



Diet SF09-090

Nude Rat and Mouse (10% Fat) Plus 2% Cholesterol

A cereal based rodent diet based on our standard breeder formulation with an elevated fat content.

- Energy is increased by around 8% over the standard diet. All other dietary parameters are kept close to the standard diet. The increase in fat content reduces pellets strength.
- No different lipid sources than the standard have been included hence the percentage fatty acid profile of this diet is similar to the standard diet.

Calculated Nutritional Parameters

| | |
|-------------------|------------|
| Protein | 19.60% |
| Total Fat | 10.00% |
| Crude Fibre | 3.40% |
| Digestible Energy | 15 MJ / Kg |

Ingredients

A fixed formula ration using the following ingredients.
Wheat, Millrun, Lupins kernel, Soya meal, Fish meal, Mixed vegetable oils, Canola oil, Salt, Calcium Carbonate, Dicalcium phosphate, Sulphur, a Vitamin and mineral premix and cholesterol.

Feeding Recommendations

Feed ad-lib to animals of all ages.

Diet Form and Features

- 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 Trace Minerals

| | |
|------------|------------|
| 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 | 0.02 mg/Kg |

| Added Vitamins | |
|----------------------------------|--------------|
| Vitamin A (Retinol) | 10 000 IU/Kg |
| Vitamin D (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 | 0.80% |
| Leucine | 1.40% |
| Isoleucine | 0.80% |
| Threonine | 0.70% |
| Methionine | 0.30% |
| Cystine | 0.30% |
| Lysine | 0.90% |
| Phenylalanine | 0.90% |
| Tyrosine | 0.70% |
| Tryptophan | 0.20% |

| Calculated Total Minerals | |
|---------------------------|------------|
| Calcium | 0.75% |
| Phosphorous | 0.65% |
| Magnesium | 0.20% |
| Sodium | 0.20% |
| Potassium | 0.80% |
| Sulphur | 0.20% |
| Iron | 200 mg/Kg |
| Copper | 23 mg/Kg |
| Iodine | 0.5 mg/Kg |
| Manganese | 110 mg/Kg |
| Cobalt | 0.6 mg/Kg |
| Zinc | 90mg/Kg |
| Molybdenum | 1.2 mg/Kg |
| Selenium | 0.3 mg/Kg |
| Cadmium | 0.04 mg/Kg |
| Chromium | No data |

| Calculated Total Vitamins | |
|----------------------------------|---------------|
| Vitamin A (Retinol) | 11 000 IU/Kg |
| Vitamin D (Cholecalciferol) | > 2 000 IU/Kg |
| Vitamin E (a Tocopherol acetate) | 110 mg/Kg |
| Vitamin K (Menadione) | 20 mg/Kg |
| Vitamin C (Ascorbic acid) | No data |
| Vitamin B1 (Thiamine) | 85 mg/Kg |
| Vitamin B2 (Riboflavin) | 30 mg/Kg |
| Niacin (Nicotinic acid) | 150 mg/Kg |
| Vitamin B6 (Pyridoxine) | 25 mg/Kg |
| Pantothenic Acid | 60 mg/Kg |
| Biotin | 350 ug/Kg |
| Folic Acid | 5 mg/Kg |
| Inositol | No data |
| Vitamin B12 (Cyanocobalamin) | 150 ug/Kg |
| Choline | 700 mg/Kg |

| Calculated Fatty Acid Composition | |
|-----------------------------------|-------|
| Myristic Acid 14:0 | 0.08% |
| Palmitic Acid 16:0 | 1.20% |
| Stearic Acid 18:0 | 0.40% |
| Palmitoleic Acid 16:1 | 0.05% |
| Oleic Acid 18:1 | 4.50% |
| Gadoleic Acid 20:1 | 0.07% |
| Linoleic Acid 18:2 n6 | 2.60% |
| a Linolenic Acid 18:3 n3 | 0.50% |
| Arachadonic Acid 20:4 n6 | Trace |
| EPA 20:5 n3 | 0.05% |
| DHA 22:6 n3 | 0.12% |
| Total n3 | 0.92% |
| Total n6 | 2.61% |
| Total Mono Unsaturated Fats | 4.61% |
| Total Polyunsaturated Fats | 3.34% |
| Total Saturated Fats | 1.85% |
| Cholesterol | 2.00% |

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.