



Specialty Feeds

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Diet SF14-156

Dough Form Recovery Diet

A fixed formulation diet for Laboratory Rats and Mice fortified with vitamins and minerals to meet the requirements of breeding animals after the diet is autoclaved or irradiated.

- Diet supplied as powder to be mixed with water to make dough by facility. Mix 20g Diet with 8g Water. Knead into dough.
- Standard rat and mouse chow supplemented with peanuts, dextrose and sodium caseinate to make diet more palatable for animals in recovery.

Calculated Nutritional Parameters

Protein	24.60%
Total Fat	8.50%
Crude Fibre	4.60%
Acid Detergent Fibre	5.86%
Neutral Detergent Fibre	12.11%
Total Carbohydrate	52.60%
Digestible Energy	15.5 MJ / Kg
% Total Calculated Digestible Energy From Lipids	20.10%
% Total Calculated Digestible Energy From Protein	26.70%

Diet Form and Features

- Cereal grain base powder diet.
- 1.5 Kg packs.
- Diet suitable for irradiation and 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 (Pyrrodoxine)	25 mg/Kg
Calcium Pantothenate	50 mg/Kg
Biotin	300 ug/Kg
Folic Acid	5.0 mg/Kg
Vitamin B12 (Cyanocobalamin)	150 ug/Kg

Ingredients

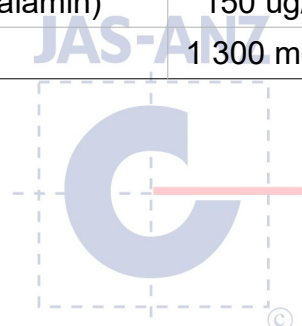
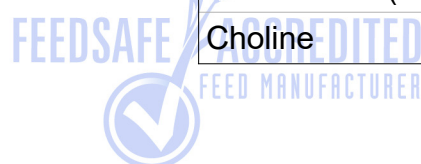
Wheat, barley, Lupins, Soya meal, Fish meal, Mixed vegetable oils, Canola oil, Salt, Calcium carbonate, Dicalcium phosphate, Magnesium oxide, Peanuts, Dextrose, Sodium Caseinate and a Vitamin and trace mineral premix.

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	60 mg/Kg
Molybdenum	0.5 mg/Kg
Selenium	0.1 mg/Kg

Calculated Amino Acids	
Valine	1.28%
Leucine	2.00%
Isoleucine	1.05%
Threonine	0.94%
Methionine	0.45%
Cystine	0.31%
Lysine	1.42%
Phenylalanine	1.21%
Tyrosine	1.06%
Tryptophan	0.30%
Histadine	0.70%

Calculated Total Minerals	
Calcium	0.64%
Phosphorous	0.62%
Magnesium	0.18%
Sodium	0.30%
Potassium	0.69%
Sulphur	0.19%
Iron	185 mg/Kg
Copper	23 mg/Kg
Iodine	0.5 mg/Kg
Manganese	107 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	93 mg/Kg
Molybdenum	1.1 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	0.03 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	10 760 IU/Kg
Vitamin D (Cholecalciferol)	2 000 IU/Kg
Vitamin E (a Tocopherol acetate)	117 mg/Kg
Vitamin K (Menadione)	20 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	83 mg/Kg
Vitamin B2 (Riboflavin)	31 mg/Kg
Niacin (Nicotinic acid)	149 mg/Kg
Vitamin B6 (Pryridoxine)	28 mg/Kg
Pantothenic Acid	59 mg/Kg
Biotin	391 ug/Kg
Folic Acid	5.5 mg/Kg
Inositol	No data
Vitamin B12 (Cyancobalamin)	150 ug/Kg
Choline	1 300 mg/Kg



Calculated Fatty Acid Composition	
Myristic Acid 14:0	0.03%
Palmitic Acid 16:0	0.87%
Stearic Acid 18:0	0.42%
Palmitoleic Acid 16:1	0.01%
Oleic Acid 18:1	3.60%
Gadoleic Acid 20:1	0.10%
Linoleic Acid 18:2 n6	2.68%
a Linolenic Acid 18:3 n3	0.24%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.02%
DHA 22:6 n3	0.04%
Total n3	0.31%
Total n6	2.68%
Total Mono Unsaturated Fats	3.73%
Total Polyunsaturated Fats	2.99%
Total Saturated Fats	1.58%

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.

