

Mazuri® Primate LS Biscuit - Large

(Available at www.mazuri.com or through a Mazuri® retailer)

Formula Code – 5M1S

Diet developed in collaboration
with Disney's Animal Kingdom

Description

Mazuri® Primate LS Biscuit – Large (formerly Primate L/S Biscuit – Cinnamon) is formulated to provide a reduced-starch, high-fiber portion of a primate's complete diet. The cinnamon-flavored biscuits are the larger of the two Mazuri® Primate LS Biscuit offerings and are highly fortified to meet the needs of a variety of primates under managed care. The cinnamon flavor has been tested for palatability in a wide range of primates.

Features and Benefits

- **Less than 8% starch** – Lower starch more closely mimics the composition of wild food items.
- **Designed to be fed with supplementation** - Allows for natural feeding behaviors by the addition of species-appropriate food items.
- **Meets NRC recommendations for all nutrients** - Except protein, sodium and chloride when fed at 50% of the diet.
- **High fiber** - Contains multiple sources of soluble and insoluble fiber.
- **Contains *Lactobacillus* cultures** - May promote GI tract health.
- **Fortified with additional B vitamins** - May benefit geriatric primates.
- **Vitamin E and vitamin C** - More bioavailable sources of these nutrients.
- **Contains flaxseed** - Source of omega-3 fatty acids.
- **Contains beta-carotene and taurine.**

Product Form

Extruded biscuit: 5/8" diameter x 1 3/4" length.

- 25 lb. net weight paper sack

Catalog

0048134

Guaranteed Analysis

Crude protein not less than	21.0%
Crude fat not less than	5.0%
Crude fiber not more than	20.0%
Moisture not more than	12.0%
Ash not more than	8.0%



Ingredients

Ground Soybean Hulls, Dehulled Soybean Meal, Corn Gluten Meal, Dried Apple Pomace, Dried Plain Beet Pulp, Oat Hulls, Cane Molasses, Ground Flaxseed, Carrageenan, Rice Flour, Ground Whole Aspen, Soybean Oil, Wheat Germ, Dicalcium Phosphate, Soy Protein Concentrate, Dried Egg Product, Sucrose, Fructose, Artificial Flavor, Potassium Chloride, Brewers Dried Yeast, Pyridoxine Hydrochloride, Salt, Taurine, L-Ascorbyl-2-Polyphosphate (Vitamin C), Choline Chloride, Calcium Carbonate, Dried *Lactobacillus acidophilus* Fermentation Product, Calcium Pantothenate, d-Alpha Tocopheryl Acetate (Vitamin E), Dried *Lactobacillus casei* Fermentation Product, DL-Methionine, Folic Acid, Zinc Proteininate, Dried *Bifidobacterium thermophilum* Fermentation Product, Cholecalciferol (Vitamin D3), Dried *Enterococcus faecium* Fermentation Product, Manganese Proteininate, Vitamin A Acetate, Copper Proteininate, Menadione Sodium Bisulfite Complex (Vitamin K), Nicotinic Acid, Riboflavin Supplement, Thiamine Mononitrate, Preserved with Mixed Tocopherols, Vitamin B12 Supplement, Citric Acid (a Preservative), Beta Carotene, Cobalt Proteininate, Ethylenediamine Dihydroiodide, Copper Sulfate, Rosemary Extract, Sodium Selenite, Biotin.

Feeding Directions

- Mazuri® Primate LS Biscuits are designed to be an essential part of a total primate feeding system and may be used in conjunction with all other Mazuri® primate products.
- Primates generally consume about 2% to 4% of their body weight in food each day on a dry matter basis (i.e., a 50 kg animal will eat 1 to 2 kg of food per day, on a dry matter basis).
 - Mazuri® Primate LS Biscuits can be supplemented with fresh vegetables and fruit, if desired to provide variety in the diet, as long as the dry matter of these items does not exceed 50% of the dry matter consumption. Using typical produce and non-toxic browse, a feeding program on an "as fed" basis might consist of 60% produce/browse and 40% Mazuri® primate products (i.e., a diet may be 6 lb. of produce/browse plus 4 lb. of one or a mix of Mazuri® primate products).
 - The amount of diet the animal requires will vary according to its age, size, life stage, health status and activity of the animal and the environmental temperature. Adjust daily feed allotments based on the health status, body condition and nutrient level desired to meet the needs of your primates.
- Fresh, clean water should always be available.
- Primates require ascorbic acid (vitamin C) in their daily diet. Mazuri® Primate Diets contain a stabilized form of vitamin C that is stable under appropriate storage conditions for at least 1 year from the date of manufacturing printed on the bag.
- Smaller-sized Mazuri® Primate LS Biscuit - Small also available.

Mazuri® Primate LS Biscuit - Large

Approximate Nutrient Composition¹

PROTEIN

Crude protein, %	20.00
Arginine, %	1.15
Cystine, %	0.33
Glycine, %	0.70
Histidine, %	0.51
Isoleucine, %	0.93
Leucine, %	1.77
Lysine, %	1.07
Methionine, %	0.39
Phenylalanine, %	0.99
Taurine, %	0.25
Threonine, %	0.75
Tryptophan, %	0.22
Tyrosine, %	0.75
Valine, %	0.93

FAT

Crude fat (acid hydrolysis), %	6.50
Linoleic acid, %	1.86
Linolenic acid, %	1.04
Omega-3 fatty acids, %	1.04
Omega-6 fatty acids, %	2.00

CARBOHYDRATES

Crude fiber, %	17.08
Neutral detergent fiber, %	33.20
Acid detergent fiber, %	21.73
Dietary starch, %	4.70

Ash, %	8.00
Dry matter, %	89.91
Metabolizable Energy², kcal/kg	2,920

MACRO MINERALS

Calcium, %	1.00
Chloride, %	0.21
Magnesium, %	0.20
Phosphorus, %	0.66
Phosphorus (available), %	0.46
Potassium, %	1.68
Sodium, %	0.15
Sulfur, %	0.20

MICRO MINERALS

Cobalt, ppm	1.02
Copper, ppm	35.00
Iodine, ppm	1.59
Iron, ppm	251
Manganese, ppm	100
Selenium (added), ppm	0.30
Zinc, ppm	125

VITAMINS

Ascorbic acid, ppm	798
Biotin, ppm	0.38
Choline, ppm	1,905
Folic acid, ppm	13.30
Niacin, ppm	190
Pantothenic acid, ppm	143
Pyridoxine, ppm	31.34
Riboflavin, ppm	23.75
Thiamin, ppm	16.15
Vitamin B ₁₂ , µg/kg	93.68
Vitamin A, IU/kg	21,697
Vitamin D ₃ , IU/kg	4,275
Vitamin E, IU/kg	471
Vitamin K, ppm	2.38
Beta-carotene, ppm	10.32

Storage Conditions

For best results, reseal the bag between uses or store contents of open paper sack in container with sealing lid. Store in a cool (75°F/24°C or colder), dry (approximately 50% RH) location free from rodents and insects. Do not offer moldy or insect-infested feed to animals as it may result in illness, performance loss or death. Freezing will not harm the diet and may extend freshness. Use within 1 year of bag manufacturing or "Best if Used By" date.

¹ Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analyses will vary accordingly.

² Calculated using the NRC of Non-Human Primates, 2nd ed., 2003.