



Specialty Feeds

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DIET

QUOKKA CUBES

A diet designed for Quokka (*Setonix brachyurus*).

- Ÿ Quokka are a small foregut fermenting marsupial native to Western Australia. The most prominent population is on Rottenest Island.
- Ÿ This diet was designed around the work of Dr. Byron KAKULUS. This work was published as a book Man Marsupials and Muscle, ISBN 0 85564 172 X in 1982.
- Ÿ This diet design has been fed to breeding colonies, zoo colonies and experimental animal colonies for around fifteen years.
- Ÿ The vitamin A and vitamin E inclusion in this diet appears to be exceptionally high. I have some doubt that this inclusion rate is necessary, however considering the time that the diet has been in successful use, I am very reluctant to modify this formulation.
- Ÿ The diet is manufactured as an 12 mm diameter cube 15 - 25 mm long.
- Ÿ Packaging is in 20 Kg woven polyethylene bags.

Calculated Nutritional parameters	
Protein	14.5 %
Total Fat	2.2 %
Crude Fibre	11.5 %
Neutral Detergent Fibre	20 %
Acid Detergent Fibre	14 %
Metabolisable Energy	10 MJ / Kg
Calcium	0.9 %
Phosphorous	0.6 %

Ingredients
A fixed formula ration using the following ingredients. Wheat, Lupins, Millmix (Bran and pollard), Skim milk, Lucerne, Dicalcium phosphate, Calcium carbonate, salt, and a Vitamin and Mineral premix. Diet contains the antioxidant BHT at 150 mg / Kg.

Added Trace Minerals	
Magnesium	0.09 %
Sodium	0.1 %
Potassium	0.15 %
Iron	38 mg / Kg
Sulphur	0.27 %
Copper	10 mg / Kg
Iodine	13 mg / Kg
Cobalt	1.7 mg / Kg
Zinc	97 mg / Kg
Selenium	0.1 mg / Kg

FEEDING RECOMMENDATIONS
Can be fed as a complete diet for Quokka or fed as a supplementary diet with free choice good quality browse.

DIET FORM
Manufactured as a 12 mm diameter pellet and packed in 20 Kg bags.

Added Vitamins	
Vitamin A (Retinol)	35,000 IU / Kg
Vitamin D3 (Cholecalciferol)	4,500 IU/Kg
Vitamin E (αTocopherol acetate)	1,600 mg / Kg
Vitamin B2 (Riboflavin)	22 mg / Kg
Calcium Pantothenate	11 mg / Kg

Calculated Amino Acids	
Valine	0.7 %
Leucine	1.0 %
Isoleucine	0.5 %
Threonine	0.5 %
Methionine	0.2 %
Cystine	0.3 %
Lysine	0.7 %
Phenylalanine	0.7 %
Tyrosine	0.4 %
Tryptophan	0.2 %

Calculated Total Minerals	
Calcium	0.9 %
Phosphorous	0.6 %
Magnesium	0.4 %
Sodium	0.7 %
Potassium	1.4 %
Sulphur	0.4 %
Iron	425 mg / Kg
Copper	22 mg / Kg
Iodine	13 mg / Kg
Manganese	67 mg / Kg
Cobalt	242 mg / Kg
Zinc	145 mg / Kg
Molybdenum	no data
Selenium	0.3 mg / Kg
Cadmium	no data
Chromium	no data

Calculated Total Vitamins	
Vitamin A (Retinol)	86,000 IU / Kg
Vitamin D3 (Cholecalciferol)	> 4,500 IU / Kg
Vitamin E (Tocopherol)	1,660 mg / Kg
Vitamin K (Menadione)	3 mg / Kg
Vitamin C (Ascorbic acid)	no data
Vitamin B1 (Thiamine)	6 mg / Kg
Vitamin B2 (Riboflavin)	28 mg / Kg
Niacin (Nicotinic acid)	59 mg / Kg
Vitamin B6 (Pyridoxine)	5 mg / Kg
Pantothenic acid	31 mg / Kg
Biotin	47 ug / Kg
Folic acid	1 mg / Kg
Inositol	no data
Vitamin B12 (Cyanocobalamin)	no data
Choline	1100 mg / Kg

Calculated Fat Composition	
Myristic Acid 14:0	trace
Palmitic Acid 16:0	0.3 %
Stearic Acid 18:0	trace
Palmitoleic Acid 16:1	trace
Oleic Acid 18:1	0.3 %
Gadoleic Acid 20:1	no data
Linoleic Acid 18:2 n6	1.0 %
a Linolenic Acid 18:3 n3	0.1 %
Arachadonic Acid 20:4 n6	no data
EPA 20:5 n3	no data
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 Specialty Feeds

This Feedstuff does not contain restricted animal material