



Specialty Feeds

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Diet SF00-242

Meat Free Rat and Mouse Plus 240 000 IU/Kg Vitamin A

Standard meat free rat and mouse diet plus an additional 240,000 IU / Kg of Vitamin A as Retinol acetate.

- For further information see Standard rat and mouse diet.

Calculated Nutritional Parameters

Protein	19.60%
Total Fat	4.60%
Crude Fibre	4.80%
AD Fibre	4.80%
Digestible Energy	1.3 MJ / Kg
Calcium	0.80%
Phosphorous	0.70%

Diet Form and Features

- Cereal grain base diet. 12 mm diameter pellets.
- Pack size 5 Kg , vacuum packed in oxygen impermeable plastic bags, under nitrogen. Bags are packed into cardboard cartons to protect them during transit. Smaller pack quantity on request.
- Diet suitable for irradiation and for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

Ingredients

A fixed formula ration using the following ingredients.

Wheat, Barley, Lupins, Soya meal, Fish meal, Mixed vegetable oils, Canola oil, Salt, Calcium Carbonate, Dicalcium phosphate, Magnesium oxide Salt, and a Vitamin and mineral premix.

Feeding Recommendations

Feed ad-lib to animals of all ages.

Added Trace Minerals

Magnesium	70 mg/Kg
Iron	47 mg/Kg
Copper	11 mg/Kg
Iodine	0.3 mg/Kg
Manganese	47 mg/Kg
Zinc	50 mg/Kg
Molybdenum	0.3 mg/Kg
Selenium	0.1 mg/Kg



Added Vitamins	
Vitamin A (Retinol)	246 700 IU/Kg
Vitamin D (Cholecalciferol)	1 300 IU/Kg
Vitamin K (Menadione)	13 mg/Kg
Vitamin E (a Tocopherol acetate)	67 mg/Kg
Vitamin B1 (Thiamine)	53 mg/Kg
Vitamin B2 (Riboflavin)	20 mg/Kg
Niacin (Nicotinic acid)	67 mg/Kg
Vitamin B6 (Pyridoxine)	17 mg/Kg
Calcium Pantothenate	33 mg/Kg
Biotin	200 ug/Kg
Folic Acid	3 mg/Kg
Vitamin B12 (Cyanocobalamin)	100 ug/Kg

Calculated Amino Acids	
Valine	0.90%
Leucine	1.40%
Isoleucine	0.80%
Threonine	0.70%
Methionine	0.30%
Cystine	0.30%
Lysine	1.00%
Phenylalanine	0.90%
Tyrosine	0.50%
Tryptophan	0.20%
Histidine	0.52%

Calculated Total Minerals	
Calcium	0.80%
Phosphorous	0.70%
Magnesium	0.20%
Sodium	0.20%
Potassium	0.80%
Sulphur	0.20%
Iron	188 mg/Kg
Copper	20 mg/Kg
Iodine	0.3 mg/Kg
Manganese	91 mg/Kg
Cobalt	0.6 mg/Kg
Zinc	74 mg/Kg
Molybdenum	1.0 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	0.04 mg/Kg
Chromium	No data
Boron	2.4 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	247 600 IU/Kg
Vitamin D (Cholecalciferol)	> 1 300 IU/Kg
Vitamin E (a Tocopherol acetate)	79 mg/Kg
Vitamin K (Menadione)	13 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	57 mg/Kg
Vitamin B2 (Riboflavin)	21 mg/Kg
Niacin (Nicotinic acid)	112 mg/Kg
Vitamin B6 (Pyridoxine)	20 mg/Kg
Pantothenic Acid	43 mg/Kg
Biotin	314 ug/Kg
Folic Acid	3.8 mg/Kg
Inositol	No data
Vitamin B12 (Cyanocobalamin)	100 ug/Kg
Choline	1 600 mg/Kg



Calculated Fatty Acid Composition	
Myristic Acid 14:0	0.03%
Palmitic Acid 16:0	0.50%
Stearic Acid 18:0	0.14%
Palmitoleic Acid 16:1	0.01%
Oleic Acid 18:1	1.90%
Gadoleic Acid 20:1	0.03%
Linoleic Acid 18:2 n6	1.30%
a Linolenic Acid 18:3 n3	0.30%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.02%
DHA 22:6 n3	0.05%
Total n3	0.37%
Total n6	1.30%
Total Mono Unsaturated Fats	1.95%
Total Polyunsaturated Fats	1.69%
Total Saturated Fats	0.72%

Calculated data uses information from typical raw material composition. It could be expected that individual batches of diet will vary from this figure. **Diet post treatment by irradiation or auto clave could change these parameters.**

We are happy to provide full calculated nutritional information for all of our products, however we would like to emphasise that these diets have been specifically designed for manufacture by Specialty Feeds.

