



Diet SF15-095 Semi-Pure Rodent Diet Equivalent to SDS 824053

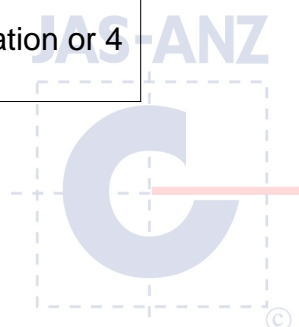
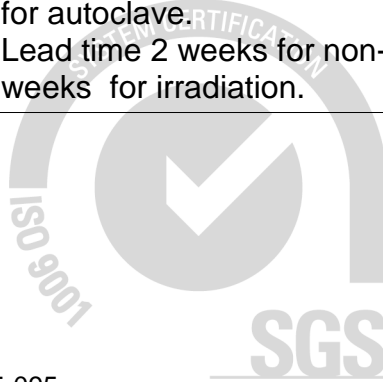
A semi-pure high fat diet formulation for laboratory rats and mice designed to be equivalent to SDS 824053. Some modifications have been made to the original formulation to suit locally available raw materials.

- Diet used AIN93G vitamins and Mineral at an increased inclusion rate similar to SDS824053 inclusion rate.
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Calculated Nutritional Parameters	
Protein	26.1%
Total Fat	22.1%
Crude Fibre	5.7%
AD Fibre	5.7%
Digestible Energy	19.3 MJ / Kg
% Total calculated digestible energy from lipids	42.0%
% Total calculated digestible energy from protein	23.4%

Ingredients	
Casein (Acid)	265 g/Kg
Sucrose	100 g/Kg
Soya Bean Oil	43.2 g/Kg
Lard	179 g/Kg
Cellulose	61.7 g/Kg
Rice Starch	297 g/Kg
L Methionine	4.0 g/Kg
Calcium Carbonate	16.2 g/Kg
Sodium Chloride	3.2 g/Kg
AIN93 Trace Minerals	1.7 g/Kg
Potassium Citrate	3.1 g/Kg
Potassium Dihydrogen Phosphate	8.5 g/Kg
Potassium Sulphate	2.0 g/Kg
Choline Chloride (75%)	3.0 g/Kg
AIN93 Vitamins	12.3 g/Kg

Diet Form and Features
<ul style="list-style-type: none"> • Semi pure high fat diet. 12 mm diameter pellets. • Pack size 1.5 Kg trays, 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 Amino Acids	
Valine	1.75%
Leucine	2.42%
Isoleucine	1.41%
Threonine	1.04%
Methionine	1.11%
Cystine	0.21%
Lysine	1.83%
Phenylalanine	1.33%
Tyrosine	1.48%
Tryptophan	0.34%
Histidine	0.80%

Calculated Total Minerals	
Calcium	0.86%
Phosphorous	0.40%
Magnesium	0.07%
Sodium	0.14%
Chloride	0.20%
Potassium	0.47%
Sulphur	0.29%
Iron	60 mg/Kg
Copper	8.5 mg/Kg
Iodine	0.2 mg/Kg
Manganese	22 mg/Kg
Cobalt	No data
Zinc	59 mg/Kg
Molybdenum	0.18 mg/Kg
Selenium	0.4 mg/Kg
Cadmium	No data
Chromium	1.2 mg/Kg
Fluoride	1.2 mg/Kg
Lithium	0.1 mg/Kg
Boron	1.7 mg/Kg
Nickel	0.6 mg/Kg
Vanadium	0.1 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	4 940 IU/Kg
Vitamin D (Cholecalciferol)	1 230 IU/Kg
Vitamin E (a Tocopherol acetate)	94 mg/Kg
Vitamin K (Menadione)	1.2 mg/Kg
Vitamin C (Ascorbic acid)	None added
Vitamin B1 (Thiamine)	7.5 mg/Kg
Vitamin B2 (Riboflavin)	7.8 mg/Kg
Niacin (Nicotinic acid)	37 mg/Kg
Vitamin B6 (Pryridoxine)	8.9 mg/Kg
Pantothenic Acid	20 mg/Kg
Biotin	247 ug/Kg
Folic Acid	2.5 mg/Kg
Inositol	None added
Vitamin B12 (Cyanocobalamin)	127 ug/Kg
Choline	2 320 mg/Kg

Calculated Fatty Acid Composition	
Saturated Fats C12:0 or less	0.06%
Myristic Acid 14:0	0.27%
Palmitic Acid 16:0	5.19%
Stearic Acid 18:0	3.25%
Palmitoleic Acid 16:1	0.31%
Oleic Acid 18:1	7.03%
Gadoleic Acid 20:1	0.14%
Linoleic Acid 18:2 n6	4.78%
a Linolenic Acid 18:3 n3	0.54%
EPA 20:5 n3	No data
DHA 22:6 n3	No data
Total n3	0.57%
Total n6	4.80%
Cholesterol	0.02%
Total Mono Unsaturated Fats	7.55%
Total Polyunsaturated Fats	5.47%
Total Saturated Fats	8.93%

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.