



# Specialty Feeds

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## DIET

**SF02-001**

**MODIFIED RAT AND MOUSE**

**10% FAT**

**5% CHOLESTEROL 2% CHOLATE**

A very high cholesterol cereal based diet for rodents.

Y It could be expected that the very high cholesterol and cholate content of this diet would result in significantly reduced feed intake in some strains.

Y This diet should only be used for very short feeding periods.

Y All other nutritional parameters meet or exceed NRC recommendations.

### Calculated Nutritional parameters

Protein	19.0 %
Total Fat	10 %
Crude Fibre	4 %
Digestible Energy	17 MJ / Kg

### FEEDING RECOMMENDATIONS

Feed ad-lib to animals of all ages

### DIET FORM

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

### Ingredients

A fixed formula ration using the following ingredients.

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

USP Cholesterol and Cholic acid added.

### 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	0.02 mg / Kg

### Added Vitamins

Vitamin A (Retinol)	10,000 IU / Kg
Vitamin D3 (Cholecalciferol)	2,000 IU/Kg
Vitamin K (Menadione)	2 mg / Kg
Vitamin E (aTocopherol acetate)	20 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	0.2 %
Cystine	0.3 %
Lysine	0.9 %
Phenylalanine	0.8 %
Tyrosine	0.5 %
Tryptophan	0.2 %

<b>Calculated Total Minerals</b>	
Calcium	0.75 %
Phosphorous	0.7 %
Magnesium	0.2 %
Sodium	0.2 %
Potassium	0.6 %
Sulphur	0.1 %
Iron	350 mg / Kg
Copper	24 mg / Kg
Iodine	0.5 mg / Kg
Manganese	110 mg / Kg
Cobalt	no data
Zinc	90 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)	10,900 IU / Kg
Vitamin D3 (Cholecalciferol)	> 2,000 IU / Kg
Vitamin E (Tocopherol)	110 mg / Kg
Vitamin K (Menadione)	1.7 mg / Kg
Vitamin C (Ascorbic acid)	no data
Vitamin B1 (Thiamine)	9 mg / Kg
Vitamin B2 (Riboflavin)	7.3 mg / Kg
Niacin (Nicotinic acid)	65 mg / Kg
Vitamin B6 (Pyridoxine)	8 mg / Kg
Pantothenic acid	30 mg / Kg
Biotin	200 ug / Kg
Folic acid	2.4 mg / Kg
Inositol	no data
Vitamin B12 (Cyanocobalamin)	30 ug / Kg
Choline	880 mg / Kg

<b>Calculated Fat Composition</b>	
Myristic Acid 14:0	0.07 %
Palmitic Acid 16:0	1.1 %
Stearic Acid 18:0	0.4 %
Palmitoleic Acid 16:1	0.05 %
Oleic Acid 18:1	4.8 %
Gadoleic Acid 20:1	0.08 %
Linoleic Acid 18:2 n6	2.4 %
a Linolenic Acid 18:3 n3	0.6 %
Arachadonic Acid 20:4 n6	trace
EPA 20:5 n3	0.04 %
DHA 22:6 n3	0.09 %
Total Carotenoid	no data
Total Phospholipid	no data
Cholesterol	5 %
Cholic acid: Salt	2 %

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