

# Nutrazu® Aquatic Gel Diet

5M70

(Available at our TestDiet Unit (765)966-1885/testdiet@purinamills.com)

## Description

Nutrazu® 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 and 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 - Vitamin supplementation not necessary.
- Contains pigmenting agents - Will help pigment fish.

## Product Form

- Powder

## Guaranteed Analysis

Crude protein not less than	50.0%
Crude fat not less than	14.0%
Crude fibre not more than	1.5%
Calcium (Ca) not less than	3.30%
Calcium (Ca) not more than	4.30%
Phosphorus (P) not less than	1.80%
Sodium (Na) not more than	0.70%

## Ingredients

Fish Meal, fish oil, gelatin, spirulina algae meal, betain, L-ascorbyl-2 polyphosphate (source of vitamin C), xanthan gum, choline bitartrate, pyridoxine hydrochloride, menadione dimethylpyrimidinol bisulfite (source of vitamin K), biotin, taurine, tagetes extract, calcium pantothenate, inositol, canthaxanthin, cholecalciferol (vitamin D<sub>3</sub>), d-alpha tocopheryl acetate (natural source vitamin E), thiamin mononitrate, folic acid, beta carotene, nicotinic acid, vitamin A acetate, riboflavin, astaxanthin, ethoxyquin (a preservative), zinc oxide, vitamin B<sub>12</sub> supplement, manganous oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, calcium carbonate, cobalt carbonate.

## Feeding Directions

Mix with an appropriate amount of hot water (over 200° F). Blend with a spoon for one minute and pour into a flat pan to cool. Chill overnight in a refrigerator. Cut the gel by hand or with a food processor to obtain an appropriate size. Feed to fish.

The firmness of the gel is affected by the amount of water used. A good starting point is to use a 50:50 ratio by weight of dry diet and water.

## Approximate Nutrient Composition

### NUTRIENTS

	<u>Dry Powder</u>	<u>Reconstituted</u>
<b>Protein, %</b> .....	<b>57.1</b>	<b>28.6</b>
Arginine, % .....	3.38	1.69
Cystine, % .....	0.55	0.28
Glycine, % .....	4.90	2.45
Histidine, % .....	1.32	0.66
Isoleucine, % .....	3.56	1.78
Leucine, % .....	4.37	2.19
Lysine, % .....	4.23	2.12
Methionine, % .....	1.57	0.79
Phenylalanine, % .....	2.41	1.21
Tyrosine, % .....	1.40	0.70
Threonine, % .....	2.47	1.24
Tryptophan, % .....	0.60	0.30
Valine, % .....	3.22	1.61
<b>Fat, %</b> .....	<b>15.8</b>	<b>7.9</b>
<b>Fibre (Crude), %</b> .....	<b>0.80</b>	<b>0.40</b>
<b>Nitrogen-Free Extract (by difference), %</b>	<b>1.6</b>	<b>0.80</b>

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

I. Reconstitution level is 50% water to 50% product.

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### MINERALS

	<u>Dry Powder</u>	<u>Reconstituted</u>
<b>Ash, %</b> .....	<b>14.5</b>	<b>7.3</b>
Calcium, % .....	3.78	1.89
Phosphorus, % .....	2.38	1.19
Phosphorus (non-phytate), % .....	1.97	0.99
Potassium, % .....	0.58	0.29
Magnesium, % .....	0.18	0.09
Sulfur, % .....	0.72	0.36
Sodium, % .....	0.56	0.28
Chlorine, % .....	0.80	0.40
Iron, ppm .....	710	360
Zinc, ppm .....	270	140
Manganese, ppm .....	110	55
Copper, ppm .....	14	7.0
Cobalt, ppm .....	3.0	1.5
Iodine, ppm .....	2.2	1.1
Chromium, ppm .....	1.7	8.5

### VITAMINS

Vitamin K (as menadione), ppm .....	5.4	2.7
Thiamin Hydrochloride, ppm .....	37	19
Riboflavin, ppm .....	32	16
Niacin, ppm .....	340	170
Pantothenic Acid, ppm .....	100	50
Choline Chloride, ppm .....	2,800	1,400
Folic Acid, ppm .....	6.3	3.2
Pyridoxine, ppm .....	26	13
Biotin, ppm .....	1.1	0.55
Vitamin B <sub>12</sub> , mcg/kg .....	180	90
Vitamin A, IU/gm .....	19	9.5
Vitamin D <sub>3</sub> (added), IU/gm .....	3.87	1.9
Vitamin E, IU/kg .....	160	80
Ascorbic Acid, ppm .....	1500	750