

## Approximate Nutrient Composition

### NUTRIENTS

<b>Protein, %</b> .....	<b>57.3</b>
Arginine, % .....	3.83
Cystine, % .....	0.60
Glycine, % .....	4.87
Histidine, % .....	1.35
Isoleucine, % .....	3.28
Leucine, % .....	4.48
Lysine, % .....	4.05
Methionine, % .....	1.48
Phenylalanine, % .....	2.50
Tyrosine, % .....	1.47
Threonine, % .....	2.49
Tryptophan, % .....	0.59
Valine, % .....	3.28
<b>Fat, %</b> .....	<b>15.6</b>
<b>Fibre (Crude), %</b> .....	<b>1.0</b>
Neutral Detergent Fibre, % .....	0.0
Acid Detergent Fibre, % .....	0.7
<b>Metabolisable Energy, kcal/g</b> .....	<b>2.18</b>

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

09/29/03

### MINERALS

<b>Ash, %</b> .....	<b>11.1</b>
Calcium, % .....	2.84
Phosphorus, % .....	1.79
Phosphorus (non-phytate), % .....	1.61
Potassium, % .....	0.60
Magnesium, % .....	0.18
Sodium, % .....	0.61
Chlorine, % .....	0.67
Sulfur, % .....	0.66
Molybdenum, ppm .....	1.8
Iron, ppm .....	732
Zinc, ppm .....	251
Manganese, ppm .....	106
Copper, ppm .....	14
Iodine, ppm .....	2.18
Cobalt, ppm .....	2.46
Chromium, ppm .....	1.57
Selenium, ppm .....	1.70

### VITAMINS

Vitamin K (as menadione), ppm .....	5.1
Thiamin Hydrochloride, ppm .....	39
Riboflavin, ppm .....	33
Niacin, ppm .....	339
Pantothenic Acid, ppm .....	105
Choline Chloride, ppm .....	2,573
Folic Acid, ppm .....	6.4
Pyridoxine, ppm .....	26.5
Biotin, ppm .....	1.2
Vitamin B <sub>12</sub> , mcg/kg .....	163
Vitamin A, IU/kg .....	22,000
Vitamin D <sub>3</sub> (added), IU/kg .....	3,800
Vitamin E, IU/kg .....	168
Ascorbic Acid, ppm .....	1,500

# Nutrazu® Vita-Zu Large Bird Tablet

5M23

## Vitamin Supplement (1 Tablet per 2 1/2 pound fish)

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

### Description

Nutrazu® Vita-Zu Large Bird Tablet is formulated to provide supplemental water- and fat-soluble vitamins to fish-eating birds, such as Emperor penguins.

### Product Form

Each tablet weighs 0.75 grams. Tablets are packaged 1000 per canister; 12 canisters per case.

### Guaranteed Analysis

Vitamin A	4,003 IU
Vitamin E	125 IU
Vitamin C	125 mg
Thiamin mononitrate	100 mg
Riboflavin	7.5 mg
Pyridoxine	7.5 mg
Pantothenic acid	7.5 mg
Folic acid	0.25 mg
Biotin	125 mcg

### Ingredients

DL-alpha tocopheryl acetate (vitamin E), dried corn syrup, ascorbic acid (vitamin C), thiamin mononitrate, brewers dried yeast, pyridoxine hydrochloride, calcium pantothenate, riboflavin, vitamin A acetate, maltodextrin, magnesium stearate, silicon dioxide, corn oil, folic acid, biotin.

### Feeding Directions

Feed to large fish-eating birds by placing tablet into the food fish. Feed one (1) tablet per 2 1/2 pounds of fish fed.

### Storage Directions

For best results, replace lid on container after removal of tablet dosage required. Store in original container in a cool (75°F or colder), dry (approximately 50% relative humidity) location.