



## Diet

### SF16-016

## Love Mash Equivalent

A high fat supplementary diet made to customer specifications. Some modifications have been made to the original formulation to suit locally available raw materials.

- Vitamins and Minerals have been added to the formulation

Calculated Nutritional Parameters	
Protein	24.90%
Total Fat	11.10%
Crude Fibre	4.20%
Digestible Energy	16.1 MJ / Kg
% Total calculated digestible energy from protein	26.10%
% Total calculated digestible energy from lipids	25.30%

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

## Ingredients

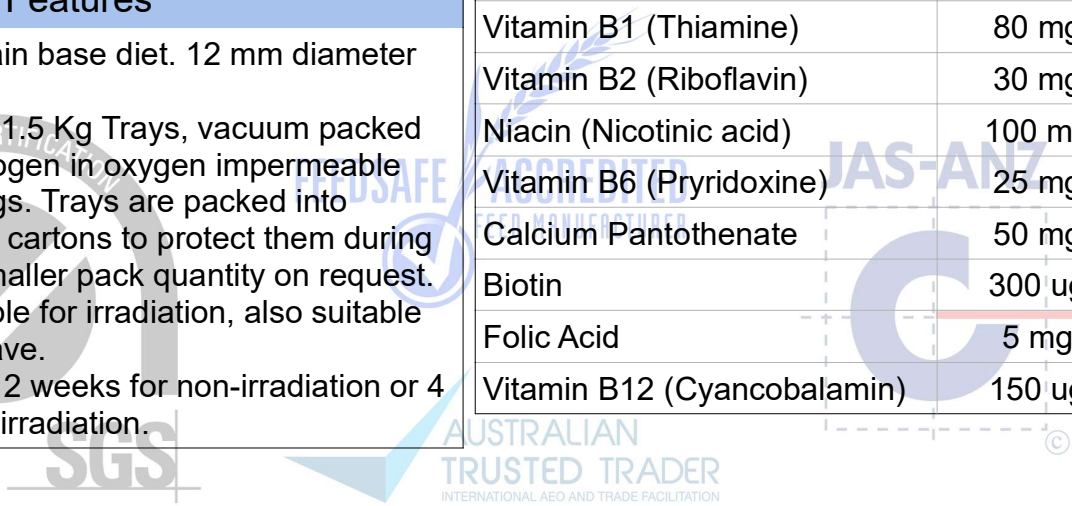
A fixed formulation ration using the following ingredients:

Dehulled Oats, Yeast, Wheat germ, Fish Oil, Dicalcium phosphate, Calcium carbonate, Salt, and a Vitamin and trace mineral premix.

## 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.

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 (Cyanocobalamin)	150 ug/Kg



Calculated Essential Amino Acids as Fed	
Valine	1.45%
Leucine	2.63%
Isoleucine	1.38%
Threonine	1.30%
Methionine	0.59%
Cysteine	0.41%
Lysine	1.83%
Phenylalanine	2.20%
Tyrosine	0.98%
Tryptophan	0.45%
Histidine	0.92%

Calculated Total Vitamins as Fed	
Vitamin A (Retinol)	10 000 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	107 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin C (Ascorbic acid)	None added
Vitamin B1 (Thiamine)	85 mg/Kg
Vitamin B2 (Riboflavin)	43 mg/Kg
Niacin (Nicotinic acid)	250 mg/Kg
Vitamin B6 (Pryridoxine)	34 mg/Kg
Pantothenic Acid	80 mg/Kg
Biotin	710 ug/Kg
Folic Acid	5.2 mg/Kg
Inositol	None added
Vitamin B12 (Cyanocobalamin)	150 ug/Kg
Choline	1 320 mg/Kg

Calculated Total Minerals as Fed	
Calcium	1.10%
Phosphorous	0.70%
Magnesium	0.22%
Sodium	0.25%
Potassium	0.59%
Sulphur	0.51%
Iron	130 mg/Kg
Copper	21 mg/Kg
Iodine	0.5 mg/Kg
Manganese	120 mg/Kg
Cobalt	0.2 mg/Kg
Zinc	130 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.2 mg/Kg
Cadmium	Trace

Calculated Fatty Acid Composition as Fed	
Saturated Fats C12:0 and less	0.01%
Myristic Acid 14:0	0.36%
Palmitic Acid 16:0	1.63%
Stearic Acid 18:0	0.30%
Palmitoleic Acid 16:1	0.55%
Oleic Acid 18:1	1.37%
Gadoleic Acid 20:1	0.12%
Linoleic Acid 18:2 n6	1.71%
a Linolenic Acid 18:3 n3	0.03%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	1.38%
DHA 22:6 n3	1.06%
Total n3	2.55%
Total n6	1.78%
Total Mono Unsaturated Fats	2.16%
Total Polyunsaturated Fats	4.33%
Total Saturated Fats	2.52%

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.