

## DESCRIPTION

Advanced Protocol® LabDiet® Frog Diet is designed for carnivorous frogs. 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
- Complete nutrition eliminates need for supplements
- Designed to float for easy consumption

### Product Forms Available

- Extruded particle, 5 mm x 5 mm (3/16"x3/16"), float

## GUARANTEED ANALYSIS

Crude protein not less than	45.0%
Crude fat not less than	12.0%
Crude fiber not more than	4.0%
Calcium (Ca) not less than	1.60%
Calcium (Ca) not more than	2.10%
Phosphorus (P) not less than	1.10%
Sodium (Na) not less than	0.10%
Sodium (Na) not more than	0.60%
Ash not more than	10.0%

## INGREDIENTS

Fish meal, poultry by-product meal, ground corn, dehulled soybean meal, ground wheat, wheat middlings, fish oil, spray dried animal blood cells, pyridoxine hydrochloride, lecithin, choline chloride, DL-methionine, brewers dried yeast, calcium pantothenate, l-ascorbyl-2-polyphosphate, menadione sodium bisulfite complex, thiamin mononitrate, biotin, folic acid, cholecalciferol, riboflavin, nicotinic acid, dl-alpha tocopheryl acetate, vitamin A acetate, ethoxyquin (a preservative), zinc oxide, vitamin B<sub>12</sub> supplement, manganous oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, calcium carbonate, cobalt carbonate.

## MIXING DIRECTIONS

Feed non-breeding adult frogs 0.5%-1% of body weight per day. For juveniles, feed 1%-3% of body weight per day. Adjust food offered according to body condition. Do not leave excess uneaten food in the water as it will degrade water quality.

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

### Nutrients<sup>2</sup>

<b>Protein, %</b>	<b>45.3</b>
Arginine, %	2.56
Cystine, %	0.53
Glycine, %	2.40
Histidine, %	1.33
Isoleucine, %	1.53
Leucine, %	3.68
Lysine, %	3.09
Methionine, %	0.84
Phenylalanine, %	1.96
Tyrosine, %	1.24
Threonine, %	1.60
Tryptophan, %	0.51
Valine, %	2.46
Serine, %	2.32
Aspartic Acid, %	4.76
Glutamic Acid, %	7.01
Alanine, %	3.07
Proline, %	2.96
Taurine, %	0.23

**Fat (ether extract), %** 10.9

**Fat (acid hydrolysis), %** 12.2

Cholesterol, ppm	824
Linoleic Acid, %	1.01
Linolenic Acid, %	0.14
Arachidonic Acid, %	0.13
Omega-3 Fatty Acids, %	1.68
Total Saturated Fatty Acids, %	4.18
Total Monounsaturated	
Fatty Acids, %	2.97

**Fiber (Crude), %** 2.3

Neutral Detergent Fiber<sup>3</sup>, % 7.1

Acid Detergent Fiber<sup>4</sup>, % 3.1

**Nitrogen-Free Extract**

**(by difference), %** 22.0

Starch, % 13.0

Glucose, % 0.07

Fructose, % 0.06

Sucrose, % 0.75

Lactose, % 0.00

**Total Digestible Nutrients, %** 75.2

**Gross Energy, kcal/gm** 4.98

**Physiological Fuel Value<sup>5</sup>,**

**kcal/gm** 3.67

**Metabolizable Energy,**

**kcal/gm** 2.87

**Minerals**

**Ash, %** 9.2

Calcium, % 2.04

Phosphorus, % 1.44

Phosphorus (non-phytate), % 1.20

Potassium, % 0.93

Magnesium, % 0.22

Sulfur, % 0.46

Sodium, % 0.22

Chlorine, % 0.42

Fluorine, ppm 41

Iron, ppm 690

Zinc, ppm 250

Manganese, ppm 110

Copper, ppm 22

Cobalt, ppm 0.92

Iodine, ppm 2.3

Chromium, ppm 1.3

Selenium, ppm 0.86

### Vitamins

Carotene, ppm 0.10

Vitamin K (as menadione), ppm 5.0

Thiamin Hydrochloride, ppm 35

Riboflavin, ppm 37

Niacin, ppm 240

Pantothenic Acid, ppm 100

Choline Chloride, ppm 2630

Folic Acid, ppm 7.0

Pyridoxine, ppm 31

Biotin, ppm 0.60

B<sub>12</sub>, mcg/kg 150

Vitamin A, IU/gm 9.0

Vitamin D<sub>3</sub> (added), IU/gm 2.4

Vitamin E, IU/kg 110

Ascorbic Acid, mg/gm 0.15

### Calories provided by:

Protein, % 49.290

Fat (ether extract), % 26.735

Carbohydrates, % 23.974

### \*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, 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.