

## Guinea Pig

*Pelleted*

### SUITABLE SPECIES AND APPLICATIONS

Guinea Pigs for breeding and maintenance.

### BENEFITS

- Fortified with 300mg per kg of Ascorbyl Polyphosphate, a stable and readily available form of Vitamin C which will not require supplementation during the full shelf-life of the diet.
- This is the original Frant Diet formula which has proved very successful, over a period of many years, for both the breeding and maintenance of guinea pigs.

### FEEDING GUIDE

Ad-lib feeding is recommended. Although supplementary hay is not necessary, it is beneficial to provide it for breeding stock.

### AVAILABLE AS

Diet	Form	Product Code
<i>Standard</i>		
<i>FDI (P)</i>	<i>3mm Pelleted</i>	<i>803172</i>
<i>SQC</i>		
<i>FDI SQC (P)</i>	<i>3mm Pelleted</i>	<i>813174</i>

- All diets are available irradiated and are available in a range of packaging.

### INGREDIENTS

Wheatfeed, Barley, Grass Meal, Linseed Expeller, Oat Hulls and Bran, Macro Minerals, De-hulled Extracted Toasted Soya, Potato Protein, Hydrolysed Wheat Gluten, Full Fat Soya, Maize Gluten Meal, Vitamins, Micro Minerals, Amino Acids.



## Calculated Analysis

NUTRIENTS		Total	Supp (9)
<b>Proximate Analysis</b>			
Moisture (1)	%	10.00	
Crude Oil	%	3.35	
Crude Protein	%	18.45	
Crude Fibre	%	10.17	
Ash	%	9.39	
Nitrogen Free Extract	%	48.33	
<b>Digestibility Co-Efficients (7)</b>			
Digestible Crude Oil	%	2.84	
Digestible Crude Protein	%	16.15	
<b>Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)</b>			
Total Dietary Fibre	%	30.04	
Pectin	%	2.91	
Hemicellulose	%	15.38	
Cellulose	%	9.68	
Lignin	%	2.98	
Starch	%	22.74	
Sugar	%	4.90	
<b>Energy (5)</b>			
Gross Energy	MJ/kg	14.56	
Digestible Energy (15)	MJ/kg	9.44	
Metabolisable Energy (15)	MJ/kg	8.52	
Atwater Fuel Energy (AFE) (8)	MJ/kg	12.43	
AFE from Oil	%	10.14	
AFE from Protein	%	24.83	
AFE from Carbohydrate	%	65.03	
<b>Fatty Acids</b>			
<b>Saturated Fatty Acids</b>			
C12:0 Lauric	%	0.03	
C14:0 Myristic	%	0.14	
C16:0 Palmitic	%	0.35	
C18:0 Stearic	%	0.08	
<b>Monounsaturated Fatty Acids</b>			
C14:1 Myristoleic	%	0.02	
C16:1 Palmitoleic	%	0.08	
C18:1 Oleic	%	0.67	
<b>Polyunsaturated Fatty Acids</b>			
C18:2(ω6) Linoleic	%	0.58	
C18:3(ω3) Linolenic	%	0.41	
C20:4(ω6) Arachidonic	%	0.11	
C22:5(ω3) Clupanodonic	%		
<b>Amino Acids</b>			
Arginine	%	1.21	
Lysine (6)	%	0.88	0.06
Methionine	%	0.33	0.02
Cystine	%	0.29	
Tryptophan	%	0.26	
Histidine	%	0.41	
Threonine	%	0.69	
Isoleucine	%	0.73	
Leucine	%	1.33	
Phenylalanine	%	0.92	
Valine	%	0.92	
Tyrosine	%	0.61	
Taurine	%		
Glycine	%	1.07	
Aspartic Acid	%	1.32	

NUTRIENTS		Total	Supp (9)
Glutamic Acid	%	3.43	
Proline	%	1.21	
Serine	%	0.79	
Hydroxyproline	%		
Hydroxylysine	%		
Alanine	%	0.20	
<b>Macro Minerals</b>			
Calcium	%	1.14	0.92
Total Phosphorus	%	0.91	0.34
Phytate Phosphorus	%	0.32	
Available Phosphorus	%	0.58	0.34
Sodium	%	0.35	0.29
Chloride	%	0.54	0.48
Potassium	%	1.31	
Magnesium	%	0.37	
<b>Micro Minerals</b>			
Iron	mg/kg	457.22	300.00
Copper	mg/kg	20.22	5.81
Manganese	mg/kg	193.38	124.00
Zinc	mg/kg	73.85	27.00
Cobalt	µg/kg	820.43	735.00
Iodine	µg/kg	950.35	775.00
Selenium	µg/kg	225.85	
Fluorine	mg/kg	17.38	
<b>Vitamins</b>			
β-Carotene (2)	mg/kg	74.96	
Retinol (2)	µg/kg	38462.69	1012.50
Vitamin A (2)	iu/kg	126963.06	3375.00
Cholecalciferol (3)	µg/kg	49.31	48.12
Vitamin D (3)	iu/kg	1972.54	1925.00
α-Tocopherol (4)	mg/kg	62.08	34.09
Vitamin E (4)	iu/kg	68.91	37.50
Vitamin B <sub>1</sub> (Thiamine)	mg/kg	9.53	3.18
Vitamin B <sub>2</sub> (Riboflavin)	mg/kg	12.14	8.08
Vitamin B <sub>6</sub> (Pyridoxine)	mg/kg	10.81	8.08
Vitamin B <sub>12</sub> (Cyanocobalamin)	µg/kg	5.37	4.25
Vitamin C (Ascorbic Acid) (16)	mg/kg	393.53	306.25
Vitamin K (Menadione)	mg/kg	85.75	38.40
Folic Acid (Vitamin B <sub>9</sub> )	mg/kg	9.46	8.08
Nicotinic Acid (Vitamin PP) (6)	mg/kg	73.94	20.33
Pantothenic Acid (Vitamin B <sub>3/5</sub> )	mg/kg	28.38	12.00
Choline (Vitamin B <sub>4/7</sub> )	mg/kg	1628.65	601.60
Inositol	mg/kg	1452.51	
Biotin (Vitamin H) (6)	µg/kg	407.83	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.