

DESCRIPTION

Xenopus Diet is designed for amphibians and carnivorous reptiles. This diet 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. It is shipped as a powder made from fish, poultry, blood, egg, spirulina algae, vitamins and minerals. It is designed to be made into a gel prior to feeding. Specially formulated for protocols when xenopus frogs need a balanced laboratory diet.

Features and Benefits

- [Managed Formulation delivers Constant Nutrition®](#)
- Nutritionally complete - No vitamin and mineral supplementation needed
- Soft-Moist gel - Highly palatable

Product Forms Available

- Dry Powder

Catalog

0023574

GUARANTEED ANALYSIS

Crude protein not less than	55.00%
Crude fat not less than	15.00%
Crude fiber not more than	1.00%
Ash not more than	12.00%

INGREDIENTS

Fish meal (menhaden), salmon meal, chicken meal, fish oil (menhaden), gelatin, spray dried animal blood cells, spirulina algae meal (color), anhydrous Betaine (a chemo attractant for fish), dried egg product, xanthan gum, choline bitartrate, l-ascorbyl-2-phosphate (stabilized vitamin C), inositol, nicotinic acid, calcium pantothenate, tagetes (Aztec marigold) extract (color), zinc oxide, d-alpha tocopheryl acetate (form of vitamin E), canthaxanthin (color), menadione sodium bisulfite complex (source of vitamin K), preserved with mixed tocopherols (form of vitamin E), thiamine mononitrate, rosemary extract, riboflavin supplement, pyridoxine hydrochloride, citric acid (a preservative), beta carotene, folic acid, vitamin A acetate, manganous oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, calcium carbonate, biotin, cobalt carbonate, cholecalciferol (form of vitamin D3), vitamin B12 supplement.

FEEDING DIRECTIONS

Xenopus Diet is designed to be an essential part of a total feeding system. It may be fed free choice as the primary diet or may be supplemented with insects or other prey items, meat or produce. Remove uneaten feed daily.

- Consumption will vary based on species, life stage and environmental temperature. In general, growing or reproducing animals and those in warmer environments will consume more than older animals and those in cooler environment.
- When using other dietary ingredients, care must be taken to ensure total daily nutrient recommendations are achieved (e.g. proper gut loading or supplementing of items has been carried out).
- Feed intake will vary based on animal body size and life state, level of activity and environmental temperature.
- Prepared Xenopus Diet can be fed at a range of 0.5% to 4.0% of body weight per day to provide optimal nutrition. Never feed dry powder without first combining with water.
- Mix, by weight, 65% boiling (or at minimum 180oF) water to 35% Xenopus Diet. Adjust mixture to meet desired texture and need.
- Mix thoroughly with a spoon, fork or whisk for one minute, then pour into a shallow pan and allow to cool.
- Refrigerate until firm. Cut into pieces appropriately sized for the animals being fed.
- Always provide animal with plenty of fresh, clean water.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	59.6	Iron, ppm	540
Arginine, %	3.48	Zinc, ppm	280
Cystine, %	0.59	Manganese, ppm	110
Glycine, %	5.27	Copper, ppm	18
Histidine, %	1.43	Cobalt, ppm	1.4
Isoleucine, %	1.97	Iodine, ppm	2.2
Leucine, %	3.99	Chromium (added), ppm	0.68
Lysine, %	3.80	Selenium, ppm	1.42
Methionine, %	1.21		
Phenylalanine, %	2.19		
Tyrosine, %	1.51		
Threonine, %	2.16		
Tryptophan, %	0.59		
Valine, %	2.76		
Serine, %	2.38		
Aspartic Acid, %	5.23		
Glutamic Acid, %	7.07		
Alanine, %	3.68		
Proline, %	2.65		
Taurine, %	0.29		

Fat (ether extract), %	18.0	Vitamins	
Fat (acid hydrolysis), %	18.6	Carotene, ppm	40
Cholesterol, ppm	1900	Vitamin K, ppm	5.0
Linoleic Acid, %	0.97	Thiamine, ppm	34
Linolenic Acid, %	0.40	Riboflavin, ppm	32
Arachidonic Acid, %	0.82	Niacin, ppm	330
Omega-3 Fatty Acids, %	10.4	Pantothenic Acid, ppm	110
Total Saturated Fatty Acids, %	5.12	Choline, ppm	2300
Total Monounsaturated		Folic Acid, ppm	6.3
Fatty Acids, %	3.53	Pyridoxine, ppm	26
Fiber (Crude), %	1.0	Biotin, ppm	1.1
Neutral Detergent Fiber ³ , %	5.0	B ₁₂ , mcg/kg	200
Acid Detergent Fiber ⁴ , %	1.1	Vitamin A, IU/gm	15
Nitrogen-Free Extract		Vitamin D ₃ (added), IU/gm	7.4
(by difference), %	-0.6	Vitamin E, IU/kg	160
Starch, %	0.0	Ascorbic Acid, mg/gm	1.5
Sucrose, %	0.0		

Total Digestible Nutrients, %	68.4	Calories provided by:	
Gross Energy, kcal/gm	5.79	Protein, %	59.908
Physiological Fuel Value⁵,		Fat (ether extract), %	40.702
kcal/gm	3.98	Carbohydrates, %	-0.610
Metabolizable Energy,			
kcal/gm	1.73		

Minerals		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.
Ash, %	11.9	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
Calcium, %	3.10	3. NDF = approximately cellulose, hemi-cellulose and lignin.
Phosphorus, %	2.11	4. ADF = approximately cellulose and lignin.
Phosphorus (non-phytate), %	1.95	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.
Potassium, %	0.69	NOTE: When assayed, actual levels may vary from calculated values.
Magnesium, %	0.17	
Sulfur, %	0.66	
Sodium, %	0.59	
Chloride, %	0.83	
Fluorine, ppm61	