



Diet

SF08-025

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.

- This diet replaces SF07-036. Choline content of the diet has been increased by inclusion of Choline chloride.
- 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	18.50%
Total Fat	5.00%
Crude Fibre	3.40%
Digestible Energy	14.3 MJ / Kg

Ingredients	
Rice Flour	505 g/Kg
Fish Meal	40 g/Kg
Skim Milk	100 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
Dicalcium Phosphate	15 g/Kg
Sodium Chloride	3.6 g/Kg
Magnesium Oxide	0.5 g/Kg
Molasses	40 g/Kg
Rat and Mouse Premix	1.5 g/Kg
Choline Chloride (65%)	2 g/Kg

Diet Form and Features	
•	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.

Calculated Amino Acids	
Valine	1.10%
Leucine	1.60%
Isoleucine	0.90%
Threonine	0.80%
Methionine	0.40%
Cystine	0.20%
Lysine	1.10%
Phenylalanine	1.00%
Tyrosine	1.00%
Tryptophan	0.20%
Histidine	0.52%

Calculated Total Minerals	
Calcium	0.80%
Phosphorous	0.80%
Magnesium	0.20%
Sodium	0.30%
Chloride	0.30%
Potassium	0.90%
Sulphur	0.20%
Iron	143 mg/Kg
Copper	24 mg/Kg
Iodine	0.5 mg/Kg
Manganese	98 mg/Kg
Cobalt	No data
Zinc	86 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.2 mg/Kg
Cadmium	Trace

Calculated Fatty Acid Composition	
Myristic Acid 14:0	Trace
Palmitic Acid 16:0	0.40%
Stearic Acid 18:0	0.10%
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	1.50%
Gadoleic Acid 20:1	Trace
Linoleic Acid 18:2 n6	1.40%
a Linolenic Acid 18:3 n3	0.18%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	Trace
DHA 22:6 n3	0.10%
Total n3	0.29%
Total n6	1.40%
Total Mono Unsaturated Fats	1.51%
Total Polyunsaturated Fats	1.79%
Total Saturated Fats	0.56%

Calculated Total Vitamins	
Vitamin A (Retinol)	10 080 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	107 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)	134 mg/Kg
Vitamin B6 (Pryridoxine)	27 mg/Kg
Pantothenic Acid	62 mg/Kg
Biotin	435 ug/Kg
Folic Acid	5.0 mg/Kg
Inositol	None added
Vitamin B12 (Cyancobalamin)	150 ug/Kg
Choline	2 600 mg/Kg

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.