

## DESCRIPTION

High Density Canine Diet is a palatable, high-energy, high animal protein diet designed for all life stages. This diet is formulated for optimal body conditioning and coat quality, low stool volume and firm stool. This is a complete life-cycle diet formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

### Features and Benefits

- **Managed Formulation delivers Constant Nutrition®**
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Complete nutrition eliminates need for supplements
- High protein and high energy promotes optimum body condition and a shiny, healthy coat
- High nutrient density promotes firm stool and low stool volume

Product Forms Available	Catalog #
• Extruded Particle, 3/8" x 5/16", 15 kg	0005563

## GUARANTEED ANALYSIS

Crude protein not less than	27.00%
Crude fat not less than	16.00%
Crude fiber not more than	4.00%
Moisture not more than	12.00%
Ash not more than	8.50%
Sodium not more than	0.77%

## INGREDIENTS

Ground Corn, Chicken Meal, Corn Gluten Meal, Rice Flour, Porcine Meat and Bone Meal, Dried Plain Beet Pulp, Poultry Fat Preserved with Mixed Tocopherols, Porcine Animal Fat Preserved with BHA and Citric Acid, Brewers Dried Yeast, Hydrolyzed Poultry By-Products Aggregate, Spray Dried Animal Blood Cells, Dried Egg Product, Dried Whey, Salt, Dicalcium Phosphate, L-Lysine, Calcium Carbonate, Soybean Oil, Natural Flavor, Potassium Chloride, Choline Chloride, Pyridoxine Hydrochloride, Menadi-one Dimethylpyrimidinol Bisulfite (Vitamin K), DL-Methionine, Cholecalciferol (Vitamin D3), Lecithin, Vitamin A Acetate, DL-Alpha Tocopheryl Acetate (Vitamin E), Ferrous Sulfate, Rosemary Extract, Inositol, Preserved with Mixed Tocopherols, Zinc Oxide, Calcium Pantothenate, Folic Acid, Thiamine Mononitrate, Calcium Iodate, Ethoxyquin (a Preservative), Riboflavin Supplement, Nicotinic Acid, Manganous Oxide, Vitamin B12 Supplement, Copper Sulfate, Cobalt Carbonate, Biotin.

## FEEDING DIRECTIONS

Change the animals' diet gradually by mixing High Density Canine Diet with the current diet. Increase the proportion of 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;

- 10 lb. (4.5 kg) Dog - 90 to 113 grams
- 20 lb. (9.1 kg) Dog - 182 to 228 grams
- 30 lb. (13.6 kg) Dog - 272 to 340 grams

The amount of feed consumed will vary with the energy density of the diet, the dog's level of activity, physiological stage and breed. Consequently, the amount of feed required for each dog will vary and should be adjusted accordingly. Feed free choice to dogs under stress. Breeding and lactating dogs should be monitored during gestation, if the animal begins to gain excessive weight, feed should be limited. Dogs should be maintained in an ideal body condition and not allowed to become overweight.

For information regarding shelf life please visit [www.labdiet.com](http://www.labdiet.com).

## CHEMICAL COMPOSITION<sup>1</sup>

<b>Nutrients<sup>2</sup></b>		Iron, ppm. . . . .	380
<b>Protein, %</b> . . . . .	<b>27.1</b>	Zinc, ppm . . . . .	190
Arginine, % . . . . .	1.40	Manganese, ppm . . . . .	58
Cystine, % . . . . .	0.40	Copper, ppm . . . . .	13
Glycine, % . . . . .	1.96	Cobalt, ppm . . . . .	0.92
Histidine, % . . . . .	0.60	Iodine, ppm . . . . .	1.7
Isoleucine, % . . . . .	1.08	Chromium (added), ppm . . . . .	0.02
Leucine, % . . . . .	2.63	Selenium, ppm . . . . .	0.45
Lysine, % . . . . .	1.96		
Methionine, % . . . . .	0.65	<b>Vitamins</b>	
Phenylalanine, % . . . . .	1.25	Carotene, ppm . . . . .	1.9
Tyrosine, % . . . . .	0.92	Vitamin K, ppm . . . . .	3.0
Threonine, % . . . . .	0.98	Thiamin, ppm . . . . .	14
Tryptophan, % . . . . .	0.21	Riboflavin, ppm . . . . .	15
Valine, % . . . . .	1.24	Niacin, ppm . . . . .	110
Serine, % . . . . .	1.19	Pantothenic Acid, ppm . . . . .	25
Aspartic Acid, % . . . . .	2.13	Choline, ppm . . . . .	1750
Glutamic Acid, % . . . . .	4.27	Folic Acid, ppm . . . . .	3.3
Alanine, % . . . . .	2.03	Pyridoxine, ppm . . . . .	17
Proline, % . . . . .	1.99	Biotin, ppm . . . . .	0.60
Taurine, % . . . . .	0.05	B <sub>12</sub> , mcg/kg . . . . .	90
<b>Fat (ether extract), %</b> . . . . .	<b>16.0</b>	Vitamin A, IU/gm . . . . .	26
<b>Fat (acid hydrolysis), %</b> . . . . .	<b>17.5</b>	Vitamin D <sub>3</sub> (added), IU/gm . . . . .	4.0
Cholesterol, ppm . . . . .	411	Vitamin E, IU/kg . . . . .	205
Linoleic Acid, % . . . . .	4.07	Ascorbic Acid, mg/gm . . . . .	0.0
Linolenic Acid, % . . . . .	0.19		
Arachidonic Acid, % . . . . .	0.03	<b>Calories provided by:</b>	
Omega-3 Fatty Acids, % . . . . .	0.23	Protein, % . . . . .	27.276
Total Saturated Fatty Acids, %	4.55	Fat (ether extract), % . . . . .	36.234
Total Monounsaturated		Carbohydrates, % . . . . .	36.489
Fatty Acids, % . . . . .	5.62		
<b>Fiber (Crude), %</b> . . . . .	<b>2.7</b>	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.	
Neutral Detergent Fiber <sup>3</sup> , % . . . . .	14.6	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.	
Acid Detergent Fiber <sup>4</sup> , % . . . . .	4.3	3. NDF = approximately cellulose, hemicellulose and lignin.	
<b>Nitrogen-Free Extract</b>		4. ADF = approximately cellulose and lignin.	
<b>(by difference), %</b> . . . . .	<b>36.3</b>	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.	
Starch, % . . . . .	26.3	<b>NOTE: When assayed, actual levels may vary from calculated values.</b>	
Sucrose, % . . . . .	0.40		
<b>Total Digestible Nutrients, %</b>	<b>75.0</b>		
<b>Gross Energy, kcal/gm</b> . . . . .	<b>5.23</b>		
<b>Physiological Fuel Value<sup>5</sup>,</b>			
<b>kcal/gm</b> . . . . .	<b>3.97</b>		
<b>Metabolizable Energy,</b>			
<b>kcal/gm</b> . . . . .	<b>3.29</b>		
<b>Minerals</b>			
<b>Ash, %</b> . . . . .	<b>8.0</b>		
Calcium, % . . . . .	1.50		
Phosphorus, % . . . . .	0.86		
Phosphorus (non-phytate), %	0.78		
Potassium, % . . . . .	0.56		
Magnesium, % . . . . .	0.11		
Sulfur, % . . . . .	0.30		
Sodium, % . . . . .	0.51		
Chloride, % . . . . .	1.14		
Fluorine, ppm . . . . .	33		