

## Mini Marex

*Expanded*

### SUITABLE SPECIES AND APPLICATIONS

The breeding and maintenance of all of the small New World Primates.

### BENEFITS

- Marmoset diet has all the advantages of Mazuri Primate Diet but in a small size more suited to these smaller species.
- Fortified with 400mg/kg of Ascorbyl Polyphosphate, a stable and readily available form of Vitamin C.
- Adequate Vitamin D<sub>3</sub> levels for all New World species.

### FEEDING GUIDE

To appetite. Although this is a complete diet, it can be supplemented with fresh fruit to add variation and avoid boredom.

### AVAILABLE AS

Diet	Form	Product Code
<i>Standard</i>		
Marex (E)	<i>Expanded</i>	808016

- All Standard diets are available with full analysis on request.

### INGREDIENTS

Wheatfeed, Wheat, Poultry Meat Meal, Maize, De-hulled Extracted Toasted Soya, Macro Minerals, Soya Oil, Yeast, Whey Powder, Vitamins, Micro Minerals, Amino Acids.



## Calculated Analysis

NUTRIENTS		Total	Supp (9)
<b>Proximate Analysis</b>			
Moisture (1)	%	10.00	
Crude Oil	%	7.12	
Crude Protein	%	24.31	
Crude Fibre	%	3.75	
Ash	%	10.26	
Nitrogen Free Extract	%	43.96	
<b>Digestibility Co-Efficients (7)</b>			
Digestible Crude Oil	%	6.47	
Digestible Crude Protein	%	21.70	
<b>Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)</b>			
Total Dietary Fibre	%	13.81	
Pectin	%	1.24	
Hemicellulose	%	8.61	
Cellulose	%	3.19	
Lignin	%	1.39	
Starch	%	29.16	
Sugar	%	4.27	
<b>Energy (5)</b>			
Gross Energy	MJ/kg	15.60	
Digestible Energy (15)	MJ/kg	12.96	
Metabolisable Energy (15)	MJ/kg	11.85	
Atwater Fuel Energy (AFE) (8)	MJ/kg	14.09	
AFE from Oil	%	19.01	
AFE from Protein	%	28.84	
AFE from Carbohydrate	%	52.15	
<b>Fatty Acids</b>			
<b>Saturated Fatty Acids</b>			
C12:0 Lauric	%	0.15	
C14:0 Myristic	%	0.28	
C16:0 Palmitic	%	0.99	
C18:0 Stearic	%	0.20	
<b>Monounsaturated Fatty Acids</b>			
C14:1 Myristoleic	%	0.01	
C16:1 Palmitleic	%	0.11	
C18:1 Oleic	%	2.10	
<b>Polyunsaturated Fatty Acids</b>			
C18:2(ω6) Linoleic	%	1.94	
C18:3(ω3) Linolenic	%	0.26	
C20:4(ω6) Arachidonic	%	0.12	
C22:5(ω3) Clupanodonic	%		
<b>Amino Acids</b>			
Arginine	%	1.63	
Lysine (6)	%	1.35	0.05
Methionine	%	0.42	0.03
Cystine	%	0.32	
Tryptophan	%	0.26	
Histidine	%	0.70	
Threonine	%	0.90	
Isoleucine	%	0.95	
Leucine	%	1.77	
Phenylalanine	%	1.03	
Valine	%	1.14	
Tyrosine	%	0.77	
Taurine	%		
Glycine	%	2.19	
Aspartic Acid	%	1.54	

NUTRIENTS		Total	Supp (9)
Glutamic Acid	%	3.92	
Proline	%	1.63	
Serine	%	0.55	
Hydroxyproline	%	0.26	
Hydroxylysine	%	0.09	
Alanine	%	1.16	
<b>Macro Minerals</b>			
Calcium	%	2.65	1.51
Total Phosphorus	%	1.07	0.17
Phytate Phosphorus	%	0.21	
Available Phosphorus	%	0.86	0.17
Sodium	%	0.30	0.16
Chloride	%	0.29	0.13
Potassium	%	0.69	
Magnesium	%	0.25	0.03
<b>Micro Minerals</b>			
Iron	mg/kg	367.29	247.50
Copper	mg/kg	16.62	5.00
Manganese	mg/kg	80.87	37.20
Zinc	mg/kg	74.18	18.00
Cobalt	µg/kg	1742.69	1680.00
Iodine	µg/kg	2623.98	2480.00
Selenium	µg/kg	224.74	
Fluorine	mg/kg	9.35	
<b>Vitamins</b>			
β-Carotene (2)	mg/kg	0.80	
Retinol (2)	µg/kg	7562.34	7125.00
Vitamin A (2)	iu/kg	25196.14	23750.00
Cholecalciferol (3)	µg/kg	250.95	250.00
Vitamin D (3)	iu/kg	10038.03	10000.00
α-Tocopherol (4)	mg/kg	87.38	68.18
Vitamin E (4)	iu/kg	96.10	75.00
Vitamin B <sub>1</sub> (Thiamine)	mg/kg	21.06	14.70
Vitamin B <sub>2</sub> (Riboflavin)	mg/kg	13.25	10.78
Vitamin B <sub>6</sub> (Pyridoxine)	mg/kg	10.50	7.35
Vitamin B <sub>12</sub> (Cyanocobalamine)	µg/kg	23.39	22.50
Vitamin C (Ascorbic Acid) (16)	mg/kg	402.54	400.00
Vitamin K (Menadione)	mg/kg	4.15	3.84
Folic Acid (Vitamin B <sub>9</sub> )	mg/kg	6.83	5.39
Nicotinic Acid (Vitamin PP) (6)	mg/kg	80.13	22.05
Pantothenic Acid (Vitamin B <sub>3/5</sub> )	mg/kg	32.81	17.80
Choline (Vitamin B <sub>4/7</sub> )	mg/kg	1496.64	498.20
Inositol	mg/kg	1544.04	
Biotin (Vitamin H) (6)	µg/kg	429.91	80.00

### Notes

- All values are calculated using a moisture basis of 10%. Typical moisture levels will range between 9.5 - 11.5%.
- a. Vitamin A includes Retinol and the Retinol equivalents of β-carotene  
b. Retinol includes the Retinol equivalents of β-Carotene.  
c. 0.48 µg Retinol = 1 µg β-carotene = 1.6 iu Vitamin A activity  
d. 1 µg Retinol = 3.33\* iu Vitamin A activity  
e. 1 iu Vitamin A = 0.3 µg Retinol = 0.6 µg β-carotene  
f. The standard analysis for Vitamin A does not detect β-carotene
- 1 µg Cholecalciferol (D<sub>3</sub>) = 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.