

# Mazuri® Low Fat Aquatic Gel Diet

(Available at [www.mazuri.com](http://www.mazuri.com) or through a Mazuri® retailer)  
**Formula Code – 5ME2**



## Description

Mazuri® Low Fat Aquatic Gel Diet 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 prior to feeding.

## Features & 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 pigmenting agents** - Will help pigment fish.
- **Low Fat Aquatic Gel** - Useful for overweight exhibit animals.

## Product Form

- Dry powder.
- Available by 1 kg

## Catalog #

0007065



## Guaranteed Analysis (dry powder)

Crude protein not less than .....	57.0%	Calcium not less than .....	3.75%
Crude fat not less than .....	9.0%	Calcium not more than .....	4.75%
Crude fiber not more than .....	2.0%	Phosphorous not less than .....	2.0%
Ash not more than .....	17.0%	Sodium not less than .....	0.30%
		Sodium not more than .....	0.80%

## Ingredients

Menhaden meal, salmon meal, gelatin, spirulina algae meal (color), betaine (hydrochloride or anhydrous), xanthan gum, choline chloride, l-ascorbyl-2-polyphosphate (stabilized vitamin C), inositol, nicotinic acid, calcium pantothenate, d-alpha tocopheryl acetate (form of vitamin E), ethoxyquin (a preservative), zinc oxide, canthaxanthin (color), menadione sodium bisulfite complex (source of vitamin K), thiamine mononitrate, riboflavin supplement, pyridoxine hydrochloride, 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 D<sub>3</sub>), vitamin B<sub>12</sub> supplement.

## Feeding & Mixing Directions

- Mazuri® Low Fat 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 Fat 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, 70% boiling (or at minimum 180°F) water to 30% Mazuri® Low Fat Aquatic Gel Diet. 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 fish.

# Mazuri® Low Fat Aquatic Gel Diet

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

### NUTRIENTS

Protein, %.....	57
Arginine, %.....	3.5
Cystine, %.....	0.59
Glycine, %.....	5.1
Histidine, %.....	1.3
Isoleucine, %.....	2.1
Leucine, %.....	3.9
Lysine, %.....	3.9
Methionine, %.....	1.3
Phenylalanine, %.....	2.1
Tyrosine, %.....	1.6
Threonine, %.....	2.2
Tryptophan, %.....	0.62
Valine, %.....	2.7

Fat (Ether extract), %.....	9.0
Linoleic acid, %.....	0.53
Linolenic acid, %.....	0.29
Omega-3 Fatty Acids, %.....	12
Omega-6 Fatty Acids, %.....	1.5

Fiber (Crude), %.....	2.0
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Metabolizable Energy <sup>2</sup> , kcal/kg.....	3,555
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### MINERALS

Ash, %.....	15
Calcium, %.....	4.0
Phosphorus, %.....	2.7
Phosphorus (non-phytate), %.....	2.4
Potassium, %.....	0.87
Magnesium, %.....	0.20
Sodium, %.....	0.70
Chloride, %.....	0.96
Iron, ppm.....	485
Zinc, ppm.....	290
Manganese, ppm.....	105
Copper, ppm.....	17
Iodine, ppm.....	2.3
Selenium (added), ppm.....	0.0

### VITAMINS

Thiamin, ppm.....	31
Riboflavin, ppm.....	30
Niacin, ppm.....	335
Pantothenic acid, ppm.....	100
Choline, ppm.....	3,070
Folic acid, ppm.....	5.9
Pyridoxine, ppm.....	24
Biotin, ppm.....	1.1
Ascorbic acid, ppm.....	1,425
Vitamin B <sub>12</sub> , µg/kg.....	185
Vitamin A, IU/kg.....	63,885
Vitamin D <sub>3</sub> , IU/kg.....	3,560
Vitamin E, IU/kg.....	145
Vitamin K (as menadione), ppm.....	5.3
Beta-carotene, ppm.....	39

### 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 bags 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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