



**Diet**  
**SF12-007**

**TD.88051 Equivalent**

A diet designed to equivalent to TD. 88051. Some modifications have been made to the original formulation to locally available raw materials.

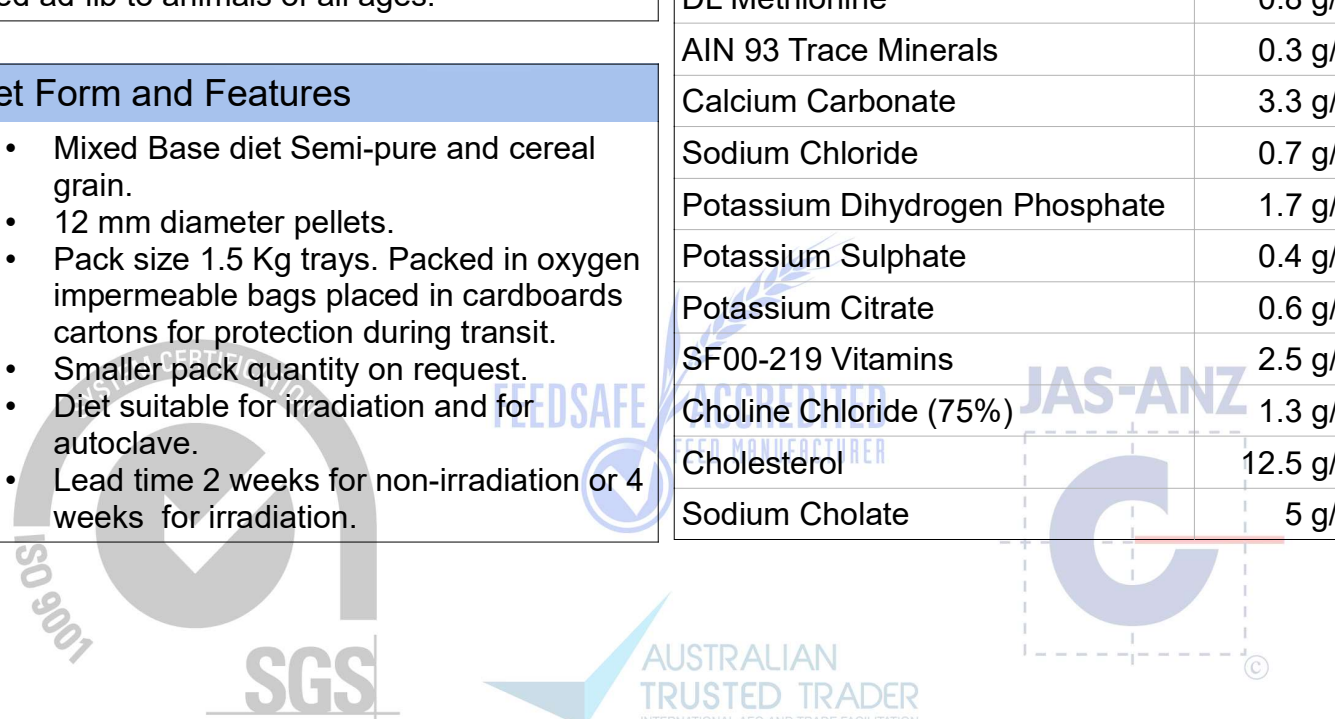
- Purina Diet 5015 has been replaced with Specialty Feeds high fat rodent diet SF06-105. See SF06-105 data sheet for more details about this diet.
- This diet is formulated to match the diet reported by Paigen et al., Atherosclerosis 57: 65-73 and 68: 231-240 1987.
- This diet is also equivalent to Research Diets C13002.

Calculated Nutritional Parameters	
Protein	22.5%
Total Fat	15.0%
Crude Fibre	3.7%
AD Fibre	5.0%
Digestible Energy	16.9 MJ / Kg

Feeding Recommendations
Feed ad-lib to animals of all ages.

Diet Form and Features
<ul style="list-style-type: none"> <li>• Mixed Base diet Semi-pure and cereal grain.</li> <li>• 12 mm diameter pellets.</li> <li>• Pack size 1.5 Kg trays. Packed in oxygen impermeable bags placed in cardboards cartons for protection during transit.</li> <li>• Smaller pack quantity on request.</li> <li>• Diet suitable for irradiation and for autoclave.</li> <li>• Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.</li> </ul>

Ingredients	
SF06-105	750 g/Kg
Casein	75 g/Kg
Sucrose	16.3 g/Kg
Dextrose	25 g/Kg
Cocoa Butter	75 g/Kg
Cellulose	12.5 g/Kg
Dextrinised Starch	17.3 g/Kg
DL Methionine	0.8 g/Kg
AIN 93 Trace Minerals	0.3 g/Kg
Calcium Carbonate	3.3 g/Kg
Sodium Chloride	0.7 g/Kg
Potassium Dihydrogen Phosphate	1.7 g/Kg
Potassium Sulphate	0.4 g/Kg
Potassium Citrate	0.6 g/Kg
SF00-219 Vitamins	2.5 g/Kg
Choline Chloride (75%)	1.3 g/Kg
Cholesterol	12.5 g/Kg
Sodium Cholate	5 g/Kg



Calculated Amino Acids	
Valine	1.10%
Leucine	1.70%
Isoleucine	0.90%
Threonine	0.80%
Methionine	0.47%
Cystine	0.33%
Lysine	1.30%
Phenylalanine	1.00%
Tyrosine	0.90%
Histidine	0.62%
Tryptophan	0.25%

Calculated Total Minerals	
Calcium	0.70%
Phosphorous	0.64%
Magnesium	0.15%
Sodium	0.20%
Potassium	0.57%
Sulphur	0.28%
Iron	145 mg/Kg
Copper	20 mg/Kg
Iodine	0.4 mg/Kg
Manganese	94 mg/Kg
Cobalt	0.4 mg/Kg
Zinc	85 mg/Kg
Molybdenum	0.4 mg/Kg
Selenium	0.5 mg/Kg
Cadmium	0.02 mg/Kg
Chromium	0.2 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	10 890 IU/Kg
Vitamin D (Cholecalciferol)	1 770 IU/Kg
Vitamin E (a Tocopherol acetate)	103 mg/Kg
Vitamin K (Menadione)	18 mg/Kg
Vitamin C (Ascorbic acid)	175 mg/Kg
Vitamin B1 (Thiamine)	66 mg/Kg
Vitamin B2 (Riboflavin)	27 mg/Kg
Niacin (Nicotinic acid)	125 mg/Kg
Vitamin B6 (Pryridoxine)	24 mg/Kg
Pantothenic Acid	54 mg/Kg
Biotin	325 ug/Kg
Folic Acid	4 mg/Kg
Inositol	14 mg/Kg
Vitamin B12 (Cyanocobalamin)	118 ug/Kg
Choline	1 870 mg/Kg

Calculated Fatty Acid Composition	
Saturated Fats C12:0 and less	0.04%
Myristic Acid 14:0	0.08%
Palmitic Acid 16:0	2.82%
Stearic Acid 18:0	3.00%
Palmitoleic Acid 16:1	0.06%
Oleic Acid 18:1	5.80%
Gadoleic Acid 20:1	0.06%
Linoleic Acid 18:2 n6	2.23%
a Linolenic Acid 18:3 n3	0.40%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.04%
DHA 22:6 n3	0.09%
Total n3	0.54%
Total n6	2.23%
Total Mono Unsaturated Fats	5.92%
Total Polyunsaturated Fats	2.77%
Total Saturated Fats	6.16%

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.