



Specialty Feeds

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DIET

Meat Free KANGAROO CUBES

A reformulated balanced diet designed for large foregut fermenting marsupials.

- ÿ Detailed nutritional requirements of marsupials is not well characterized. This diet was designed using the best information we could obtain from the literature and our experience in feeding trials.
- ÿ This diet is designed as a supplementary feed to grazing / browsing large marsupials. The cubes must be fed along with a good quality roughage such as hay or grazing.
- ÿ Diet ingredients are carefully selected to minimize the risk of soft palate damage.
- ÿ Feedback from animal carers have indicated that the diet is palatable to a range of Kangaroo species.
- ÿ The diet is manufactured as an 8 mm diameter cube 10 - 20 mm long.
- ÿ Packaging is in 20 Kg woven polyethylene bags.

Calculated Nutritional parameters

Protein	17 %
Total Fat	3.8 %
Crude Fibre	12 %
Neutral Detergent Fibre	29 %
Acid Detergent Fibre	15 %
Metabolizable Energy	11 MJ / Kg
Calcium	1.0 %
Phosphorous	0.8 %

Ingredients

A least cost formula ration from the following list of ingredients:

Wheat, Barley, Lupins, Soya meal, Canola meal, Lucerne, Vegetable oil, Molasses, Skim milk, Calcium carbonate, Magnesium oxide, Salt, Sodium bicarbonate, Dicalcium phosphate, sulphur and a vitamin / trace mineral premix.

Added Trace Minerals

Magnesium	65 mg / Kg
Iron	100 mg / Kg
Copper	30 mg / Kg
Iodine	2.4 mg / Kg
Manganese	120 mg / Kg
Cobalt	2.5 mg / Kg
Zinc	100 mg / Kg
Selenium	0.2 mg / Kg

Calculated Amino Acids

Valine	0.8 %
Leucine	1.2 %
Isoleucine	0.7 %
Threonine	0.6 %
Methionine	0.2 %
Cystine	0.3 %
Lysine	0.8 %
Phenylalanine	0.7 %
Tyrosine	0.5 %
Tryptophan	0.2 %

FEEDING RECOMMENDATIONS

Feed as a supplementary feed with good quality roughage.

DIET FORM

Manufactured as a 8 mm diameter pellet and packed in 20 Kg bags.

Added Vitamins

Vitamin A (Retinol)	16,000 IU / Kg
Vitamin D3 (Cholecalciferol)	3,200 IU/Kg
Vitamin E (αTocopherol acetate)	21 mg / Kg
Vitamin B1 (Thiamine)	0.25 mg / Kg

Calculated Total Vitamins

Vitamin A (Retinol)	43,000 IU / Kg
Vitamin D3 (Cholecalciferol)	> 3,200 IU / Kg
Vitamin E (Tocopherol)	52 mg / Kg
Vitamin K (Menadione)	1.5 mg / Kg
Vitamin C (Ascorbic acid)	no data
Vitamin B1 (Thiamin)	6 mg / Kg
Vitamin B2 (Riboflavin)	3 mg / Kg
Niacin (Nicotinic acid)	57 mg / Kg
Vitamin B6 (Pyridoxine)	4 mg / Kg
Pantothenic acid	15 mg / Kg
Biotin	96 ug / Kg
Folic acid	1 mg / Kg
Inositol	no data
Vitamin B12 (Cyanocobalamin)	no data
Choline	1900 mg / Kg

Calculated Fat Composition

Palmitic Acid 16:0	0.4 %
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Calculated Total Minerals	
Calcium	1.0 %
Phosphorous	0.8 %
Magnesium	0.4 %
Sodium	0.4 %
Potassium	1.1 %
Sulphur	0.2 %
Iron	420 mg / Kg
Copper	42 mg / Kg
Iodine	2.4 mg / Kg
Manganese	185 mg / Kg
Cobalt	200 mg / Kg
Zinc	150 mg / Kg
Selenium	0.5 mg / Kg
Cadmium	0.02 mg / Kg
Chromium	no data

Stearic Acid 18:0	0.1 %
Palmitoleic Acid 16:1 n7	trace
Oleic Acid 18:1	1.1 %
Gadoleic Acid 20:1 n9	trace
Linoleic Acid 18:2 n6	1.4 %
a Linolenic Acid 18:3 n3	0.3 %
Arachadonic Acid 20:4 n6	trace
EPA 20:5 n3	trace
DHA 22:6 n3	no data
Total Carotenoid	no data
Total Phospholipid	no data
Cholesterol	no data

Calculated data uses information from typical raw material composition. It could be expected that individual batches of diet will vary from this figure.

We are happy to provide full calculated nutritional information for all of our products, however we would like to emphasize that these diets have been specifically designed for manufacture by
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This Feedstuff does not contain restricted animal material