



# Specialty Feeds

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## Diet SF15-150

## 23.5% Fat Soya Free Rat and Mouse

A high fat modification of SF06-053 Soya Free Rat and Mouse Diet

- Fat has been increased to 23.5%
- Canola oil has been reduced to 1%, to meet minimum Omega 3 and Omega 6 fatty acid requirements.
- Kreamolene (Hydrogenated Coconut Oil) has been added to increase fat content to 23.5%
- See data sheet SF06-053 for more information on the Soya Free diet.

### Calculated Nutritional Parameters

Protein	18.50%
Total Fat	23.50%
Crude Fibre	3.50%
Digestible Energy	18.4 MJ / Kg
% Total calculated digestible energy from protein	16.90%
% Total calculated digestible energy from lipids	46.70%

### Diet Form and Features

- Cereal grain base diet. 12 mm diameter pellets.
- Pack size 1.5 Kg Trays, vacuum packed under nitrogen in oxygen impermeable plastic bags. Trays are packed into cardboard cartons to protect them during transit. Smaller pack quantity on request.
- Diet suitable for irradiation, also suitable for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

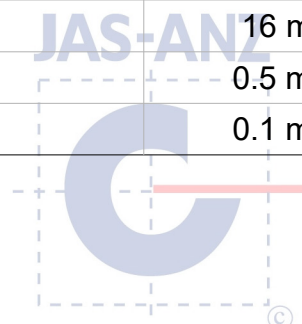
### Ingredients

A fixed formulation ration using the following ingredients:

Wheat Flour, Mill mix, Fish meal, Kreamolene (Hydrogenated Coconut Oil), Canola Oil, Wheat Gluten, Sucrose, Dicalcium phosphate, Calcium carbonate, Salt, DL Methionine, Lysine, Sulphur, and a Vitamin and trace 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	16 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.1 mg/Kg

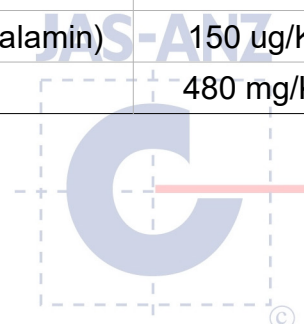


Added Vitamins	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	100 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin B1 (Thiamine)	80 mg/Kg
Vitamin B2 (Riboflavin)	30 mg/Kg
Niacin (Nicotinic acid)	100 mg/Kg
Vitamin B6 (Pryridoxine)	25 mg/Kg
Calcium Pantothenate	50 mg/Kg
Biotin	300 ug/Kg
Folic Acid	5 mg/Kg
Vitamin B12 (Cyancobalamin)	150 ug/Kg

Calculated Amino Acids	
Valine	0.78%
Leucine	1.34%
Isoleucine	0.70%
Threonine	0.64%
Methionine	0.38%
Cystine	0.28%
Lysine	0.93%
Phenylalanine	1.06%
Tyrosine	0.54%
Tryptophan	0.22%
Histidine	0.49%

Calculated Total Minerals	
Calcium	0.95%
Phosphorous	0.76%
Magnesium	0.21%
Sodium	0.17%
Potassium	0.49%
Sulphur	0.12%
Iron	160 mg/Kg
Copper	24 mg/Kg
Iodine	0.5 mg/Kg
Manganese	115 mg/Kg
Cobalt	0.2 mg/Kg
Zinc	100 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.4 mg/Kg
Cadmium	Trace

Calculated Total Vitamins	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	115 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin C (Ascorbic acid)	None added
Vitamin B1 (Thiamine)	85 mg/Kg
Vitamin B2 (Riboflavin)	32 mg/Kg
Niacin (Nicotinic acid)	150 mg/Kg
Vitamin B6 (Pryridoxine)	28 mg/Kg
Pantothenic Acid	61 mg/Kg
Biotin	322 ug/Kg
Folic Acid	5.5 mg/Kg
Inositol	None added
Vitamin B12 (Cyancobalamin)	150 ug/Kg
Choline	480 mg/Kg



Calculated Fatty Acid Composition	
Saturated Fats C12:0 and less	9.33%
Myristic Acid 14:0	3.71%
Palmitic Acid 16:0	2.48%
Stearic Acid 18:0	2.58%
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	1.04%
Gadoleic Acid 20:1	0.02%
Linoleic Acid 18:2 n6	1.20%
a Linolenic Acid 18:3 n3	0.25%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.08%
DHA 22:6 n3	0.19%
Total n3	0.53%
Total n6	1.20%
Total Mono Unsaturated Fats	1.07%
Total Polyunsaturated Fats	1.73%
Total Saturated Fats	20.76%

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.

