

Mazuri® Aquatic Gel Diet for Omnivorous Fish

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

Formula Code – 5B0B

Description

Mazuri® Aquatic Gel Diet for Omnivorous Fish is designed to meet the nutritional requirements of omnivorous 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

Dry powder.

- Available by the kg

Catalog

1815252-409

Guaranteed Analysis (dry powder)

Crude protein not less than	39.0%	Calcium not less than	2.25%
Crude fat not less than	11.0%	Calcium not more than	2.75%
Crude fiber not more than	4.0%	Phosphorus not less than	1.0%
Ash not more than	16.0%	Sodium not less than	1.5%
		Selenium not less than	1.5%
		Selenium not more than	2.0%

Ingredients

Fish meal (menhaden), salmon meal, carrot powder, ground soybean hulls, gelatin, spinach, shrimp meal, fish oil (menhaden), spirulina algae (color), soybean oil, salt, dried kelp, betaine (a chemo attractant for fish), potassium chloride, dl-methionine, l-threonine, Primalac (Lactobacillus cultures; Lactobacillus acidophilus, Lactobacillus casei, Bifido bacterium bifidum, Enterococcus faecium), xanthan gum, l-ascorbyl-2-polyphosphate (stabilized vitamin C), choline chloride, mixed tocopherols (preservative, form of vitamin E; citric acid, rosemary extract), zinc-HMTB (a methionine precursor), manganese-HMTB (a methionine precursor), inositol, d-alpha tocopheryl acetate (form of vitamin E), calcium iodate, niacin, pyridoxine hydrochloride, calcium pantothenate, riboflavin, thiamin mononitrate, canthaxanthin (color), tribasic copper chloride, menadione sodium bisulfite complex (source of vitamin K), beta-carotene, ferrous sulfate, folic acid, vitamin A acetate, sodium selenite, biotin, cholecalciferol (form of vitamin D₃), vitamin B₁₂ supplement.

Feeding & Mixing Directions

- Mazuri® Aquatic Gel Diet for Omnivorous 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 Omnivorous 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, 60% boiling (or at minimum 180°F) water to 40% Mazuri® Aquatic Gel Diet for Omnivorous Fish. Adjust mixture to meet desired texture and need.
 - a. Do not microwave mixed product.
 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 omnivorous 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 Omnivorous Fish

Approximate Nutrient Composition (as is basis)¹

NUTRIENTS

Protein, %	39
Arginine, %.....	2.1
Cystine, %.....	0.34
Glycine, %.....	3.4
Histidine, %.....	0.73
Isoleucine, %.....	1.2
Leucine, %.....	2.2
Lysine, %.....	2.2
Methionine, %.....	1.1
Phenylalanine, %.....	1.2
Tyrosine, %.....	0.95
Threonine, %.....	1.6
Tryptophan, %.....	0.34
Valine, %.....	1.6

Fat (Ether extract), %.....

11	
Linoleic acid, %.....	1.4
Linolenic acid, %.....	0.44
Arachidonic acid, %.....	0.52
Omega-3 Fatty Acids, %.....	6.8
Omega-6 Fatty Acids, %.....	1.9

Fiber (Crude), %.....

4.0	
Neutral Detergent Fiber, %.....	9.3
Acid Detergent Fiber, %.....	6.4

Digestible Energy²,

kcal/kg.....	3,630
--------------	-------

MINERALS

Ash, %.....	14
Calcium, %.....	2.5
Phosphorus, %.....	1.4
Phosphorus (non-phytate), %.....	1.2
Potassium, %.....	1.1
Magnesium, %.....	0.16
Sodium, %.....	1.3
Chloride, %.....	2.4
Fluoride, ppm.....	45
Iron, ppm.....	330
Zinc, ppm.....	240
Manganese, ppm.....	85
Copper, ppm.....	26
Iodine, ppm.....	32
Selenium (added), ppm.....	0.62

VITAMINS

Thiamin, ppm.....	135
Riboflavin, ppm.....	530
Niacin, ppm.....	950
Pantothenic acid, ppm.....	77
Choline, ppm.....	1,965
Folic acid, ppm.....	5.2
Pyridoxine, ppm.....	205
Biotin, ppm.....	1.3
Ascorbic acid, ppm.....	1,900
Vitamin B ₁₂ , µg/kg.....	105
Vitamin A, IU/kg.....	18,370
Vitamin D ₃ , IU/kg.....	5,280
Vitamin E, IU/kg.....	595
Vitamin K (as menadione), ppm.....	3.5
Beta-carotene, ppm.....	67

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.

Mazuri® is a registered trademark of Purina Mills, LLC.