

# Mazuri® Low Calorie Aquatic Gel Diet

(Available at [www.mazuri.com](http://www.mazuri.com) or through a Mazuri® retailer)

Formula Code – 5B0Q

## Description

Mazuri® Low Calorie Aquatic Gel Diet is designed for the feeding of aquarium fish that need lower caloric density, based on lower fat content and higher prepared moisture content compared to Mazuri® Aquatic Gel Diet for Carnivorous 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 which may improve gastrointestinal and skin health in fish.
- **Contains pigmenting agents** - Provides optimum coloration.
- **Low fat** - Useful for overweight exhibit animals.
- **High moisture** - Useful for animals used to eating high moisture food items.
- **Multiple sustainable fish meal sources used.**



## Product Form

Dry powder.

- Available by 1 kg

## Catalog #

1815255-409

## Guaranteed Analysis (dry powder)

Crude protein not less than .....	60.0%	Calcium not less than .....	2.5%
Crude fat not less than .....	6.0%	Calcium not more than .....	3.5%
Crude fiber not more than .....	2.5%	Phosphorus not less than .....	1.3%
Ash not more than .....	16.0%	Sodium not more than .....	1.65%
		Selenium not less than .....	1.3%
		Selenium not more than .....	2.5%

## Ingredients

Fish meal (menhaden), salmon meal, spirulina algae (color), gelatin, xanthan gum, salt, potassium chloride, shrimp meal, betaine (a chemo attractant for fish), soybean oil, Primalac (Lactobacillus cultures: Lactobacillus acidophilus, Lactobacillus casei, Bifido bacterium bifidium, Enterococcus faecium), l-ascorbyl-polyphosphate (stabilized vitamin C), tagetes (Aztec marigold) extract (color), taurine, niacin, choline chloride, calcium iodate, zinc methionine hydroxy analogue chelate, inositol, mixed tocopherols (preservative, form of vitamin E; citric acid, rosemary extract), manganese methionine hydroxy analogue chelate, d-alpha tocopheryl acetate (form of vitamin E), riboflavin, pyridoxine hydrochloride, calcium pantothenate, fish oil (menhaden), thiamin mononitrate, canthaxanthin (color), menadione sodium bisulfite complex (source of vitamin K), astaxanthin (color), tribasic copper chloride, folic acid, vitamin A acetate, sodium selenite, biotin, cholecalciferol (form of vitamin D<sub>3</sub>), vitamin B<sub>12</sub> supplement.

## Feeding & Mixing Directions

- Mazuri® Low Calorie Aquatic Gel Diet 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® Low Calorie Aquatic Gel Diet 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, 80% boiling (or at minimum 180°F) water to 20% Mazuri® Low Calorie Aquatic Gel Diet. 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 carnivorous or omnivorous fish.

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

# Mazuri® Low Calorie Aquatic Gel Diet

## Approximate Nutrient Composition (as is basis)<sup>1</sup>

### NUTRIENTS

<b>Protein, %</b> .....	<b>60</b>
Arginine, %.....	3.9
Cystine, %.....	0.45
Glycine, %.....	7.1
Histidine, %.....	1.0
Isoleucine, %.....	2.0
Leucine, %.....	3.5
Lysine, %.....	3.3
Methionine, %.....	1.1
Phenylalanine, %.....	1.9
Tyrosine, %.....	1.4
Threonine, %.....	2.1
Tryptophan, %.....	0.50
Valine, %.....	2.7
Taurine, %.....	0.29

### Fat (Ether extract), %..... **6.0**

Linoleic acid, %.....	0.71
Linolenic acid, %.....	0.41
Arachadonic acid, %.....	0.52
Omega-3 Fatty Acids, %.....	6.5
Omega-6 Fatty Acids, %.....	1.2

### Fiber (Crude), %..... **2.5**

### Digestible Energy<sup>2</sup>,

kcal/kg.....	3,465
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### MINERALS

Ash, %.....	14
Calcium, %.....	2.6
Phosphorus, %.....	1.7
Phosphorus (non-phytate), %.....	1.3
Potassium, %.....	1.2
Magnesium, %.....	0.20
Sodium, %.....	1.5
Chloride, %.....	2.3
Fluoride, ppm.....	50
Iron, ppm.....	555
Zinc, ppm.....	165
Manganese, ppm.....	75
Copper, ppm.....	15
Iodine, ppm.....	10
Selenium (added), ppm.....	0.57

### VITAMINS

Thiamin, ppm.....	95
Riboflavin, ppm.....	330
Niacin, ppm.....	645
Pantothenic acid, ppm.....	70
Choline, ppm.....	1,700
Folic acid, ppm.....	4.8
Pyridoxine, ppm.....	190
Biotin, ppm.....	1.2
Ascorbic acid (added), ppm.....	1,905
Vitamin B <sub>12</sub> , µg/kg.....	100
Vitamin A, IU/kg.....	24,840
Vitamin D <sub>3</sub> , IU/kg.....	3,810
Vitamin E, IU/kg.....	600
Vitamin K (as menadione), ppm.....	3.3
Beta-carotene, ppm.....	230

## 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.

<sup>1</sup> Based on the latest ingredient analysis information. Since nutrient composition of ingredients varies, analyses will vary accordingly.

<sup>2</sup> Calculated using adjusted Atwaters factors - 4 kcal/g carbohydrate, 9 kcal/g fat, 4 kcal/g protein.

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