

# Mazuri® Fish Analog 50/27 Gel Diet

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

**Formula Code – 5T8M**



## Description

Mazuri® Fish Analog products are designed as a convenient and nutritionally complete alternative to feeding frozen fish to marine mammals, birds and other aquatic species, and have proven to be palatable in dolphins, seals, sea lions, penguins, beluga whales and other marine species. Mazuri® Fish Analog 50/27 Gel Diet is designed to provide a suitable replacement for high fat fish.

## Features and Benefits

- **Sustainable fish meal source used.**
- **Highly palatable** - Accepted by numerous piscivores - penguins, seals, sea lions, etc.
- **Nutritionally complete** - No supplementation necessary.
- **Contains all vitamins and trace minerals known to be required by fish.**
- **Contains stabilized vitamin C** - Longer shelf life.
- **Gel form allows for inclusion of prescribed medication.**
- **Reduces the need for freezer space.**

## Product Form

Dry powder.

- Available by 1 kg units

## Catalog #

1812785

## Guaranteed Analysis

Crude protein not less than .....	50.0%	Calcium not less than .....	2.25%
Crude fat not less than .....	27.0%	Calcium not more than .....	2.75%
Crude fiber not more than .....	3.0%	Phosphorus not less than .....	1.50%
Ash not more than .....	12.0%	Sodium not less than .....	0.30%
		Sodium not more than .....	0.80%
		Selenium not less than .....	0.95%
		Selenium not more than .....	1.14%

## Ingredients

Menhaden fish meal, fish oil (menhaden), chicken meal, gelatin, dried beet pulp, potassium chloride, lecithin, xanthan gum, salt, spirulina algae meal (color), l-tryptophan, choline bitartrate, taurine, yeast, magnesium oxide, inositol, d-alpha tocopheryl acetate (form of vitamin E), calcium pantothenate, dl-methionine, manganous oxide, l-ascorbyl-2-polyphosphate (stabilized vitamin C), preserved with mixed tocopherols (form of vitamin E), nicotinic acid, rosemary extract, citric acid (a preservative), copper sulfate, thiamine mononitrate, riboflavin supplement, calcium iodate, pyridoxine hydrochloride, folic acid, vitamin A acetate, sodium selenite, menadione sodium bisulfite complex (source of vitamin K), biotin, vitamin B<sub>12</sub> supplement, cholecalciferol (form of vitamin D<sub>3</sub>).

## Feeding & Mixing Directions

- Mazuri® Fish Analog 50/27 Gel Diet is designed to be an essential part of a total feeding system. It is a convenient and consistent option when fish supplies are not ideal, and an excellent vehicle for delivery of prescribed medications
- Feed intake will vary based on age, body size and reproductive status.
- Prepared Mazuri® Fish Analog 50/27 Gel Diet can be fed at a rate of 10 to 25% of the animals' diet to provide optimal nutrition. Never feed dry powder without first combining with water.
  1. Mix, by weight, 65% boiling (or at minimum >180°F) water to 35% Mazuri® Fish Analog 50/27 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.

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

# Mazuri® Fish Analog 50/27 Gel Diet

## Approximate Nutrient Composition<sup>1</sup>

### NUTRIENTS

Protein, %.....	50
Arginine, %.....	3.3
Cystine, %.....	0.51
Glycine, %.....	6.5
Histidine, %.....	0.94
Isoleucine, %.....	1.6
Leucine, %.....	2.9
Lysine, %.....	3.0
Methionine, %.....	0.97
Phenylalanine, %.....	1.6
Tyrosine, %.....	1.0
Threonine, %.....	1.8
Tryptophan, %.....	0.50
Valine, %.....	2.1
Taurine, %.....	0.37

<b>Fat (Ether extract), %.....</b>	<b>27</b>
Linoleic acid, %.....	1.3
Linolenic acid, %.....	0.59
Arachidonic acid, %.....	0.64
Omega-3 Fatty Acids, %.....	9.4
Omega-6 Fatty Acids, %.....	2.0

<b>Fiber (Crude), %.....</b>	<b>3.0</b>
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<b>Digestible Energy<sup>2</sup>,</b>	
kcal/kg.....	4,730

### MINERALS

Ash, %.....	11
Calcium, %.....	2.5
Phosphorus, %.....	1.5
Phosphorus (non-phytate), %.....	1.5
Potassium, %.....	1.0
Magnesium, %.....	0.17
Sodium, %.....	0.53
Chloride, %.....	1.2
Fluoride, %.....	39
Iron, ppm.....	370
Zinc, ppm.....	55
Manganese, ppm.....	110
Copper, ppm.....	19
Iodine, ppm.....	20
Selenium (added), ppm.....	0.97

### VITAMINS

Thiamin, ppm.....	35
Riboflavin, ppm.....	34
Niacin, ppm.....	105
Pantothenic acid, ppm.....	100
Choline, ppm.....	1,910
Folic acid, ppm.....	5.2
Pyridoxine, ppm.....	20
Biotin, ppm.....	0.25
Ascorbic acid, ppm.....	135
Vitamin B <sub>12</sub> , µg/kg.....	205
Vitamin A, IU/kg.....	11,235
Vitamin D <sub>3</sub> , IU/kg.....	8,660
Vitamin E, IU/kg.....	325
Vitamin K (as menadione), ppm.....	2.2

## 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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