

Mazuri® Primate L/S Gel Diet

5B25

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

Description

Mazuri® Primate L/S Gel Diet is designed to be a reduced starch, high fiber gel diet that is highly fortified to meet the needs of a variety of primates in captivity.

Features and Benefits

- **Low starch and High fiber** - Similar to composition of wild food items.
- **Contains lactobacillus cultures** - May promote GI tract health.
- **Natural source vitamin E and stabilized vitamin C.**
- **Fortified with additional B vitamins** - May benefit geriatric primates.
- **Omega-3 enriched** - With flaxseed.
- **Meets NRC Non-Human Primate recommendations for most nutrients** (except Na and Cl, on Dry Matter Basis).
- **Convenient powder** - Mixes with hot water to form a palatable soft moist product.
- **Banana powder for flavor** - Tested for palatability in a wide range of primates.

Product Form

Powder.

- 1 kg per container

Catalog

1814604

Guaranteed Analysis (Dry powder)

Crude protein not less than 24%
Crude fat not less than 6.5%
Crude fiber not more than 19%
Ash not more than 8.5%
Moisture not more than 12%

Ingredients

Ground soybean hulls, gelatin, dehulled soybean meal, corn gluten meal, ground beet pulp, ground oat hulls, soybean oil, flaxseed, ground corn, molasses, ground aspen, dicalcium phosphate, dried whole egg, wheat germ, sucrose, fructose, banana flavor, brewers dried yeast, salt, calcium carbonate, Primalac (Lactobacillus cultures; Lactobacillus acidophilus, Lactobacillus casei, Bifidobacterium bifidum, Streptococcus faecium, Aspergillus oryzae), taurine, choline chloride, beta carotene, copper sulfate, l-ascorbyl-2-polyphosphate (stabilized vitamin C), dl-methionine, d-alpha tocopheryl acetate (natural source vitamin E), mixed tocopherols (a natural preservative), ascorbic acid, citric acid, rosemary extract, lecithin, potassium carbonate, niacin, manganese sulfate monohydrate, calcium pantothenate, vitamin B₁₂ supplement, menadione sodium bisulfite complex (vitamin K), pyridoxine hydrochloride, riboflavin, thiamin mononitrate, folic acid, biotin, ferrous sulfate, manganous oxide, zinc oxide, vitamin A acetate, ferrous carbonate, sodium selenite, zinc sulfate, calcium iodate, cobalt carbonate, cholecalciferol (vitamin D₃).

Feeding and Mixing Directions

- Mazuri® Primate L/S Gel Diet is designed to be an essential part of a total primate feeding system and may be used in conjunction with all of the Mazuri® primate products. Gel should not be fed at more than 50% of the total diet. Care should be taken when using supplemental dietary ingredients to ensure that nutrient recommendations are assessed.
- Feed intake will vary based on age, body size and reproductive status. A targeted level would be 2% to 4% food intake per kg of animal by body weight per day (dry matter basis). This level of food intake should be achieved by feeding up to 50% Gel Diet, up to 75% of the total diet as dry Mazuri® biscuit, and plenty of fresh produce (primarily vegetables).
- Mixing directions:
 1. Mix, by weight, 70% boiling (>180°F) water to 30% Mazuri® Primate L/S Gel Diet.
 2. Mix thoroughly with a spoon, fork or whisk for at least one minute, then pour into a shallow pan and allow to cool. Refrigerate until firm.
 3. Cut into pieces appropriately sized for the animals being fed.
 4. Prepared gel may be fed for one week if refrigerated and may be kept frozen for up to one month. Repeated thawing of prepared product is discouraged.

5B25

Mazuri® Primate L/S Gel

Approximate Nutrient Composition¹

NUTRIENTS

	Dry Powder
Protein, %	29
Arginine, %.....	1.9
Cystine, %.....	0.25
Histidine, %.....	0.54
Isoleucine, %.....	1.1
Leucine, %.....	2.1
Lysine, %.....	1.4
Methionine, %.....	0.45
Phenylalanine, %.....	1.2
Tyrosine, %.....	0.79
Threonine, %.....	0.98
Tryptophan, %.....	0.21
Valine, %.....	1.5
Taurine, %.....	0.23
Fat (Ether extract), %	6.8
Linoleic acid, %.....	2.8
Omega-3 Fatty Acids, %.....	1.2
Omega-6 Fatty Acids, %.....	2.9
Fiber (Crude), %	16
Neutral Detergent Fiber, %.....	30
Acid Detergent Fiber, %.....	19
Starch, %.....	4.7
Fructose (added), %.....	1.4*
Sucrose (added), %.....	3.5*
Metabolizable Energy²,	
kcal/kg.....	3,310

MINERALS Dry Powder

Ash, %	6.3
Calcium, %.....	0.91
Phosphorus, %.....	0.65
Phosphorus (non-phytate), %.....	0.49
Potassium, %.....	0.88
Magnesium, %.....	0.18
Sulfur, %.....
Sodium, %.....	0.18
Chloride, %.....	0.36
Iron, ppm.....	350
Zinc, ppm.....	36
Manganese, ppm.....	90
Copper, ppm.....	32
Iodine, ppm.....	0.25
Selenium (added), ppm.....	0.27
Chromium (added), ppm.....	2.5

VITAMINS

Thiamin, ppm.....	14
Riboflavin, ppm.....	22
Niacin, ppm.....	170
Pantothenic acid, ppm.....	128
Choline chloride, ppm.....	2,100
Folic acid, ppm.....	12
Pyridoxine, ppm.....	30
Biotin, ppm.....	0.34
Ascorbic acid, ppm.....	595
Vitamin B ₁₂ , µg/kg.....	84
Vitamin A (added), IU/kg.....	12,820
Vitamin D ₃ , IU/kg.....	3,870 [#]
Vitamin E, IU/kg.....	425
Vitamin K (as menadione), ppm.....	2.1

[#] This level of vitamin D exceeds the maximum tolerable level for some mammalian species, including rodents and dogs. Caution should be used when feeding in mixed species environments.

Storage Conditions

Mazuri® Primate L/S Gel Diet has a 1 year shelf life in the dry powder form when stored in a dry environment. For best results, store contents of open bag in container with sealing lids. Store in a cool (75°F or colder), dry (approximately 50% RH) location. The mixed product should be stored under refrigeration for no longer than 7 days. The mixed product can be frozen for 30 days. Longer storage in the freezer will not compromise nutritional integrity, but may change physical characteristics (e.g., moisture level).

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

² Calculated from NRC of Non-Human Primates (2nd ed., 2003).

* Naturally occurring sugars not included in calculation.

Mazuri® is a registered trademark of Purina Mills, LLC.