

Mazuri® Spartan Aquarium Gel Diet

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

Formula Code – 53B5

Description

Mazuri® Spartan Aquarium Gel Diet is formulated for the feeding marine fish, and was designed in collaboration with James Prappas. It is shipped as a powder which is intended to be made into a gel prior to feeding.

Features and Benefits

- **Collaboratively designed with James Prappas** - Leading aquarist.
- **Fortified with additional B vitamins for marine fish health** - Contains additional B₁₂ which aids in digestion and slime coat production.
- **Soft-moist texture of gel** - More palatable to fish which are difficult to feed.
- **Contains PrimaLac** - A source of live viable naturally occurring microorganisms designed to support gastrointestinal and skin health in fish.
- **Contains stabilized vitamin C** - Longer shelf life.
- **Contains all vitamins and trace minerals known to be required by fish.**
- **Contains pigmenting agents** - Provides optimum coloration.
- **Multiple sustainable fish meal sources used.**

Product Form

Dry powder.

- Available by 1 kg

Catalog

0026668



Guaranteed Analysis (dry powder)

Crude protein not less than	55.0%	Calcium less than	3.50%
Crude fat not less than	14.0%	Calcium not more than	4.50%
Crude fiber not more than	3.0%	Phosphorus not less than	1.50%
Ash not more than	17.0%	Sodium not more than	1.30%

Ingredients

M Menhaden meal, salmon meal, gelatin, fish oil (menhaden), shrimp meal, ground corn, soybean oil, spirulina algae meal (color), salt, calcium carbonate, betaine (hydrochloride or anhydrous; a chemo attractant for fish), potassium chloride, xanthan gum, Calafin® & Cyclop-eeze® (decapod meal), choline chloride, l-ascorbyl-2-polyphosphate (stabilized vitamin C), tagetes (Aztec marigold) extract (color), dried Lactobacillus acidophilus fermentation product, dried Lactobacillus casei fermentation product, dried Bifidobacterium thermophilum fermentation product, inositol, dried Enterococcus faecium fermentation product, nicotinic acid, calcium pantothenate, d-alpha tocopheryl acetate (form of vitamin E), astaxanthin (color), ferrous sulfate, ethoxyquin (a preservative), zinc oxide, thiamine mononitrate, menadione sodium bisulfite complex (source of vitamin K), riboflavin supplement, pyridoxine hydrochloride, canthaxanthin (color), beta carotene, folic acid, vitamin A acetate, manganese oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, biotin, cobalt carbonate, vitamin B₁₂ supplement, cholecalciferol (form of vitamin D₃).

Feeding & Mixing Directions

- Mazuri® Spartan Aquarium 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® Spartan Aquarium 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® Spartan Aquarium 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® Spartan Aquarium Gel Diet

Approximate Nutrient Composition (as is basis)¹

NUTRIENTS

Protein, %	55
Arginine, %.....	3.1
Cystine, %.....	0.45
Glycine, %.....	5.7
Histidine, %.....	0.99
Isoleucine, %.....	1.6
Leucine, %.....	3.0
Lysine, %.....	3.1
Methionine, %.....	1.0
Phenylalanine, %.....	1.6
Tyrosine, %.....	1.1
Threonine, %.....	1.8
Tryptophan, %.....	0.42
Valine, %.....	2.2
Fat (Ether extract), %	14
Linoleic acid, %.....	1.6
Linolenic acid, %.....	0.53
Arachidonic acid, %.....	0.63
Omega-3 Fatty Acids, %.....	8.2
Omega-6 Fatty Acids, %.....	2.2
Fiber (Crude), %	3.0
Digestible Energy²,	
kcal/kg.....	3,780

MINERALS

Ash, %.....	15
Calcium, %.....	3.6
Phosphorus, %.....	1.9
Phosphorus (non-phytate), %.....	1.6
Potassium, %.....	1.0
Magnesium, %.....	0.18
Sodium, %.....	1.1
Chloride, %.....	2.1
Fluoride, %.....	60
Iron, ppm.....	470
Zinc, ppm.....	240
Manganese, ppm.....	100
Copper, ppm.....	16
Iodine, ppm.....	2.0
Selenium (added), ppm.....	0.0

VITAMINS

Thiamin, ppm.....	40
Riboflavin, ppm.....	28
Niacin, ppm.....	315
Pantothenic acid, ppm.....	96
Choline, ppm.....	2,290
Folic acid, ppm.....	5.8
Pyridoxine, ppm.....	24
Biotin, ppm.....	1.0
Ascorbic acid (added), ppm.....	1,575
Vitamin B ₁₂ , µg/kg.....	220
Vitamin A, IU/kg.....	22,870
Vitamin D ₃ , IU/kg.....	5,980
Vitamin E, IU/kg.....	200
Vitamin K (as menadione), ppm.....	4.6
Beta-carotene, ppm.....	35

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.

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