



Diet SF15-049 Meat Free Rat and Mouse Plus 2% Creatine

A fixed formulation diet for Laboratory Rats and Mice fortified with vitamins and minerals to meet the requirements of breeding animals after the diet is autoclaved or irradiated.

- Creatine has been included into the ration at a rate of 2% finished diet
- See meat free rat and mouse data sheet for more information on the base diet.

Calculated Nutritional Parameters	
Protein	23.00%
Total Fat	4.40%
Crude Fibre	4.60%
Acid Detergent Fibre	7.00%
Neutral Detergent Fibre	14.00%
Total Carbohydrate	57.00%
Digestible Energy	14.5 MJ / Kg

Ingredients	
Meat Free Rat and Mouse	980 g/Kg
Creatine	20 g/Kg

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 In Base Diet	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	100 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin B1 (Thiamine)	80 mg/Kg
Vitamin B2 (Riboflavin)	30 mg/Kg
Niacin (Nicotinic acid)	100 mg/Kg
Vitamin B6 (Pryridoxine)	25 mg/Kg
Calcium Pantothenate	50 mg/Kg
Biotin	300 ug/Kg
Folic Acid	5.0 mg/Kg
Vitamin B12 (Cyanocobalamin)	150 ug/Kg

Added Trace Minerals in Base Diet	
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

Calculated Amino Acids	
Valine	0.83%
Leucine	1.40%
Isoleucine	0.80%
Threonine	0.66%
Methionine	1.90%
Cystine	1.10%
Lysine	0.90%
Phenylalanine	0.85%
Tyrosine	0.67%
Tryptophan	0.20%
Histidine	0.49%

Calculated Total Minerals	
Calcium	0.75%
Phosphorous	0.64%
Magnesium	0.19%
Sodium	0.17%
Potassium	0.74%
Sulphur	0.51%
Iron	200 mg/Kg
Copper	23 mg/Kg
Iodine	0.5 mg/Kg
Manganese	104 mg/Kg
Cobalt	0.6 mg/Kg
Zinc	90 mg/Kg
Molybdenum	1.1 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	0.04 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	10 400 IU/Kg
Vitamin D (Cholecalciferol)	1 900 IU/Kg
Vitamin E (a Tocopherol acetate)	107 mg/Kg
Vitamin K (Menadione)	19 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	80 mg/Kg
Vitamin B2 (Riboflavin)	30 mg/Kg
Niacin (Nicotinic acid)	140 mg/Kg
Vitamin B6 (Pryridoxine)	26 mg/Kg
Pantothenic Acid	57 mg/Kg
Biotin	390 ug/Kg
Folic Acid	5 mg/Kg
Inositol	No data
Vitamin B12 (Cyanocobalamin)	140 ug/Kg
Choline	1 510 mg/Kg

Calculated Fatty Acid Composition	
Myristic Acid 14:0	0.02%
Palmitic Acid 16:0	0.48%
Stearic Acid 18:0	0.14%
Palmitoleic Acid 16:1	0.01%
Oleic Acid 18:1	1.80%
Gadoleic Acid 20:1	0.03%
Linoleic Acid 18:2 n6	1.24%
a Linolenic Acid 18:3 n3	0.28%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.02%
DHA 22:6 n3	0.05%
Total n3	0.36%
Total n6	1.24%
Total Mono Unsaturated Fats	1.86%
Total Polyunsaturated Fats	1.61%
Total Saturated Fats	0.68%

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.