

Marmoset Jelly

Powder (for Jelly)

SUITABLE SPECIES AND APPLICATIONS

As a supplementary feed for all of the smaller New World Primates. Marmoset Jelly may also be fed to any non-human primates in times of illness or stress.

BENEFITS

- Its high nutrient density and high level of acceptability makes it of particular use where inappetance is a problem.

FEEDING GUIDE

Dissolve the flavoured jelly in hot water and cool in a refrigerator until set. The gel strength may be varied to suit application by using mixing ratios between 1 part powder : 3 parts water and 2 parts powder : 1 part water.

To make a bulkier gel ground primate diet can be added, at an equal weight to the prepared gel.

Food intake will vary, but as a rough guide 30g per day of the prepared gel should be fed. If primate diet is added to the gel, 25g per day of prepared food should be fed.

The prepared jelly will keep in a refrigerator for a few days, but in the relatively high temperatures of the marmoset room it may liquify. For this reason the jelly should be offered in amounts likely to be consumed in a short period of time.

As Marmoset Jelly is very palatable, there is the risk of over-consumption which, as gelatin is slightly purgative, could give rise to diarrhoea. It should never become the sole source of food.

Small amounts of fruit and other foods, preferably Mini Marex or Trio Munch, should be fed.

AVAILABLE AS

Diet	Form	Product Code
Standard		
MJL	Banana flavoured powder	828518

INGREDIENTS

Skimmed-Milk Powder, Soya Protein Concentrate, Porcine Gelatin, Sucrose, Corn Oil, Dried Whole Egg, Glucose, Vitamins, Casein, Soya Oil, Macro Minerals, Cellulose Powder, Whey Powder, Amino Acids, Micro Minerals.



Calculated Analysis

NUTRIENTS		Total	Supp (9)
Proximate Analysis			
Moisture	%	5.59	
Crude Oil	%	14.67	
Crude Protein	%	35.26	
Crude Fibre	%	2.00	
Ash	%	5.57	
Nitrogen Free Extract	%	33.22	
Digestibility Co-Efficients (7)			
Digestible Crude Oil	%	13.38	
Digestible Crude Protein	%	32.26	
Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)			
Total Dietary Fibre	%	3.27	
Pectin	%	0.23	
Hemicellulose	%	0.57	
Cellulose	%	2.45	
Lignin	%	0.08	
Starch	%	0.83	
Sugar	%	31.09	
Energy (5)			
Gross Energy	MJ/kg	18.80	
Digestible Energy (15)	MJ/kg	17.53	
Metabolisable Energy (15)	MJ/kg	16.05	
Atwater Fuel Energy (AFE) (8)	MJ/kg	16.97	
AFE from Oil	%	32.53	
AFE from Protein	%	34.74	
AFE from Carbohydrate	%	32.73	
Fatty Acids			
Saturated Fatty Acids			
C12:0 Lauric	%	0.08	
C14:0 Myristic	%	0.12	
C16:0 Palmitic	%	1.89	
C18:0 Stearic	%	0.48	
Monounsaturated Fatty Acids			
C14:1 Myristoleic	%	0.07	
C16:1 Palmitoleic	%	0.06	
C18:1 Oleic	%	4.10	
Polyunsaturated Fatty Acids			
C18:2(ω6) Linoleic	%	5.01	
C18:3(ω3) Linolenic	%	0.24	
C20:4(ω6) Arachidonic	%	0.01	
C22:5(ω3) Clupanodonic	%	0.18	
Amino Acids			
Arginine	%	2.31	
Lysine (6)	%	2.23	0.16
Methionine	%	0.72	0.10
Cystine	%	0.39	
Tryptophan	%	0.35	
Histidine	%	0.69	
Threonine	%	1.26	
Isoleucine	%	1.53	
Leucine	%	2.42	
Phenylalanine	%	1.54	
Valine	%	1.76	
Tyrosine	%	1.11	
Taurine	%		
Glycine	%	4.12	
Aspartic Acid	%	2.28	

NUTRIENTS		Total	Supp (9)
Glutamic Acid	%	5.15	
Proline	%	3.15	
Serine	%	1.61	
Hydroxyproline	%	1.51	
Hydroxylysine	%	0.10	
Alanine	%	1.23	
Macro Minerals			
Calcium	%	0.90	0.50
Total Phosphorus	%	0.60	0.19
Phytate Phosphorus	%	0.06	
Available Phosphorus	%	0.54	0.19
Sodium	%	0.37	0.04
Chloride	%	0.40	0.09
Potassium	%	0.94	0.13
Magnesium	%	0.11	0.02
Micro Minerals			
Iron	mg/kg	63.05	26.40
Copper	mg/kg	8.88	3.00
Manganese	mg/kg	62.40	56.30
Zinc	mg/kg	45.10	5.60
Cobalt	µg/kg	2134.40	2100.00
Iodine	µg/kg	6483.00	6200.00
Selenium	µg/kg	15.01	
Fluorine	mg/kg	2.33	
Vitamins			
β-Carotene (2)	mg/kg	0.06	
Retinol (2)	µg/kg	15113.10	15000.00
Vitamin A (2)	iu/kg	50373.24	50000.00
Cholecalciferol (3)	µg/kg	757.66	750.00
Vitamin D (3)	iu/kg	30306.20	30000.00
α-Tocopherol (4)	mg/kg	189.01	181.82
Vitamin E (4)	iu/kg	207.91	200.00
Vitamin B ₁ (Thiamine)	mg/kg	20.86	19.60
Vitamin B ₂ (Riboflavin)	mg/kg	31.09	19.60
Vitamin B ₆ (Pyridoxine)	mg/kg	21.19	19.60
Vitamin B ₁₂ (Cyanocobalamin)	µg/kg	52.93	50.00
Vitamin C (Ascorbic Acid) (16)	mg/kg	10010.00	10010.00
Vitamin K (Menadione)	mg/kg	24.03	24.00
Folic Acid (Vitamin B ₉)	mg/kg	10.19	9.80
Nicotinic Acid (Vitamin PP) (6)	mg/kg	51.92	49.00
Pantothenic Acid (Vitamin B _{3/5})	mg/kg	66.17	53.82
Choline (Vitamin B _{4/7})	mg/kg	2399.90	1874.89
Inositol	mg/kg	760.00	98.00
Biotin (Vitamin H) (6)	µg/kg	342.50	200.00

Notes

- a. Vitamin A includes Retinol and the Retinol equivalents of β-carotene
- Retinol includes the Retinol equivalents of β-Carotene.
- 0.48 µg Retinol = 1 µg β-carotene = 1.6 iu Vitamin A activity
- 1 µg Retinol = 3.33* iu Vitamin A activity
- 1 iu Vitamin A = 0.3 µg Retinol = 0.6 µg β-carotene
- The standard analysis for Vitamin A does not detect β-carotene
- 1 µg Cholecalciferol (D₃) = 40.0 iu Vitamin D
- 1 mg all-*rac*-α-tocopherol = 1.1 iu Vitamin E activity
1 mg all-*rac*-α-tocopherol acetate = 1.0 iu Vitamin E activity
- 1 MJ = 239.23 Kcalories = 239.23 Calories = 239,230 calories
- These nutrients coming from natural raw materials such as cereals may have low availabilities due to the interactions with other compounds.
- Based on in-vitro digestibility analysis.
- AF Energy = Atwater Fuel Energy = ((CO%/100)*9000)+((CP%/100)*4000)+((NFE%/100)*4000)/239.23
- Supplemented nutrients from manufactured and mined sources.
- Calculated.
- Supplemented Vit. C as Ascorbyl Polyphosphate.