

Advanced Protocol® Insectivore Diet

5LP7*

DESCRIPTION

Advanced Protocol® Insectivore Diet is a complete diet for insectivores such as shrews, moles, hedgehogs, opossums and insectivorous bats. It can also be fed to anteaters and armadillos. 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.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- Designed to be complete and balanced for insectivores, no supplementation necessary
- Highly fortified, may be fed with fruits, greens, etc.
- Contains fish oil and lecithin, rich source of long-chain omega-3 fatty acids and phospholipids, respectively
- Contains over 10% crude fiber which helps simulate the chitin component of the insectivore's diet
- Highly palatable
- Contains natural vitamin E

Product Forms Available

- Extruded particle, 1.6 mm x 1.6 mm (1/16"x1/16")

GUARANTEED ANALYSIS

Crude protein not less than	28.0%
Crude fat not less than	12.0%
Crude fiber not more than	13.0%
Ash not more than	8.0%

INGREDIENTS

Poultry by-product meal, poultry meal, ground brown rice, dried beet pulp, ground wheat, ground soybean hulls, dehulled soybean meal, fructose, dried egg product, corn flour, ground aspen, porcine fat preserved with BHA, poultry digest, poultry fat preserved with ethoxyquin, powdered cellulose, dried apple pomace, dried whey, shrimp meal, fish meal, wheat germ, brewers dried yeast, soybean oil, fish oil, lecithin, phosphoric acid, salt, DL-methionine, taurine, potassium chloride, choline chloride, pyridoxine hydrochloride, menadione dimethylpyrimidinol bisulfite, d-alpha tocopheryl acetate, thiamin mononitrate, L-ascorbyl-2-polyphosphate, cholecalciferol, inositol, biotin, vitamin A acetate, folic acid, ethoxyquin (a preservative), riboflavin, vitamin B₁₂ supplement, calcium pantothenate, calcium carbonate, nicotinic acid, ferrous sulfate, copper sulfate, zinc oxide, manganese oxide, calcium iodate, ferrous carbonate, zinc sulfate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

Feed to insectivores at a rate of at least 50% of their daily dry matter intake.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	28.5
Arginine, %	1.58
Cystine, %	0.44
Glycine, %	1.22
Histidine, %	0.45
Isoleucine, %	1.02
Leucine, %	1.89
Lysine, %	1.64
Methionine, %	0.76
Phenylalanine, %	1.01
Tyrosine, %	0.65
Threonine, %	0.97
Tryptophan, %	0.25
Valine, %	1.34
Serine, %	0.88
Aspartic Acid, %	1.40
Glutamic Acid, %	2.30
Alanine, %	1.01
Proline, %	1.25
Taurine, %	0.26

Fat (ether extract), % 12.0

Fat (acid hydrolysis), % 9.1

Cholesterol, ppm 830

Linoleic Acid, % 1.72

Linolenic Acid, % 0.11

Arachidonic Acid, % 0.05

Omega-3 Fatty Acids, % 0.24

Total Saturated Fatty Acids, % 2.74

Total Monounsaturated

Fatty Acids, % 3.17

Fiber (Crude), % 9.6

Neutral Detergent Fiber³, % 16.4

Acid Detergent Fiber⁴, % 11.6

Nitrogen-Free Extract

(by difference), % 33.5

Starch, % 16.3

Glucose, % 0.02

Fructose, % 0.02

Sucrose, % 0.20

Lactose, % 0.67

Total Digestible Nutrients, % 68.4

Gross Energy, kcal/gm 4.50

Physiological Fuel Value⁵,

kcal/gm 3.56

Metabolizable Energy,

kcal/gm 3.20

Minerals

Ash, % 6.5

Calcium, % 1.35

Phosphorus, % 0.98

Phosphorus (non-phytate), % 0.79

Potassium, % 0.65

Magnesium, % 0.13

Sulfur, % 0.25

Sodium, % 0.35

Chlorine, % 0.57

Fluorine, ppm 13

Iron, ppm 330

Zinc, ppm 110

Manganese, ppm 75

Copper, ppm 25

Cobalt, ppm 1.1

Iodine, ppm 2.4

Chromium, ppm 0.44

Selenium, ppm 0.48

Vitamins

Carotene, ppm 0.06

Vitamin K (as menadione), ppm 3.3

Thiamin Hydrochloride, ppm 0.91

Riboflavin, ppm 0.25

Niacin, ppm 120

Pantothenic Acid, ppm 0.29

Choline Chloride, ppm 2800

Folic Acid, ppm 4.5

Pyridoxine, ppm 0.18

Biotin, ppm 0.53

B₁₂, mcg/kg 250

Vitamin A, IU/gm 15

Vitamin D₃ (added), IU/gm 3.8

Vitamin E, IU/kg 360

Ascorbic Acid, mg/gm 0.20

Calories provided by:

Protein, % 32.022

Fat (ether extract), % 30.337

Carbohydrates, % 37.641

*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.