



# Specialty Feeds

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## DIET

**SF01-003**

**1.6% SODIUM RAT AND MOUSE**

A controlled sodium cereal diet.

- ÿ This diet has been designed as part of a series of diets with increasing sodium and chloride content. The basal diet is SF01-001 with added sodium chloride. The only correction made was in addition of premix to maintain added vitamins and trace minerals. Hence as the salt content increases there are small changes in some nutritional parameters.
- ÿ All other nutritional parameters of this diet meet or exceed the NRC guidelines for Rats and Mice.
- ÿ This diet is free of mammalian and fish meal. All ingredients are of vegetable origin.
- ÿ For other information refer to Standard Rat and Mouse Cubes data sheet.
- ÿ The feed is manufactured in a cylindrical form with a diameter of around 12 mm, length is variable from 10 mm to 30 mm.
- ÿ The diet is packed in 5 Kg low gas permeability bags. Vacuum sealed after filling with nitrogen. 2 x 5 Kg bags are loaded into a cardboard carton. This packing form is suited to irradiation, if diet is to be autoclaved it must be transferred into permeable packing..

### Calculated Nutritional parameters

Protein	19.5 %
Total Fat	4.5 %
Crude Fibre	4.6 %
Digestible Energy	13.5 MJ / Kg

### Ingredients

A fixed formula ration using the following ingredients.

Wheat, Lupins, Barley, Soya meal, Mixed vegetable oils, Canola oil, Calcium carbonate, Dicalcium phosphate, Magnesium oxide, Sodium Chloride and a Vitamin and trace mineral premix.

### Added Trace Minerals

Magnesium	100 mg / Kg
Iron	70 mg / Kg
Copper	16 mg / Kg
Iodine	0.5 mg / Kg
Manganese	70 mg / Kg
Zinc	60 mg / Kg
Molybdenum	0.5 mg / Kg
Selenium	0.1 mg / Kg

### FEEDING RECOMMENDATIONS

Feed ad-lib to animals of all ages

### DIET FORM

12mm diameter cubes. Packed in 5 Kg bags.  
Vacuum sealed after filling with nitrogen

### Added Vitamins

Vitamin A (Retinol)	10,000 IU / Kg
Vitamin D3 (Cholecalciferol)	2,000 IU/Kg
Vitamin K (Menadione)	2 mg / Kg
Vitamin E ( $\alpha$ Tocopherol acetate)	100 mg / Kg
Vitamin B1 (Thiamine)	6 mg / Kg
Vitamin B2 (Riboflavin)	6 mg / Kg
Niacin (Nicotinic acid)	25 mg / Kg
Vitamin B6 (Pyridoxine)	6 mg / Kg
Calcium Pantothenate	20 mg / Kg
Biotin	100 ug / Kg
Folic acid	2 mg / Kg
Vitamin B12 (Cyanocobalamin)	30 ug / Kg

<b>Calculated Amino Acids</b>	
Valine	0.8 %
Leucine	1.3 %
Isoleucine	0.7 %
Threonine	0.7 %
Methionine	0.3 %
Cystine	0.3 %
Lysine	0.9 %
Phenylalanine	0.9 %
Tyrosine	0.6 %
Tryptophan	0.2 %

<b>Calculated Total Minerals</b>	
Calcium	0.8 %
Phosphorous	0.7 %
Magnesium	0.2 %
Sodium	1.6 %
Chloride	2.6 %
Potassium	0.7 %
Sulphur	0.1 %
Iron	350 mg / Kg
Copper	25 mg / Kg
Iodine	0.6 mg / Kg
Manganese	120 mg / Kg
Cobalt	no data
Zinc	100 mg / Kg
Molybdenum	0.5 mg / Kg
Selenium	0.4 mg / Kg
Cadmium	no data
Chromium	no data

<b>Calculated total Vitamins</b>	
Vitamin A (Retinol)	10,400 IU / Kg
Vitamin D3 (Cholecalciferol)	> 2,000 IU / Kg
Vitamin E (Tocopherol)	115 mg / Kg
Vitamin K (Menadione)	2 mg / Kg
Vitamin C (Ascorbic acid)	no data
Vitamin B1 (Thiamine)	10 mg / Kg
Vitamin B2 (Riboflavin)	7 mg / Kg
Niacin (Nicotinic acid)	80 mg / Kg
Vitamin B6 (Pyridoxine)	10 mg / Kg
Pantothenic acid	30 mg / Kg
Biotin	300 ug / Kg
Folic acid	2.5 mg / Kg
Inositol	no data
Vitamin B12 (Cyanocobalamin)	30 ug / Kg
Choline	1,700 mg / Kg

<b>Calculated Fat Composition</b>	
Myristic Acid 14:0	trace
Palmitic Acid 16:0	0.4 %
Stearic Acid 18:0	0.1 %
Palmitoleic Acid 16:1	0.01 %
Oleic Acid 18:1	2.1 %
Gadoleic Acid 20:1	0.04 %
Linoleic Acid 18:2 n6	1.2 %
a Linolenic Acid 18:3 n3	0.3 %
Arachadonic Acid 20:4 n6	trace
EPA 20:5 n3	trace
DHA 22:6 n3	trace
Total Carotenoid	no data
Total Phospholipid	no data
Cholesterol	trace

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

**DIET DOES NOT CONTAIN RESTRICTED ANIMAL MATERIAL**