, %	0.16
Sucrose, %	0.63
Lactose, %	0.56
Total Digestible Nutrients, %	86.7
Gross Energy, kcal/gm	4.71
Physiological Fuel Value⁵, kcal/gm	4.04
Metabolizable Energy, kcal/gm	3.63
Digestible Energy, kcal/gm	3.90
Minerals	
Ash, %	6.6
Calcium, %	1.55
Phosphorus, %	0.87
Phosphorus (non-phytate), %	0.73
Potassium, %	0.54
Magnesium, %	0.12

Sulfur, %	0.27
Sodium, %	0.53
Chlorine, %	0.96
Fluorine, ppm	34
Iron, ppm	380
Zinc, ppm	192
Manganese, ppm	52
Copper, ppm	16
Cobalt, ppm	0.88
Iodine, ppm	2.2
Chromium, ppm	0.92
Selenium, ppm	0.35

Vitamins

Carotene, ppm	4.1
Vitamin K (as menadione), ppm	3.1
Thiamin Hydrochloride, ppm	16
Riboflavin, ppm	15
Niacin, ppm	115
Pantothenic Acid, ppm	26
Choline Chloride, ppm	1800
Folic Acid, ppm	3.3
Pyridoxine, ppm	16
Biotin, ppm	0.66
B ₁₂ , mcg/kg	170
Vitamin A, IU/gm	26
Vitamin D ₃ (added), IU/gm	4.0
Vitamin E, IU/kg	206
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	27.255
Fat (ether extract), %	35.679
Carbohydrates, %	37.066

*Product Code

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, 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, hemicellulose 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.