



**Diet**  
**SF00-245**

**High Fat Mouse Diet Plus 1% Cholesterol**

A semi-pure modified AIN-93G. This formulation satisfies the nutritional requirements for growth of rats and mice. Diet has been modified to include 15% cocoa butter and 1% cholesterol.

Calculated Nutritional Parameters	
Protein	19.4%
Total Fat	16.0%
Crude Fibre	4.7%
AD Fibre	4.7%
Digestible Energy	18.2 MJ / Kg
% Total calculated digestible energy from lipids	32.0%
% Total calculated digestible energy from protein	19.0%

Diet Form and Features
<ul style="list-style-type: none"> <li>Semi pure diet. 12 mm diameter pellets.</li> <li>Pack size 1.5 Kg trays, 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.</li> <li>Diet suitable for irradiation but not suitable for autoclave.</li> <li>Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.</li> </ul>

Ingredients	
Casein (Acid)	200 g/Kg
Sucrose	520 g/Kg
Canola Oil	10 g/Kg
Cocoa Butter	150 g/Kg
Cellulose	51 g/Kg
Wheat Starch	404 g/Kg
Dextrinised Starch	132 g/Kg
DL Methionine	3.0 g/Kg
Calcium Carbonate	13.1 g/Kg
Sodium Chloride	2.6 g/Kg
AIN93 Trace Minerals	1.4 g/Kg
Potassium Citrate	2.5 g/Kg
Potassium Dihydrogen Phosphate	6.9 g/Kg
Potassium Sulphate	1.6 g/Kg
Choline Chloride (75%)	10 g/Kg
Cholic Acid	5 g/Kg
Cholesterol USP	10 g/Kg
DL a Tocopherol Acetate (50%)	2.6 g/Kg
AIN93 Vitamins	10 g/Kg

Calculated Amino Acids	
Valine	1.30%
Leucine	1.80%
Isoleucine	0.90%
Threonine	0.80%
Methionine	0.50%
Cystine	0.10%
Lysine	1.50%
Phenylalanine	1.00%
Tyrosine	1.00%
Histidine	0.60%
Tryptophan	0.30%

Calculated Total Minerals	
Calcium	0.47%
Phosphorous	0.30%
Magnesium	0.09%
Sodium	0.12%
Chloride	0.16%
Potassium	0.40%
Sulphur	0.20%
Iron	74 mg/Kg
Copper	7.2 mg/Kg
Iodine	0.2 mg/Kg
Manganese	19.3 mg/Kg
Cobalt	No data
Zinc	52.4 mg/Kg
Molybdenum	0.15 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	No data
Chromium	1.0 mg/Kg
Fluoride	1.0 mg/Kg
Lithium	0.1 mg/Kg
Boron	2.1 mg/Kg
Nickel	0.5 mg/Kg
Vanadium	0.1 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	4 000 IU/Kg
Vitamin D (Cholecalciferol)	1 000 IU/Kg
Vitamin E (a Tocopherol acetate)	1 380 mg/Kg
Vitamin K (Menadione)	1 mg/Kg
Vitamin C (Ascorbic acid)	None added
Vitamin B1 (Thiamine)	6.1 mg/Kg
Vitamin B2 (Riboflavin)	6.3 mg/Kg
Niacin (Nicotinic acid)	30 mg/Kg
Vitamin B6 (Pryridoxine)	7 mg/Kg
Pantothenic Acid	16.5 mg/Kg
Biotin	200 ug/Kg
Folic Acid	2 mg/Kg
Inositol	None added
Vitamin B12 (Cyanocobalamin)	103 ug/Kg
Choline	6 500 mg/Kg

Calculated Fatty Acid Composition	
Myristic Acid 14:0	0.40%
Palmitic Acid 16:0	3.80%
Stearic Acid 18:0	5.40%
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	5.40%
Gadoleic Acid 20:1	0.02%
Linoleic Acid 18:2 n6	0.70%
a Linolenic Acid 18:3 n3	0.20%
Arachadonic Acid 20:4 n6	No data
Total n3	0.18%
Total n6	0.71%
Cholesterol	1.00%
Total Mono Unsaturated Fats	5.49%
Total Polyunsaturated Fats	0.89%
Total Saturated Fats	9.63%

Calculated data uses information from typical raw material composition. **Diet post treatment by irradiation or auto clave could change these parameters.** 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 emphasise that these diets have been specifically designed for manufacture by Specialty Feeds.