

DESCRIPTION

Advanced Protocol® New World Primate with DentaGuard is a Constant Nutrition®, complete life-cycle diet for all New World Primates. The product is available as an extruded mini-biscuit containing stabilized vitamin C and vitamin D₃. This diet is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- DentaGuard reduces dental calculus
- Highly palatable, readily consumed
- Protein formulated for all New World species
- Stabilized vitamin C for longer shelf life
- Supplies vitamin D needs of all New World primates

Product Forms Available

- Extruded mini biscuit, 6 mm x 6 mm x 25 mm length (1/4"x1/4"x1")

GUARANTEED ANALYSIS

Crude protein not less than	20.0%
Crude fat not less than	9.0%
Crude fiber not more than	5.5%
Ash not more than	6.5%

INGREDIENTS

Ground corn, wheat middlings, sucrose, casein, dried egg product, wheat germ, dehulled soybean meal, dried whey, corn gluten meal, ground wheat, soybean oil, dried beet pulp, brewers dried yeast, calcium carbonate, porcine animal fat preserved with BHA, wheat bran, dehydrated alfalfa meal, sodium hexametaphosphate, fish meal, salt, L-ascorbyl-2-polyphosphate, folic acid, choline chloride, pyridoxine hydrochloride, menadione dimethylpyrimidinol bisulfite, cholecalciferol, ferrous sulfate, vitamin A acetate, calcium pantothenate, biotin, DL-methionine, thiamin mononitrate, dl-alpha tocopheryl acetate, nicotinic acid, vitamin B₁₂ supplement, riboflavin, zinc oxide, manganous oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, cobalt carbonate, sodium selenite.

FEEDING DIRECTIONS

Primates, like guinea pigs and man, require ascorbic acid in their daily diet. The stability of vitamin C varies with environmental conditions; therefore, this product should be fed within 90 days of manufacture. Primates generally consume about 2% to 4% of their body weight in food each day. The daily food allowance should be given in equal portions twice during the day to prevent wastage. If given too much food, monkeys may throw it outside the cage. Fresh, clean water should be available at all times. The use of fruit, vegetables or other supplements is optional and is not necessary. Product beyond 90 days of age is nutritionally adequate, if in good condition, providing a supplemental source of vitamin C is given. The date of product manufacture is found at the bottom of the back panel of the bag.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	20.0
Arginine, %	0.98
Cystine, %	0.29
Glycine, %	0.58
Histidine, %	0.50
Isoleucine, %	1.02
Leucine, %	1.94
Lysine, %	1.10
Methionine, %	0.48
Phenylalanine, %	0.99
Tyrosine, %	0.74
Threonine, %	0.80
Tryptophan, %	0.22
Valine, %	1.16
Serine, %	1.07
Aspartic Acid, %	1.78
Glutamic Acid, %	4.38
Alanine, %	1.19
Proline, %	1.73
Taurine, %	<0.01
Fat (ether extract), %	9.1
Fat (acid hydrolysis), %	10.0
Cholesterol, ppm	1060
Linoleic Acid, %	3.20
Linolenic Acid, %	0.34
Arachidonic Acid, %	0.05
Omega-3 Fatty Acids, %	0.35
Total Saturated Fatty Acids, %	2.53
Total Monounsaturated Fatty Acids, %	3.02
Fiber (Crude), %	3.4
Neutral Detergent Fiber ³ , %	12.6
Acid Detergent Fiber ⁴ , %	4.7
Nitrogen-Free Extract (by difference), %	53.0
Starch, %	28.8
Glucose, %	0.20
Fructose, %	0.30
Sucrose, %	5.60
Lactose, %	2.70
Total Digestible Nutrients, %	76.8
Gross Energy, kcal/gm	4.33
Physiological Fuel Value⁵, kcal/gm	3.74
Metabolizable Energy, kcal/gm	3.13
Minerals	
Ash, %	4.5
Calcium, %	1.03
Phosphorus, %	0.79
Phosphorus (non-phytate), %	0.57
Potassium, %	0.61
Magnesium, %	0.16

Sulfur, %	0.23
Sodium, %	0.50
Chlorine, %	0.46
Fluorine, ppm	5.9
Iron, ppm	330
Zinc, ppm	150
Manganese, ppm	130
Copper, ppm	17
Cobalt, ppm	0.69
Iodine, ppm	1.9
Chromium, ppm	0.56
Selenium, ppm	0.22

Vitamins

Carotene, ppm	1.8
Vitamin K (as menadione), ppm	3.2
Thiamin Hydrochloride, ppm	19
Riboflavin, ppm	9.5
Niacin, ppm	120
Pantothenic Acid, ppm	62
Choline Chloride, ppm	1800
Folic Acid, ppm	41
Pyridoxine, ppm	14
Biotin, ppm	0.32
B ₁₂ , mcg/kg	50
Vitamin A, IU/gm	30
Vitamin D ₃ (added), IU/gm	6.7
Vitamin E, IU/kg	72
Ascorbic Acid, mg/gm	0.75

Calories provided by:

Protein, %	21.396
Fat (ether extract), %	21.904
Carbohydrates, %	56.700

*Product Code

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.