



# Specialty Feeds

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**Diet**  
**SF11-011**

## 3.1% Sodium Rat and Mouse Diet 8% Fat

A fixed formulation cereal grain base diet for laboratory rats and mice. All nutrients meet or exceed NRC requirements.

- Clarified butter has been added to increase fat content to 8%
- Sodium Content has been increased to 3.1%
- The increase in Sodium has resulted in a slight reduction in energy density, protein and fibre. All other nutrient parameters are the same as the control SF10-076 (Low Sodium Rat and mouse 8% Fat).

### Calculated Nutritional Parameters

|                   |              |
|-------------------|--------------|
| Protein           | 18.12%       |
| Total Fat         | 8.00%        |
| Crude Fibre       | 4.34%        |
| AD Fibre          | 6.75%        |
| Digestible Energy | 13.6 MJ / Kg |

### Feeding Recommendations

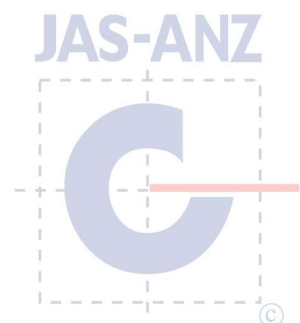
Feed ad-lib to animals of all ages.

### 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.

### 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, Salt, 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 |

| 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                 | 0.84% |
| Leucine                | 1.34% |
| Isoleucine             | 0.74% |
| Threonine              | 0.67% |
| Methionine             | 0.26% |
| Cystine                | 0.32% |
| Lysine                 | 0.92% |
| Phenylalanine          | 0.86% |
| Tyrosine               | 0.63% |
| Tryptophan             | 0.20% |
| Histidine              | 0.49% |

| Calculated Total Minerals |            |
|---------------------------|------------|
| Calcium                   | 0.85%      |
| Phosphorous               | 0.64%      |
| Magnesium                 | 0.25%      |
| Sodium                    | 3.10%      |
| Potassium                 | 0.84%      |
| Sulphur                   | 0.16%      |
| Iron                      | 187 mg/Kg  |
| Copper                    | 25 mg/Kg   |
| Iodine                    | 0.6 mg/Kg  |
| Manganese                 | 114 mg/Kg  |
| Cobalt                    | 0.4 mg/Kg  |
| Zinc                      | 94 mg/Kg   |
| Molybdenum                | 0.8 mg/Kg  |
| Selenium                  | 0.3 mg/Kg  |
| Cadmium                   | 0.04 mg/Kg |
| Chromium                  | No data    |
| Boron                     | 0.9 mg/Kg  |

| Calculated Total Vitamins        |              |
|----------------------------------|--------------|
| Vitamin A (Retinol)              | 10 640 IU/Kg |
| Vitamin D (Cholecalciferol)      | 2 000 IU/Kg  |
| Vitamin E (a Tocopherol acetate) | 113 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)          | 151 mg/Kg    |
| Vitamin B6 (Pyridoxine)          | 28 mg/Kg     |
| Pantothenic Acid                 | 59 mg/Kg     |
| Biotin                           | 510 ug/Kg    |
| Folic Acid                       | 5.7 mg/Kg    |
| Inositol                         | No data      |
| Vitamin B12 (Cyanocobalamin)     | 150 ug/Kg    |
| Choline                          | 1 810 mg/Kg  |

| Calculated Fatty Acid Composition |         |
|-----------------------------------|---------|
| Saturated Fats C12:0 and less     | 0.27%   |
| Myristic Acid 14:0                | 0.38%   |
| Palmitic Acid 16:0                | 1.42%   |
| Stearic Acid 18:0                 | 0.47%   |
| Palmitoleic Acid 16:1             | 0.07%   |
| Oleic Acid 18:1                   | 2.86%   |
| Gadoleic Acid 20:1                | 0.04%   |
| Linoleic Acid 18:2 n6             | 1.17%   |
| a Linolenic Acid 18:3 n3          | 0.34%   |
| Arachadonic Acid 20:4 n6          | Trace   |
| EPA 20:5 n3                       | Trace   |
| DHA 22:6 n3                       | No data |
| Total n3                          | 0.37%   |
| Total n6                          | 1.18%   |
| Total Mono Unsaturated Fats       | 3.02%   |
| Total Polyunsaturated Fats        | 1.55%   |
| Total Saturated Fats              | 2.60%   |

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.

