



## Diet **SF04-057**      **6% Fat Semi-Pure Rodent Diet: Control for SF00-219**

This diet was designed to be a control for SF00-219.

- Total fat content has been reduced from 22% to 6%.
- The lipid source has changed from Ghee to Canola oil. This was done to maintain the known requirements of some individual fatty acids.
- Starch content was increased to match the removal of Ghee.

### Calculated Nutritional Parameters as Fed

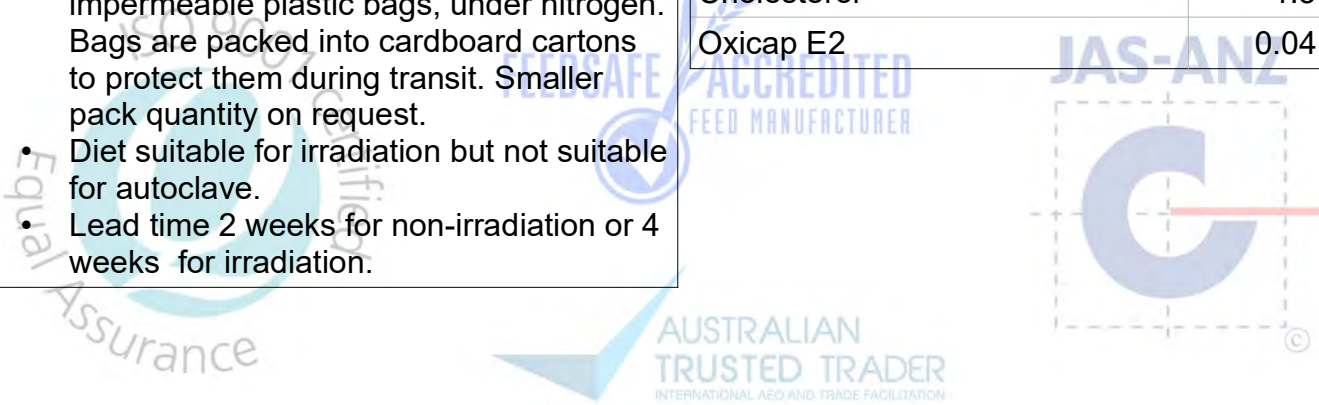
Protein	19.0%
Total Fat	6.0%
Total Digestible Carbohydrate as defined by FSA NZ Standard 1.2.8	59.9%
Crude Fibre	4.7%
AD Fibre	4.7%
Digestible Energy	16.1 MJ / Kg
% Total calculated digestible energy from lipids	14.0%
% Total calculated digestible energy from protein	21.0%

### Ingredients

Casein (Acid)	195 g/Kg
Sucrose	341 g/Kg
Canola Oil	60 g/Kg
Cellulose	50 g/Kg
Wheat Starch	306 g/Kg
L Methionine	3.0 g/Kg
Calcium Carbonate	17.1 g/Kg
Sodium Chloride	2.6 g/Kg
AIN93 Trace Minerals	1.4 g/Kg
Potassium Citrate	2.5 g/Kg
Potassium Dihydrogen Phosphate	6.9 g/Kg
Potassium Sulphate	1.6 g/Kg
Choline Chloride (75%)	2.5 g/Kg
SF00-219 Vitamins	10 g/Kg
Cholesterol	1.5 g/Kg
Oxicap E2	0.04 g/Kg

### Diet Form and Features

- Semi pure high fat 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 but not suitable for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.



Calculated Essential Amino Acids as Fed	
Valine	1.20%
Leucine	1.80%
Isoleucine	0.85%
Threonine	0.80%
Methionine	0.80%
Cysteine	0.05%
Lysine	1.50%
Phenylalanine	1.00%
Tyrosine	1.00%
Histidine	0.59%
Tryptophan	0.30%

Calculated Total Vitamins as Fed	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D (Cholecalciferol)	1 100 IU/Kg
Vitamin E (a Tocopherol acetate)	65 mg/Kg
Vitamin K (Menadione)	12.5 mg/Kg
Vitamin C (Ascorbic acid)	700 mg/Kg
Vitamin B1 (Thiamine)	11 mg/Kg
Vitamin B2 (Riboflavin)	11.3 mg/Kg
Niacin (Nicotinic acid)	50 mg/Kg
Vitamin B6 (Pryridoxine)	11 mg/Kg
Pantothenic Acid	34 mg/Kg
Biotin	200 ug/Kg
Folic Acid	1 mg/Kg
Inositol	55 mg/Kg
Vitamin B12 (Cyanocobalamin)	18 ug/Kg
Choline	4 490 mg/Kg

Calculated Total Minerals as Fed	
Calcium	0.60%
Phosphorous	0.34%
Magnesium	0.10%
Sodium	0.13%
Chloride	0.16%
Potassium	0.40%
Sulphur	0.23%
Iron	81 mg/Kg
Copper	7.1 mg/Kg
Iodine	0.2 mg/Kg
Manganese	21 mg/Kg
Cobalt	No data
Zinc	51 mg/Kg
Molybdenum	0.15 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	No data
Chromium	1.0 mg/Kg
Fluoride	1.0 mg/Kg
Lithium	0.1 mg/Kg
Boron	2.5 mg/Kg
Nickel	0.5 mg/Kg
Vanadium	0.1 mg/Kg

Calculated Fatty Acid Composition as Fed	
Myristic Acid 14:0	trace
Palmitic Acid 16:0	0.30%
Stearic Acid 18:0	0.10%
Arachidic Acid 20:0	Trace
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	3.30%
Gadoleic Acid 20:1	Trace
Linoleic Acid 18:2 n6	1.30%
a Linolenic Acid 18:3 n3	0.90%
Arachadonic Acid 20:4 n6	No data
EPA 20:5 n3	No data
DHA 22:6 n3	No data
Total n3	0.90%
Total n6	1.30%
Cholesterol	0.15%
Total Mono Unsaturated Fats	3.43%
Total Poly Unsaturated Fats	2.15%
Total Saturated Fats	0.43%

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 autoclave 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.