

Cat Diet F

Expanded

SUITABLE SPECIES AND APPLICATIONS

Cats, ferrets and other carnivores.

BENEFITS

- Clean and easy to use.
- Economic in comparison to tinned meats.
- The correct calcium to phosphorus ratio, and magnesium content, for the avoidance of retention cystitis.
- Fat coating ensures high palatability.
- Contains taurine, which is an essential amino acid in cat nutrition.

FEEDING GUIDE

Diet F may be fed as the sole diet in its dry form or lightly moistened. In either state, fresh drinking water **MUST** be available at all times. It should be fed to condition, but as a rough guide, 15g of diet per kg body weight should be fed.

It may also be fed in conjunction with tinned or fresh meats.

AVAILABLE AS

Diet	Form	Product Code
<i>Standard</i>		
F (E)	<i>Expanded</i>	807000

- All diets are available irradiated and are available in a range of packaging.
- All Standard diets are available with full analysis on request.

INGREDIENTS

De-hulled Extracted Toasted Soya, Maize, Wheat, Maize Gluten Meal, Poultry Meat Meal, Soya Oil, Wheat Germ, Chicken Fat, Macro Minerals, Sugar Beet Pulp, Whey Powder, Yeast, Fish Meal, Vitamins, Amino Acids, Micro Minerals.



Calculated Analysis

NUTRIENTS		Total	Supp (9)
Proximate Analysis			
Moisture (1)	%	10.00	
Crude Oil	%	13.20	
Crude Protein	%	30.85	
Crude Fibre	%	2.77	
Ash	%	6.39	
Nitrogen Free Extract	%	36.16	
Digestibility Co-Efficients (7)			
Digestible Crude Oil	%	12.01	
Digestible Crude Protein	%	28.31	
Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)			
Total Dietary Fibre	%	8.39	
Pectin	%	1.40	
Hemicellulose	%	4.43	
Cellulose	%	2.56	
Lignin	%	0.45	
Starch	%	24.10	
Sugar	%	5.04	
Energy (5)			
Gross Energy	MJ/kg	18.13	
Digestible Energy	MJ/kg		
Metabolisable Energy (14)	MJ/kg	13.81	
Atwater Fuel Energy (AFE) (8)	MJ/kg	16.17	
AFE from Oil	%	30.71	
AFE from Protein	%	31.90	
AFE from Carbohydrate	%	37.39	
Fatty Acids			
Saturated Fatty Acids			
C12:0 Lauric	%	0.21	
C14:0 Myristic	%	0.32	
C16:0 Palmitic	%	2.09	
C18:0 Stearic	%	0.52	
Monounsaturated Fatty Acids			
C14:1 Myristoleic	%	0.02	
C16:1 Palmitleic	%	0.23	
C18:1 Oleic	%	4.03	
Polyunsaturated Fatty Acids			
C18:2(ω6) Linoleic	%	3.68	
C18:3(ω3) Linolenic	%	0.50	
C20:4(ω6) Arachidonic	%	0.09	
C22:5(ω3) Clupanodonic	%	0.01	
Amino Acids			
Arginine	%	1.95	
Lysine (6)	%	1.59	
Methionine	%	0.59	
Cystine	%	0.44	
Tryptophan	%	0.28	
Histidine	%	0.81	
Threonine	%	1.18	
Isoleucine	%	1.34	
Leucine	%	3.07	
Phenylalanine	%	1.50	
Valine	%	1.44	
Tyrosine	%	1.18	
Taurine	%	0.15	0.15
Glycine	%	2.67	
Aspartic Acid	%	1.97	

NUTRIENTS		Total	Supp (9)
Glutamic Acid	%	5.09	
Proline	%	1.63	
Serine	%	1.13	
Hydroxyproline	%	0.18	
Hydroxylysine	%	0.06	
Alanine	%	1.26	
Macro Minerals			
Calcium	%	1.21	0.30
Total Phosphorus	%	1.11	0.40
Phytate Phosphorus	%	0.19	
Available Phosphorus	%	0.75	0.22
Sodium	%	0.23	0.10
Chloride	%	0.35	0.21
Potassium	%	0.72	
Magnesium	%	0.16	
Micro Minerals			
Iron	mg/kg	297.59	184.79
Copper	mg/kg	15.23	4.78
Manganese	mg/kg	52.84	31.73
Zinc	mg/kg	98.67	64.58
Cobalt	µg/kg	1029.73	992.50
Iodine	µg/kg	1301.29	1025.63
Selenium	µg/kg	184.02	58.11
Fluorine	mg/kg	7.87	
Vitamins			
β-Carotene (2)	mg/kg	3.04	
Retinol (2)	µg/kg	7000.70	5670.42
Vitamin A (2)	iu/kg	23685.38	18901.39
Cholecalciferol (3)	µg/kg	53.73	47.25
Vitamin D (3)	iu/kg	2149.05	1890.00
α-Tocopherol (4)	mg/kg	108.76	85.98
Vitamin E (4)	iu/kg	119.92	94.58
Vitamin B ₁ (Thiamine)	mg/kg	23.30	18.56
Vitamin B ₂ (Riboflavin)	mg/kg	15.72	12.97
Vitamin B ₆ (Pyridoxine)	mg/kg	21.27	18.53
Vitamin B ₁₂ (Cyanocobalamin)	µg/kg	49.52	47.25
Vitamin C (Ascorbic Acid)	mg/kg	0.77	
Vitamin K (Menadione)	mg/kg	9.10	9.07
Folic Acid (Vitamin B ₉)	mg/kg	4.24	1.86
Nicotinic Acid (Vitamin PP) (6)	mg/kg	131.60	92.86
Pantothenic Acid (Vitamin B _{3/5})	mg/kg	27.89	16.88
Choline (Vitamin B _{4/7})	mg/kg	3047.87	1898.12
Inositol	mg/kg	1412.45	2.81
Biotin (Vitamin H) (6)	µg/kg	325.33	95.91

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 (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.
- ME Cats (CME₂ NRC 86 & KENDALL 85) + (((5.65-1.25)*0.783*CP%)+(9.4*0.853*CO%)+(4.14*0.788*NFE%))*10/239.23.