

DESCRIPTION

Callitrichid Diet is formulated to support a variety of feeding regimes for marmosets and tamarins in a laboratory setting. This diet is a complete life cycle diet that can be fed as the sole source of nutrients or supplemented with fruits, vegetables and/or other dietary enrichment. It contains vitamin D₃ and stabilized vitamin C needed to support captive primates. Provided in powder form, the diet must be mixed with near-boiling water to create a highly palatable, readily consumed gel. The selection of highest quality ingredients assures minimal inherent biological variation in long-term studies.

Features and Benefits

- Available as a convenient powder to form a palatable, soft and moist product when mixed with near-boiling water
- Complete life cycle diet meets NRC Non-Human Primate recommendations for minerals and vitamins
- Contains natural, highly available form of vitamin E
- Inclusion of stabilized form of vitamin C allows for long-term storage

Product Forms Available

- Powder
- Powder, Irradiated, 2 kg Heat Sealed
- Powder, Irradiated

Catalog

0048761
1816139
1816245

GUARANTEED ANALYSIS

Crude protein not less than	20.00%
Crude fat not less than	7.00%
Crude fiber not more than	4.00%
Ash not more than	7.0%
Moisture not more than	12.0%

INGREDIENTS

Glucose, dehulled soybean meal, ground corn, casein, wheat middlings, gelatin, ground wheat, soybean oil, dried egg product, fructose, wheat germ, corn gluten meal, dried whey, calcium carbonate, dried beet pulp, corn oil, brewers dried yeast, dehydrated alfalfa meal, wheat bran, citric acid (a preservative), dicalcium phosphate, berry flavor, flaxseed oil, sodium hexametaphosphate, xanthan gum, potassium carbonate, salt, dl-methionine, magnesium oxide, l-ascorbyl-2-polyphosphate (vitamin C), choline bitartrate, natural orange oil, pyridoxine hydrochloride, taurine, preserved with mixed tocopherols (form of vitamin E), ascorbic acid, rosemary extract, l-tryptophan, zinc proteinate, folic acid, manganese proteinate, choline chloride, vitamin A acetate, manganese oxide, copper proteinate, d-alpha tocopheryl acetate (source vitamin E), zinc oxide, menadione sodium bisulfite complex (source of vitamin K), ferrous carbonate, niacin, calcium pantothenate, iron proteinate, copper sulfate, riboflavin supplement, thiamin mononitrate, zinc sulfate, cobalt proteinate, calcium iodate, ethylenediamine dihydriodide, sodium selenite, cobalt carbonate, biotin, cholecalciferol (form of vitamin D₃), vitamin B12 supplement.

FEEDING DIRECTIONS

Feed intake will vary based on age, body size and reproductive status. A targeted level would be 2.5%-3.0% powder per Kg of animal body weight per day is recommended. Never feed dry powder without combining with water; see mixing directions below. Callitrichid Diet can be fed in combination with fruit, vegetables, browse or other food items. Callitrichid Diet has a 9 month shelf life in the dry powder form when stored in a cool (<72° F), dry (<50% RH) environment. The prepared gel diet may be stored in a sealed container for 1 week in a refrigerator or 1 month in a freezer.

Mixing Directions

1. Mix, by weight, 60% water to 40% Callitrichid Diet. Mix thoroughly with a spoon, fork or whisk for one minute.
2. Pour into a shallow pan and allow to cool. Refrigerate until firm. This should have the consistency of a firm cheesecake.
3. Cut into pieces appropriately sized for the animals being fed.
4. To obtain a drier, firmer mix, combine at a rate of 50% water to 50% Callitrichid Diet.

Additional information can be found at www.testdiet.com.

