



Diet SF10-076

Low Sodium Rat and Mouse Diet 8% Fat

A fixed formulation cereal grain base diet for laboratory rats and mice designed to minimise Sodium content. All other nutrients meet or exceed NRC requirements.

- Clarified butter has been added to increase fat content to 8%

Calculated Nutritional Parameters	
Protein	19.0%
Total Fat	8.0%
Crude Fibre	4.6%
AD Fibre	7.1%
Digestible Energy	14.7 MJ / Kg

Ingredients	
A fixed formula ration using the following ingredients. Wheat, Lupins, Barley, Mill mix (Pollard and Bran), Soya meal, Canola meal, Mixed vegetable oils, Clarified butter, Canola oil, Calcium carbonate, Dicalcium phosphate, Magnesium oxide, and a Vitamin and 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	50 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.1 mg/Kg

Feeding Recommendations	
Feed ad-lib to animals of all ages.	

Diet Form and Features	
<ul style="list-style-type: none"> • 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. 	

Added Vitamins	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D3 (Cholecalciferol)	2 000 IU/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin E (a Tocopherol acetate)	100 mg/Kg
Vitamin B1 (Thiamine)	80 mg/Kg
Vitamin B2 (Riboflavin)	30 mg/Kg
Niacin (Nicotinic acid)	100 mg/Kg
Vitamin B6 (Pyridoxine)	25 mg/Kg
Calcium Pantothenate	50 mg/Kg
Biotin	300 ug/Kg
Folic Acid	5 mg/Kg
Vitamin B12 (Cyanocobalamin)	150 ug/Kg

Calculated Amino Acids	
Valine	0.88%
Leucine	1.41%
Isoleucine	0.78%
Threonine	0.70%
Methionine	0.28%
Cystine	0.34%
Lysine	0.95%
Phenylalanine	0.90%
Tyrosine	0.60%
Tryptophan	0.21%
Histidine	0.51%

Calculated Total Vitamins	
Vitamin A (Retinol)	10 630 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	114 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	84 mg/Kg
Vitamin B2 (Riboflavin)	32 mg/Kg
Niacin (Nicotinic acid)	156 mg/Kg
Vitamin B6 (Pryridoxine)	29 mg/Kg
Pantothenic Acid	60 mg/Kg
Biotin	520 ug/Kg
Folic Acid	5.7 mg/Kg
Inositol	No data
Vitamin B12 (Cyanocobalamin)	150 ug/Kg
Choline	1 890 mg/Kg

Calculated Total Minerals	
Calcium	0.86%
Phosphorous	0.66%
Magnesium	0.26%
Sodium	0.03%
Potassium	0.87%
Sulphur	0.16%
Iron	194 mg/Kg
Copper	25 mg/Kg
Iodine	0.6 mg/Kg
Manganese	117 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	96 mg/Kg
Molybdenum	0.8 mg/Kg
Selenium	0.4 mg/Kg
Cadmium	0.05 mg/Kg
Chromium	No data
Boron	0.9 mg/Kg

Calculated Fatty Acid Composition	
Saturated Fats C12:0 and less	0.26%
Myristic Acid 14:0	0.37%
Palmitic Acid 16:0	1.40%
Stearic Acid 18:0	0.45%
Palmitoleic Acid 16:1	0.07%
Oleic Acid 18:1	2.85%
Gadoleic Acid 20:1	0.04%
Linoleic Acid 18:2 n6	1.24%
a Linolenic Acid 18:3 n3	0.35%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	Trace
DHA 22:6 n3	No data
Total n3	0.38%
Total n6	1.25%
Total Mono Unsaturated Fats	3.01%
Total Polyunsaturated Fats	1.63%
Total Saturated Fats	2.54%

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 autoclave 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.