Aquatic Gel Diet for Herbivorous Fish

(Available at www.mazuri.com or through a Mazuri® retailer)

Formula Code – 5B0D

Mazuri® EXOTIC ANIMAL NUTRITION

Description

Mazuri® Aquatic Gel Diet for Herbivorous Fish is designed to meet the nutritional requirements of herbivorous fish. It is shipped as a powder which is designed to be made into a gel prior to feeding.

Features and Benefits

- **Soft-moist texture of gel** - More palatable to fish which are difficult to feed.
- **Contains stabilized vitamin C -** Longer shelf life.
- **Contains all vitamins and trace minerals known to be required by fish**.
- **Contains PrimaLac -** A source of live viable naturally occurring microorganisms designed to support gastrointestinal and skin health in fish.
- **Contains pigmenting agents** - Provides optimum coloration.
- **Low starch formula** - More closely replicates wild-type diets.
- **Multiple sustainable fish meal sources used.**

Product Form — Catalog

Dry powder.

- Available by 1 kg — 1815254-409

Guaranteed Analysis (dry powder)

Crude protein not less than	32.0%
Crude fat not less than	4.0%
Crude fiber not more than	8.0%
Ash not more than	13.0%
Calcium not less than	1.5%
Calcium not more than	2.0%
Phosphorus not less than	1.1%
Sodium not more than	1.38%
Selenium not less than	0.60%
Selenium not more than	0.72%

Ingredients

Dehydrated alfalfa meal, dehulled soybean meal, carrot powder, gelatin, spirulina algae meal (color), menhaden meal, spinach powder, wheat germ, salmon meal, dicalcium phosphate, ground soybean hulls, salt, fish oil, dried kelp, shrimp meal, betaine (hydrochloride or anhydrous), dl-methionine, soybean oil, xanthan gum, l-ascorbyl-2-polyphosphate (stabilized vitamin C), zinc amino acid complex, choline chloride, taurine, dried Lactobacillus acidophilus fermentation product, dried Lactobacillus casei fermentation product, dried Bifidobacterium thermophilum fermentation product, inositol, dried Enterococcus faecium fermentation product, tagetes (Aztec marigold) extract (color), manganese methionine hydroxy analogue chelate, nicotinic acid, pyridoxine hydrochloride, d-alpha tocopheryl acetate (form of vitamin E), preserved with mixed tocopherols (form of vitamin E), calcium pantothenate, rosemary extract, thiamine mononitrate, citric acid (a preservative), canthaxanthin (color), riboflavin supplement, beta carotene, basic copper chloride, menadione sodium bisulfite complex (source of vitamin K), vitamin A acetate, folic acid, sodium selenite, biotin, cholecalciferol (form of vitamin D_3), vitamin B_{12} supplement.

Feeding & Mixing Directions

- Mazuri® Aquatic Gel Diet for Herbivorous Fish is designed to be an essential part of a total feeding system.
- Feed intake will vary based on age, body size and reproductive status.
- Prepared Mazuri® Aquatic Gel Diet for Herbivorous Fish can be fed at a rate of up to 50% of the animals' diet to provide optimal nutrition. Never feed dry powder without first combining with water.
    1. Mix, by weight, 70% boiling (or at minimum 180ºF) water to 30% Mazuri® Aquatic Gel Diet for Herbivorous Fish. Adjust mixture to meet desired texture and need.
    2. Mix thoroughly with a spoon, fork or whisk for one minute, then pour into a shallow pan and allow to cool.
    3. Refrigerate until firm. Cut into pieces appropriately sized for the animals being fed.
    4. Feed to herbivorous fish.

Caution: Follow label directions: Feeding added selenium at levels in excess of 0.3ppm in the total diet is prohibited.

Mazuri® Aquatic Gel Diet for Herbivorous Fish

Approximate Nutrient Composition (as is basis)[1]

NUTRIENTS

Protein, % **32**
Arginine, % 2.1
Cystine, % 0.30
Glycine, % 3.6
Histidine, % 0.56
Isoleucine, % 1.3
Leucine, % 1.9
Lysine, % 1.8
Methionine, % 1.0
Phenylalanine, % 1.1
Tyrosine, % 0.78
Threonine, % 1.5
Tryptophan, % 0.29
Valine, % 1.5

Fat (Ether extract), % **4.0**
Linoleic acid, % 0.58
Linolenic acid, % 0.32
Omega-3 Fatty Acids, % 2.0
Omega-6 Fatty Acids, % 0.70

Fiber (Crude), % **8.0**
Neutral Detergent Fiber, % 15
Acid Detergent Fiber, % 12
Starch, % 1.1

Digestible Energy[2],
kcal/kg 3,195

MINERALS

Ash, % 12
Calcium, % 1.6
Phosphorus, % 1.1
Phosphorus (non-phytate), % 0.84
Potassium, % 1.1
Magnesium, % 0.20
Sodium, % 1.0
Chloride, % 1.5
Fluoride, ppm 48
Iron, ppm 495
Zinc, ppm 175
Manganese, ppm 92
Copper, ppm 18
Iodine, ppm 10
Selenium (added), ppm 0.60

VITAMINS

Thiamin, ppm 95
Riboflavin, ppm 335
Niacin, ppm 665
Pantothenic acid, ppm 74
Choline, ppm 765
Folic acid, ppm 4.8
Pyridoxine, ppm 200
Biotin, ppm 1.2
Ascorbic acid (added), ppm 1,900
Vitamin B_{12}, µg/kg 85
Vitamin A, IU/kg 19,550
Vitamin D_3, IU/kg 3,730
Vitamin E, IU/kg 270
Vitamin K (as menadione), ppm 2.7
Beta-carotene, ppm 140

Storage Conditions

Mazuri® Gel Diets have a 1 year shelf life in the dry powder form when stored in a dry environment. For best results, tightly affix lid on canister after removal of desired dosage or store contents of open bag in container with sealing lid. Store in a cool (75°F or colder), dry (approximately 50% RH) location. The mixed product should be stored under refrigeration for no longer than 7 days or frozen for up to 1 month. It is recommended that frozen batches be individually sealed in amount of usage, as repeated entry into the container exposes gel to oxygen. Once this product is mixed with water to form a gel, it should be handled like raw fish.

[1] Based on the latest ingredient analysis information. Since nutrient composition of ingredients varies, analyses will vary accordingly.

[2] Calculated using adjusted Atwaters factors - 4 kcal/g carbohydrate, 9 kcal/g fat, 4 kcal/g protein.