

DESCRIPTION

Advanced Protocol™ Aquatic Mix is designed for the feeding of aquarium fish. It is shipped as a powder made from fish products, vitamins and trace minerals which is designed to be made into a gel when mixed with water prior to feeding.

Features and Benefits

- Soft-moist texture of gel is more palatable to fish which are difficult to feed
- Contains stabilized vitamin C for longer shelf life
- Contains all vitamins and trace minerals known to be required by fish, vitamin supplementation not necessary
- Contains pigments which will help pigment fish

Product Forms Available

- Powder

GUARANTEED ANALYSIS

Crude protein not less than	50.0%
Crude fat not less than	14.0%
Crude fiber not more than	1.5%
Ash not more than	20.0%

INGREDIENTS

Fish meal, fish oil, gelatin, spirulina algae, sugar beet extract, l-ascorbyl-2-polyphosphate (source of vitamin C), xanthan gum, choline bitartrate, pyridoxine hydrochloride, menadione dimethylpyrimidinol bisulfite (source of vitamin K), biotin, calcium pantothenate, inositol, canthaxanthin, cholecalciferol (source of vitamin D₃), d-alpha tocopheryl acetate (source of natural vitamin E), thiamin mononitrate, folic acid, beta carotene, nicotinic acid, vitamin A acetate, riboflavin, ethoxyquin (a preservative), cyanocobalamin (source of vitamin B₁₂), zinc oxide, manganous oxide, zinc sulfate, ferrous carbonate, copper sulfate, calcium iodate, cobalt carbonate.

FEEDING DIRECTIONS

Mix with an appropriate amount of hot water (over 200° F). Blend with a spoon for one minute and pour into a flat pan to cool. Chill overnight in a refrigerator. Cut the gel by hand or with a food processor to obtain an appropriate size. Feed to fish. The firmness of the gel is affected by the amount of water used. A good starting point is to use a 50:50 ratio by weight of dry diet and water.

CHEMICAL COMPOSITION¹

Nutrients²		Sulfur, %	0.72
Protein, %	55.7	Sodium, %	0.53
Arginine, %	3.83	Chlorine, %	0.83
Cystine, %	0.54	Fluorine, ppm	40
Glycine, %	5.10	Iron, ppm	420
Histidine, %	1.23	Zinc, ppm	270
Isoleucine, %	3.49	Manganese, ppm	110
Leucine, %	4.03	Copper, ppm	19
Lysine, %	4.16	Cobalt, ppm	0.37
Methionine, %	1.54	Iodine, ppm	1.8
Phenylalanine, %	2.22	Chromium, ppm	2.5
Tyrosine, %	1.31	Selenium, ppm	1.8
Threonine, %	2.40		
Tryptophan, %	0.58	Vitamins	
Valine, %	2.88	Carotene, ppm	30
Serine, %	2.27	Vitamin K (as menadione), ppm	5.4
Aspartic Acid, %	5.27	Thiamin Hydrochloride, ppm	37
Glutamic Acid, %	7.27	Riboflavin, ppm	31
Alanine, %	3.48	Niacin, ppm	340
Proline, %	2.59	Pantothenic Acid, ppm	100
Taurine, %	0.24	Choline Chloride, ppm	2800
Fat (ether extract), %	15.6	Folic Acid, ppm	6.3
Fat (acid hydrolysis), %	16.7	Pyridoxine, ppm	26
Cholesterol, ppm	2160	Biotin, ppm	1.1
Linoleic Acid, %	0.19	B ₁₂ , mcg/kg	180
Linolenic Acid, %	0.21	Vitamin A, IU/gm	15
Arachidonic Acid, %	0.23	Vitamin D ₃ (added), IU/gm	3.8
Omega-3 Fatty Acids, %	3.90	Vitamin E, IU/kg	160
Total Saturated Fatty Acids, %	5.72	Ascorbic Acid, mg/gm	1.5
Total Monounsaturated			
Fatty Acids, %	3.65		
Fiber (Crude), %	0.64	Calories provided by:	
Neutral Detergent Fiber ³ , %	0.0	Protein, %	59.983
Acid Detergent Fiber ⁴ , %	0.8	Fat (ether extract), %	37.799
Nitrogen-Free Extract		Carbohydrates, %	2.218
(by difference), %	2.06	*Product Code	
Starch, %	0.00	1. Based on the latest ingredient	
Glucose, %	0.00	analysis information. Since	
Fructose, %	0.00	nutrient composition of natural	
Sucrose, %	0.00	ingredients varies, analysis will	
Lactose, %	0.00	differ accordingly.	
Total Digestible Nutrients, %	75.3	2. Nutrients expressed as percent of	
Gross Energy, kcal/gm	4.91	ration except where otherwise	
Physiological Fuel Value⁵,		indicated. Moisture content is	
kcal/gm	3.71	assumed to be 10.0% for the	
Metabolizable Energy,		purpose of calculations.	
kcal/gm	2.01	3. NDF = approximately cellulose,	
		hemi-cellulose and lignin.	
		4. ADF = approximately cellulose	
		and lignin.	
Minerals		5. Physiological Fuel Value	
Ash, %	16.0	(kcal/gm) = Sum of decimal	
Calcium, %	3.35	fractions of protein, fat and carbo-	
Phosphorus, %	2.07	hydrate (use Nitrogen Free	
Phosphorus (non-phytate), %	1.97	Extract) x 4,9,4 kcal/gm	
Potassium, %	0.56	respectively.	
Magnesium, %	0.16		