

# High Protein Monkey Diet

# High Protein Monkey Diet Jumbo

**5045\***  
**5047\***

## DESCRIPTION

High Protein Monkey Diet and High Protein Monkey Diet Jumbo are Constant Nutrition®, complete life-cycle diets for all Old World and New World primates. 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. Both products are extruded biscuits which contain stabilized vitamin C and vitamin D<sub>3</sub>. The nutritional composition is the same for both diets. High Protein Monkey Diet can be used in breeding colonies of Old World primates because of its high nutrient content.

### Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- A high-energy formulation that supports post-partum reproduction
- High palatable, readily consumed
- Higher protein meets nutritional needs of New World primates
- Contains vitamin D<sub>3</sub> and vitamin C
- Suitable for Old World and New World primate breeding colonies

### Product Forms Available

- Standard biscuit, 16 mm x 22 mm x 45 mm length (5/8"x7/8"x1 3/4")
- Jumbo biscuit, 45 mm x 25 mm x 25 mm length (1 3/4"x1"x1")

## GUARANTEED ANALYSIS

Crude protein not less than	25.0%
Crude fat not less than	5.0%
Crude fiber not more than	6.5%
Ash not more than	6.0%

## INGREDIENTS

Dehulled soybean meal, wheat middlings, ground corn, ground wheat, corn gluten meal, porcine animal fat preserved with BHA, ground soybean hulls, dried whey, dried beet pulp, calcium carbonate, sucrose, fish meal, casein, brewers dried yeast, dehydrated alfalfa meal, salt, dicalcium phosphate, monocalcium phosphate, L-ascorbyl-2-polyphosphate, pyridoxine hydrochloride, menadione dimethylpyrimidinol bisulfite, cholecalciferol, vitamin A acetate, choline chloride, ferrous sulfate, folic acid, calcium pantothenate, DL-methionine, thiamin mononitrate, dl-alpha tocopheryl acetate, nicotinic acid, vitamin B<sub>12</sub> 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, High Protein Monkey Diet should be fed within 180 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. High Protein Monkey Diet may be soaked in a fruit juice to soften the product for infants or animals that have difficulty chewing. Fruit juice is recommended because water soaking more rapidly deteriorates vitamin C. The use of fruit, vegetables or other supplements is optional and is not necessary. Product beyond 180 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 COMPOSITION<sup>1</sup>

### Nutrients<sup>2</sup>

<b>Protein, %</b>	<b>25.8</b>
Arginine, %	1.44
Cystine, %	0.37
Glycine, %	1.06
Histidine, %	0.61
Isoleucine, %	1.29
Leucine, %	2.49
Lysine, %	1.22
Methionine, %	0.48
Phenylalanine, %	1.31
Tyrosine, %	0.93
Threonine, %	0.95
Tryptophan, %	0.30
Valine, %	1.31
Serine, %	1.42
Aspartic Acid, %	2.60
Glutamic Acid, %	6.15
Alanine, %	1.49
Proline, %	2.14
Taurine, %	<0.01
<b>Fat (ether extract), %</b>	<b>5.0</b>
<b>Fat (acid hydrolysis), %</b>	<b>6.2</b>
Cholesterol, ppm	70
Linoleic Acid, %	1.57
Linolenic Acid, %	0.11
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.14
Total Saturated Fatty Acids, %	1.70
Total Monounsaturated Fatty Acids, %	1.83
<b>Fiber (Crude), %</b>	<b>4.9</b>
Neutral Detergent Fiber <sup>3</sup> , %	16.7
Acid Detergent Fiber <sup>4</sup> , %	6.8
<b>Nitrogen-Free Extract (by difference), %</b>	<b>47.8</b>
Starch, %	32.2
Glucose, %	0.11
Fructose, %	0.12
Sucrose, %	2.58
Lactose, %	1.68
<b>Total Digestible Nutrients, %</b>	<b>78.6</b>
<b>Gross Energy, kcal/gm</b>	<b>4.14</b>
<b>Physiological Fuel Value<sup>5</sup>, kcal/gm</b>	<b>3.39</b>
<b>Metabolizable Energy, kcal/gm</b>	<b>3.15</b>
<b>Minerals</b>	
<b>Ash, %</b>	<b>6.3</b>
Calcium, %	1.03
Phosphorus, %	0.60
Phosphorus (non-phytate), %	0.28
Potassium, %	1.00
Magnesium, %	0.22

Sulfur, %	0.28
Sodium, %	0.24
Chlorine, %	0.35
Fluorine, ppm	9.6
Iron, ppm	440
Zinc, ppm	160
Manganese, ppm	140
Copper, ppm	21
Cobalt, ppm	0.60
Iodine, ppm	1.7
Chromium, ppm	0.72
Selenium, ppm	0.38

### Vitamins

Carotene, ppm	1.6
Vitamin K (as menadione), ppm	3.0
Thiamin Hydrochloride, ppm	17
Riboflavin, ppm	8.9
Niacin, ppm	110
Pantothenic Acid, ppm	62
Choline Chloride, ppm	1800
Folic Acid, ppm	11
Pyridoxine, ppm	15
Biotin, ppm	0.19
B <sub>12</sub> , mcg/kg	48
Vitamin A, IU/gm	43
Vitamin D <sub>3</sub> (added), IU/gm	6.6
Vitamin E, IU/kg	110
Ascorbic Acid, mg/gm	0.50

### Calories provided by:

Protein, %	30.395
Fat (ether extract), %	13.193
Carbohydrates, %	56.412

### \*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.