



Diet

SF15-024

Nude Rat and Mouse (10% Fat)

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

- This diet replaces SF06-105 for improved pellet strength.
- 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	18.70%
Total Fat	10.00%
Crude Fibre	3.50%
Acid Detergent Fibre	5.20%
Neutral Detergent Fibre	14.20%
Total Carbohydrate	55.00%
Digestible Energy	15 MJ / Kg
% Total Calculated Digestible Energy From Protein	21.00%
% Total Calculated Digestible Energy From Lipids	24.40%

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, Millrun, Lupins kernel, Soya meal, Fish meal, Mixed vegetable oils, Canola oil, Salt, Calcium Hydroxide, Molasses Dicalcium phosphate, 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	60 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.02 mg/Kg

Feeding Recommendations

Feed ad-lib to animals of all ages.

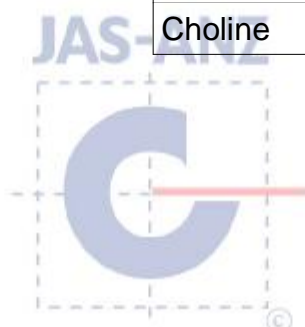


Added Vitamins	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin E (a Tocopherol acetate)	100 mg/Kg
Vitamin B1 (Thiamine)	80 mg/Kg
Vitamin B2 (Riboflavin)	30 mg/Kg
Niacin (Nicotinic acid)	100 mg/Kg
Vitamin B6 (Pyridoxine)	25 mg/Kg
Calcium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

Calculated Amino Acids	
Valine	0.83%
Leucine	1.30%
Isoleucine	0.72%
Threonine	0.64%
Methionine	0.30%
Cystine	0.30%
Lysine	0.90%
Phenylalanine	0.80%
Tyrosine	0.62%
Tryptophan	0.20%
Histidine	0.49%

Calculated Total Minerals	
Calcium	0.80%
Phosphorous	0.70%
Magnesium	0.20%
Sodium	0.20%
Potassium	0.70%
Sulphur	0.20%
Iron	200 mg/Kg
Copper	24 mg/Kg
Iodine	0.5 mg/Kg
Manganese	120 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	100 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.5 mg/Kg
Cadmium	0.03 mg/Kg
Chromium	No data

Calculated Total Vitamins	
Vitamin A (Retinol)	10 640 IU/Kg
Vitamin D (Cholecalciferol)	> 2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	114 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	85 mg/Kg
Vitamin B2 (Riboflavin)	32 mg/Kg
Niacin (Nicotinic acid)	160 mg/Kg
Vitamin B6 (Pyridoxine)	28 mg/Kg
Pantothenic Acid	63 mg/Kg
Biotin	380 ug/Kg
Folic Acid	5 mg/Kg
Inositol	No data
Vitamin B12 (Cyanocobalamin)	150 ug/Kg
Choline	800 mg/Kg



Calculated Fatty Acid Composition	
Myristic Acid 14:0	0.09%
Palmitic Acid 16:0	1.28%
Stearic Acid 18:0	0.41%
Palmitoleic Acid 16:1	0.06%
Oleic Acid 18:1	4.51%
Gadoleic Acid 20:1	0.07%
Linoleic Acid 18:2 n6	2.60%
α Linolenic Acid 18:3 n3	0.51%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.07%
DHA 22:6 n3	0.16%
Total n3	0.75%
Total n6	2.60%
Total Mono Unsaturated Fats	4.64%
Total Polyunsaturated Fats	3.35%
Total Saturated Fats	1.88%

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.

