

**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. We recommend intake of 10 to 50% of the animals' diet to provide optimal nutrition, a convenient and consistent option when fish supplies are not ideal, and an excellent vehicle for delivery of prescribed medications. Fish Analog 60/15 is designed to provide a suitable replacement for shellfish and squid.

**Features and Benefits**

- Highly palatable – Accepted by numerous piscivores - penguins, seals, sea lions, etc.
- Nutritionally complete – No supplementation necessary.

**Product Form**

- 5T80 - Dry Powder

**Catalog #1812784**

<b>Guaranteed Analysis</b>	<b>Meal</b>
Crude protein not less than .....	60.0%
Crude fat not less than .....	15.0%
Crude fiber not more than .....	3.0%

**Ingredients**

Fish meal, gelatin, poultry meal, fish oil, beet pulp, lecithin, potassium chloride, xanthan gum, salt, pyridoxine hydrochloride, spirulina, L-lysine, taurine, choline chloride, brewers dried yeast, d-alpha tocopheryl acetate (natural source vitamin E), L-tryptophan, menadione dimethylpyrimidinol bisulfite (vitamin K), l-ascorbyl-2-polyphosphate, calcium pantothenate, cholecalciferol, biotin, thiamin mononitrate, mixed tocopherols (a preservative), inositol, folic acid, vitamin A acetate, riboflavin, vitamin B<sub>12</sub> supplement, magnesium oxide, nicotinic acid, manganous oxide, copper sulfate, calcium iodate, sodium selenite.

**Feeding Directions**

- Meal form allows for inclusion of prescribed medication and reduces the need for freezer space. This form is made up in your facility using hot water (> 180° F) at a ratio of 75% water: 25% meal (by weight). Use the 75:25 ratio as a starting point, adjust mixture to meet desired texture and need. Mix water and meal thoroughly, for at least 2 minutes, then pour into desired tray and allow to set. The product can then be cut and frozen.

**Storage Directions**

The meal form is shelf-stable for at least six months. Once this product is prepared, it can be kept in the refrigerator for up to three days, or frozen for up to six months.

# 5T80

# Mazuri® Fish Analog 60/15 Mix

## Approximate Nutrient Composition

<b>NUTRIENTS</b>	<b>Meal</b>
<b>Protein, %</b> .....	<b>60.0</b>
Arginine, %.....	3.65
Cystine, %.....	0.52
Glycine, %.....	6.46
Histidine, %.....	1.15
Isoleucine, %.....	2.99
Leucine, %.....	3.95
Lysine, %.....	4.09
Methionine, %.....	1.34
Phenylalanine, %.....	2.14
Tyrosine, %.....	1.03
Threonine, %.....	2.30
Tryptophan, %.....	0.58
Valine, %.....	3.00
Taurine, %.....	0.30
<b>Fat, %</b> .....	<b>15.8</b>
Omega-3 Fatty Acids, %.....	3.5
Omega-6 Fatty Acids, %.....	0.60
<b>Fiber (Crude), %</b> .....	<b>1.2</b>
Neutral Detergent Fiber, %.....	3.6
Acid Detergent Fiber, %.....	1.5
Digestible Energy*, kcal/kg.....	4571

<b>MINERALS</b>	<b>Meal</b>
<b>Ash, %</b> .....	<b>13.2</b>
Calcium, %.....	3.19
Phosphorus, %.....	1.99
Phosphorus (non-phytate), %.....	1.69
Potassium, %.....	1.00
Magnesium, %.....	0.16
Sodium, %.....	0.61
Chlorine, %.....	1.34
Iron, ppm.....	536
Zinc, ppm.....	100
Manganese, ppm.....	102
Copper, ppm.....	19
Iodine, ppm.....	17
Cobalt, ppm.....	2.2
Chromium, ppm.....	1.3
Selenium, ppm.....	2.1

<b>VITAMINS</b>	
Thiamin, ppm.....	28
Riboflavin, ppm.....	32
Niacin, ppm.....	184
Pantothenic Acid, ppm.....	62
Choline, ppm.....	2379
Folic Acid, ppm.....	5.4
Pyridoxine, ppm.....	22
Biotin, ppm.....	0.39
Vitamin B <sub>12</sub> , mcg/kg.....	217
Ascorbic Acid, ppm.....	159
Vitamin A, IU/kg.....	11,675
Vitamin D <sub>3</sub> (added), IU/kg.....	2200
Vitamin E, IU/kg.....	360
Vitamin K (as menadione), ppm.....	3.6

\* Calculated using 4 kcal/g protein, 9 kcal/g fat, and 4 kcal/g carbohydrate.

Quality Controlled by PMI Nutrition International, a subsidiary of America's oldest and largest animal nutrition company.

Nutrient composition is based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analyses will vary accordingly.