



Diet

SF09-131

Gluten Free Rat and Mouse: Reformulated

A cereal grain based diet formulated for laboratory rats and mice. This diet satisfies the nutritional requirements for growth of rats and mice. Modification of SF08-025

- Fat content has been increased to 9%.
- Molasses content has been reduced to 2%.
- Rice flour reduced to allow for increase in fat content.
- This diet is based on a formulation supplied by the Victorian Institute of Animal Health.
- Some modifications have been made to suit locally available raw materials

Calculated Nutritional Parameters	
Protein	18.70%
Total Fat	9.00%
Crude Fibre	4.90%
Digestible Energy	15.4 MJ / Kg
% Total calculated digestible energy from lipids	21.00%
% Total calculated digestible energy from protein	29.00%

Diet Form and Features
<ul style="list-style-type: none"> • Cereal grain base diet. 12 mm diameter pellets. • Pack size 5 Kg, vacuum packed under nitrogen in oxygen impermeable plastic bags. Bags are packed into cardboard cartons to protect them during transit. Smaller pack quantity on request. • Diet suitable for irradiation, also suitable for autoclave. • Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

Ingredients	
Rice Flour	485 g/Kg
Fish Meal	40 g/Kg
Skim Milk	90 g/Kg
Soya meal	190 g/Kg
Rice Pollard	36 g/Kg
Cellulose	38 g/Kg
Canola Oil	16 g/Kg
Safflower Oil (High Linoleic Acid)	12 g/Kg
Soya Oil	46 g/Kg
Dicalcium Phosphate	15 g/Kg
Calcium Carbonate	4.5 g/Kg
Sodium Chloride	3.8 g/Kg
Magnesium Oxide	0.6 g/Kg
Molasses	20 g/Kg
Rat and Mouse Premix	1.5 g/Kg
Choline Chloride (65%)	2 g/Kg

Calculated Amino Acids	
Valine	1.03%
Leucine	1.50%
Isoleucine	0.90%
Threonine	0.80%
Methionine	0.40%
Cystine	0.20%
Lysine	1.10%
Phenylalanine	1.00%
Tyrosine	1.00%
Tryptophan	0.20%

Calculated Total Minerals	
Calcium	0.90%
Phosphorous	0.80%
Magnesium	0.20%
Sodium	0.30%
Chloride	0.30%
Potassium	0.90%
Sulphur	0.20%
Iron	147 mg/Kg
Copper	24 mg/Kg
Iodine	0.5 mg/Kg
Manganese	99 mg/Kg
Cobalt	No data
Zinc	85 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.2 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	10 080 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	108 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin C (Ascorbic acid)	None added
Vitamin B1 (Thiamine)	82 mg/Kg
Vitamin B2 (Riboflavin)	33 mg/Kg
Niacin (Nicotinic acid)	132 mg/Kg
Vitamin B6 (Pryridoxine)	27 mg/Kg
Pantothenic Acid	60 mg/Kg
Biotin	422 ug/Kg
Folic Acid	5.0 mg/Kg
Inositol	None added
Vitamin B12 (Cyanocobalamin)	150 ug/Kg
Choline	2 550 mg/Kg

Calculated Fatty Acid Composition	
Saturated fats C12:0 and less	0.01%
Myristic Acid 14:0	0.05%
Palmitic Acid 16:0	0.85%
Stearic Acid 18:0	0.30%
Palmitoleic Acid 16:1	0.02%
Oleic Acid 18:1	2.50%
Gadoleic Acid 20:1	0.04%
Linoleic Acid 18:2 n6	3.78%
a Linolenic Acid 18:3 n3	0.49%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.06%
DHA 22:6 n3	0.11%
Total n3	0.66%
Total n6	3.78%
Total Mono Unsaturated Fats	2.57%
Total Poly Unsaturated Fats	4.44%
Total Saturated Fats	1.21%

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.