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CHEMICAL COMPOSITION¹

Nutrients ²	Dry			Dry	
	Powder	Reconstituted ⁶		Powder	Reconstituted ⁶
Protein, %	21.3	8.5	Chloride, %	0.32	0.13
Arginine, %	1.22	0.49	Fluorine, ppm	1.9	0.70
Cystine, %	0.19	0.07	Iron, ppm	160	62
Glycine, %	1.64	0.65	Zinc, ppm	150	60
Histidine, %	0.48	0.19	Manganese, ppm	120	49
Isoleucine, %	1.04	0.41	Copper, ppm	25	10
Leucine, %	1.74	0.70	Cobalt, ppm	0.63	0.25
Lysine, %	1.30	0.52	Iodine, ppm	2.20	0.87
Methionine, %	0.57	0.23	Chromium (added), ppm	0.00	0.00
Phenylalanine, %	0.94	0.37	Selenium, ppm	0.35	0.14
Tyrosine, %	0.72	0.29			
Threonine, %	0.82	0.33	Vitamins		
Tryptophan, %	0.25	0.10	Carotene, ppm	0.9	0.3
Valine, %	1.24	0.50	Vitamin K, ppm	2.7	1.1
Serine, %	1.04	0.42	Thiamin, ppm	17	7.0
Aspartic Acid, %	1.51	0.60	Riboflavin, ppm	16	6.2
Glutamic Acid, %	3.54	1.42	Niacin, ppm	91	36
Alanine, %	0.82	0.33	Pantothenic Acid, ppm	57	23
Proline, %	1.36	0.54	Choline, ppm	690	280
Taurine, %	0.07	0.03	Folic Acid, ppm	28	11
Fat (ether extract), %	7.8	3.1	Pyridoxine, ppm	16	6.2
Fat (acid hydrolysis), %	7.7	3.1	Biotin, ppm	0.40	0.20
Cholesterol, ppm	547	219	B ₁₂ , mcg/kg	77	31
Linoleic Acid, %	2.61	1.05	Vitamin A, IU/gm	18	7.0
Linolenic Acid, %	0.49	0.20	Vitamin D ₃ (added), IU/gm	7.0	2.8
Arachidonic Acid, %	0.02	0.01	Vitamin E, IU/kg	175	70
Omega-3 Fatty Acids, %	0.50	0.20	Ascorbic Acid, mg/gm	0.68	0.27
Total Saturated					
Fatty Acids, %	1.92	0.77	Calories provided by:		
Total Monounsaturated			Protein, %	22.832	
Fatty Acids, %	2.42	0.97	Fat (ether extract), %	18.851	
Polyunsaturated			Carbohydrates, %	58.317	
Fatty Acids, %	3.14	1.25			
Fiber (Crude), %	1.9	0.7	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.		
Neutral Detergent			2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.		
Fiber ³ , %	6.0	2.4	3. NDF = approximately cellulose, hemi-cellulose and lignin.		
Acid Detergent Fiber ⁴ , %	2.2	0.9	4. ADF = approximately cellulose and lignin.		
Nitrogen-Free Extract			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.		
(by difference), %	54.4	21.8	6. Reconstitution level is 60% water to 40% product.		
Starch, %	12.0	4.8	NOTE: When assayed, actual levels may vary from calculated values.		
Glucose, %	32.0	12.8			
Fructose, %	0.08	0.03			
Sucrose, %	0.44	0.17			
Lactose, %	1.35	0.54			
Total Digestible					
Nutrients, %	45.0	18.0			
Gross Energy,					
kcal/gm	4.52	1.81			
Physiological Fuel					
Value ⁵ , kcal/gm	3.73	1.49			
Metabolizable					
Energy, kcal/gm	3.14	1.26			
Minerals					
Ash, %	4.6	1.8			
Calcium, %	1.14	0.45			
Phosphorus, %	0.60	0.24			
Phosphorus (non-phytate), %	0.49	0.20			
Potassium, %	0.58	0.23			
Magnesium, %	0.15	0.06			
Sulfur, %	0.15	0.06			
Sodium, %	0.29	0.12			