



Diet **No Added Vitamin A Modification of AIN93G** **SF08-014** **Rodent Diet**

A semi-pure diet formulation for laboratory rats and mice based on AIN-93G.

- Vitamin A has been excluded from the vitamin premix used in this diet.

Calculated Nutritional Parameters		Ingredients	
Protein	17.90%	Casein (Acid)	200 g/Kg
Total Fat	7.00%	Sucrose	100 g/Kg
Total Digestible Carbohydrate as defined by FSANZ Standard 1.2.8	56.8%	Canola Oil	70 g/Kg
Crude Fibre	4.7%	Cellulose	50 g/Kg
AD Fibre	4.7%	Wheat Starch	404 g/Kg
Net Metabolisable Energy	14.3 MJ/Kg	Dextrinised Starch	132 g/Kg
Digestible Energy	15.8 MJ / Kg	DL Methionine	3.0 g/Kg
% Total calculated digestible energy from lipids	16.00%	Calcium Carbonate	13.1 g/Kg
% Total calculated digestible energy from protein	19.00%	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
		Modified AIN93 Vitamins No Vitamin A	10 g/Kg

Diet Form and Features

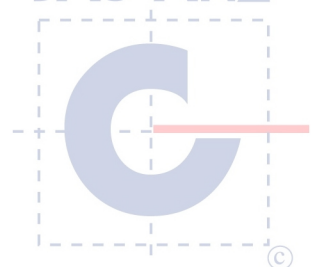
- Semi pure diet. 12 mm diameter pellets.
- Pack size 5 Kg, vacuum packed in oxygen impermeable plastic bags, under nitrogen. Bags are packed into cardboard cartons to protect them during transit. Smaller pack quantity on request.
- Diet suitable for irradiation but not suitable for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.
- Diet is light green in colour



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Calculated Amino Acids as Fed	
Valine	1.20%
Leucine	1.80%
Isoleucine	1.00%
Threonine	0.80%
Methionine	0.89%
Cysteine	0.06%
Lysine	1.60%
Phenylalanine	1.00%
Tyrosine	1.20%
Tryptophan	0.20%
Arginine	0.60%
Histidine	0.40%

Calculated Total Vitamins as Fed	
Vitamin A (Retinol)	None added
Vitamin D (Cholecalciferol)	1 000 IU/Kg
Vitamin E (a Tocopherol acetate)	78 mg/Kg
Vitamin K (Menadione)	1 mg/Kg
Vitamin C (Ascorbic acid)	None added
Vitamin B1 (Thiamine)	6.1 mg/Kg
Vitamin B2 (Riboflavin)	6.3 mg/Kg
Niacin (Nicotinic acid)	30 mg/Kg
Vitamin B6 (Pryridoxine)	7 mg/Kg
Pantothenic Acid	16 mg/Kg
Biotin	200 ug/Kg
Folic Acid	2 mg/Kg
Inositol	None added
Vitamin B12 (Cyanocobalamin)	1030 ug/Kg
Choline	2 000 mg/Kg

Calculated Total Minerals as Fed	
Calcium	0.48%
Phosphorous	0.32%
Magnesium	0.07%
Sodium	0.15%
Chloride	0.16%
Potassium	0.40%
Sulphur	0.23%
Iron	68 mg/Kg
Copper	7.0 mg/Kg
Iodine	0.2 mg/Kg
Manganese	19 mg/Kg
Cobalt	No data
Zinc	46 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	2.4 mg/Kg
Nickel	0.5 mg/Kg †
Vanadium	0.1 mg/Kg †

Calculated Fatty Acid Composition as Fed	
Myristic Acid 14:0	No data
Palmitic Acid 16:0	0.30%
Stearic Acid 18:0	0.10%
Palmitoleic Acid 16:1	No data
Oleic Acid 18:1	3.90%
Gadoleic Acid 20:1	0.07%
Linoleic Acid 18:2 n6	1.51%
a Linolenic Acid 18:3 n3	0.98%
Arachadonic Acid 20:4 n6	No data
EPA 20:5 n3	No data
DHA 22:6 n3	No data
Total n3	0.98%
Total n6	1.53%
Total Mono Unsaturated Fats	3.98%
Total Polyunsaturated Fats	2.50%
Total Saturated Fats	0.50%

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.