



Specialty Feeds

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Diet
SF08-026

**Meat Free Rat and Mouse Plus 600mg
Doxycycline/Kg
MEDICATED DIET**

CAUTION: PRESCRIPTION ONLY MEDICINE FOR ANIMAL TREATMENT ONLY.

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.

- Doxycycline has been included into the ration at a rate of 600mg/kg finished diet
- A Red Food colouring has been added to the diet.
- See meat free rat and mouse data sheet for more information on the base diet.

Calculated Nutritional Parameters

| | |
|-------------------------|--------------|
| Protein | 20.00% |
| Total Fat | 4.80% |
| Crude Fibre | 4.80% |
| Acid Detergent Fibre | 7.60% |
| Neutral Detergent Fibre | 16.40% |
| Total Carbohydrate | 59.40% |
| Digestible Energy | 14.0 MJ / Kg |

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.
- Diet is Red in Colour
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

Ingredients

| | |
|-------------------------|----------|
| Meat Free Rat and Mouse | 999 g/Kg |
| Doxycycline | 0.6 g/Kg |

Added Vitamins In Base Diet

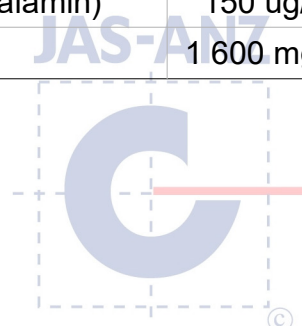
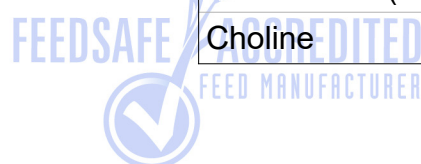
| | |
|----------------------------------|--------------|
| Vitamin A (Retinol) | 10 000 IU/Kg |
| Vitamin D (Cholecalciferol) | 2 000 IU/Kg |
| Vitamin E (a Tocopherol acetate) | 100 mg/Kg |
| Vitamin K (Menadione) | 20 mg/Kg |
| Vitamin B1 (Thiamine) | 80 mg/Kg |
| Vitamin B2 (Riboflavin) | 30 mg/Kg |
| 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 | 0.87% |
| Leucine | 1.40% |
| Isoleucine | 0.80% |
| Threonine | 0.70% |
| Methionine | 0.30% |
| Cystine | 0.30% |
| Lysine | 0.90% |
| Phenylalanine | 0.90% |
| Tyrosine | 0.50% |
| Tryptophan | 0.20% |
| Histidine | 0.53% |

| Calculated Total Minerals | |
|---------------------------|------------|
| Calcium | 0.80% |
| Phosphorous | 0.71% |
| Magnesium | 0.20% |
| Sodium | 0.18% |
| Potassium | 0.82% |
| Sulphur | 0.20% |
| Iron | 200 mg/Kg |
| Copper | 23 mg/Kg |
| Iodine | 0.5 mg/Kg |
| Manganese | 104 mg/Kg |
| Cobalt | 0.7 mg/Kg |
| Zinc | 90 mg/Kg |
| Molybdenum | 1.2 mg/Kg |
| Selenium | 0.4 mg/Kg |
| Cadmium | 0.05 mg/Kg |

| Calculated Total Vitamins | |
|----------------------------------|--------------|
| Vitamin A (Retinol) | 19 500 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) | 80 mg/Kg |
| Vitamin B2 (Riboflavin) | 30 mg/Kg |
| Niacin (Nicotinic acid) | 145 mg/Kg |
| Vitamin B6 (Pyridoxine) | 28 mg/Kg |
| Pantothenic Acid | 60 mg/Kg |
| Biotin | 410 ug/Kg |
| Folic Acid | 5 mg/Kg |
| Inositol | No data |
| Vitamin B12 (Cyanocobalamin) | 150 ug/Kg |
| Choline | 1 600 mg/Kg |



| Calculated Fatty Acid Composition | |
|-----------------------------------|-------|
| Myristic Acid 14:0 | 0.03% |
| Palmitic Acid 16:0 | 0.50% |
| Stearic Acid 18:0 | 0.14% |
| Palmitoleic Acid 16:1 | 0.01% |
| Oleic Acid 18:1 | 1.90% |
| Gadoleic Acid 20:1 | 0.03% |
| Linoleic Acid 18:2 n6 | 1.30% |
| a Linolenic Acid 18:3 n3 | 0.30% |
| Arachadonic Acid 20:4 n6 | 0.01% |
| EPA 20:5 n3 | 0.02% |
| DHA 22:6 n3 | 0.05% |
| Total n3 | 0.37% |
| Total n6 | 1.31% |
| Total Mono Unsaturated Fats | 2.00% |
| Total Polyunsaturated Fats | 1.77% |
| Total Saturated Fats | 0.74% |

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.

