

Mazuri® Fish Analog 60/15 Gel Diet

(Available through a Mazuri® retailer)

Formula Code – 5T80



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 60/15 Gel Diet is designed to provide a suitable replacement for shellfish and squid. We recommend intake of 25 to 50% of the animals' diet to provide optimal nutrition. A convenient and consistent option when fish supplies are not ideal, these products also serve as a vehicle for delivery of prescribed medications.

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 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

Catalog

1812784

Guaranteed Analysis (dry powder)

Crude protein not less than	60.0%	Calcium not less than	2.5
Crude fat not less than	15.0%	Calcium not more than	3.5
Crude fiber not more than	2.0%	Phosphorus not less than	1.5%
Moisture not more than	11.0%	Sodium not more than	0.85%
Ash not more than	14.0%	Selenium not less than	0.95%
		Selenium not more than	1.14%

Ingredients

Menhaden meal, low ash chicken meal, gelatin, salmon meal, fish oil, dried beet pulp, potassium chloride, lecithin, xanthan gum, spirulina algae meal (color), L-lysine, salt, taurine, choline bitartrate, L-tryptophan, yeast, magnesium oxide, inositol, d-alpha tocopheryl acetate (form of vitamin E), L-ascorbyl-2-polyphosphate (stabilized vitamin C), manganous oxide, nicotinic acid, calcium pantothenate, preserved with mixed tocopherols (form of vitamin E), rosemary extract, citric acid (a preservative), copper sulfate, riboflavin supplement, calcium iodate, thiamine mononitrate, pyridoxine hydrochloride, dl-methionine, folic acid, vitamin A acetate, menadione sodium bisulfite complex (source of vitamin K), sodium selenite, biotin, vitamin B₁₂ supplement, cholecalciferol (form of vitamin D₃).

Feeding & Mixing Directions

- Mazuri® Fish Analog 60/15 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® Herbivore Aquatic Gel Diet can be fed at a rate of 25 to 50% of the animals' diet to provide optimal nutrition. Never feed dry powder without first combining with water.
 1. Mix, by weight, 65% boiling (or water to 35% Mazuri® Fish Analog 60/15 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 fish.

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Approximate Nutrient Composition (as is basis)¹

NUTRIENTS

Protein, %	60
Arginine, %.....	3.7
Cystine, %.....	0.61
Glycine, %.....	7.0
Histidine, %.....	1.1
Isoleucine, %.....	1.9
Leucine, %.....	3.4
Lysine, %.....	3.8
Methionine, %.....	1.1
Phenylalanine, %.....	1.9
Tyrosine, %.....	1.3
Threonine, %.....	2.1
Tryptophan, %.....	0.56
Valine, %.....	2.5
Taurine, %.....	0.44

Fat (Ether extract), %	16
Linoleic acid, %.....	1.0
Linolenic acid, %.....	0.30
Arachidonic acid, %.....	0.31
Omega-3 Fatty Acids, %.....	4.5
Omega-6 Fatty Acids, %.....	0.85

Fiber (Crude), %	2.0
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Digestible Energy²,	
kcal/kg.....	3,995

MINERALS

Ash, %.....	13
Calcium, %.....	3.3
Phosphorus, %.....	2.0
Phosphorus (non-phytate), %.....	1.9
Potassium, %.....	1.1
Magnesium, %.....	0.20
Sodium, %.....	0.63
Chloride, %.....	1.4
Fluoride, %.....	52
Iron, ppm.....	520
Zinc, ppm.....	70
Manganese, ppm.....	115
Copper, ppm.....	21
Iodine, ppm.....	18
Selenium (added), ppm.....	1.0

VITAMINS

Thiamin, ppm.....	24
Riboflavin, ppm.....	32
Niacin, ppm.....	165
Pantothenic acid, ppm.....	60
Choline, ppm.....	2,595
Folic acid, ppm.....	5.2
Pyridoxine, ppm.....	22
Biotin, ppm.....	0.39
Ascorbic acid, ppm.....	155
Vitamin B ₁₂ , µg/kg.....	215
Vitamin A, IU/kg.....	11,745
Vitamin D ₃ , IU/kg.....	4,965
Vitamin E, IU/kg.....	350
Vitamin K (as menadione), ppm.....	3.4
Beta-carotene, ppm.....	6.2

Storage Conditions

Mazuri® Fish Analog products 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.

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.

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