

DESCRIPTION

TestDiet® AIN-93M Maintenance Purified Diet is the maintenance diet for rodents recommended by the American Institute of Nutrition.

Formula introduced in 1993 by Reeves et al. in "AIN-93 purified diets for laboratory rodents: Final report of the American Institute of Nutrition and ad hoc writing committee on the reformulation of the AIN-76A diet."

Intended for rodents in a laboratory setting.

CAUTION: Contains a new animal drug for investigational use only in laboratory research animals or for tests in vitro. Not for use in humans.

Storage conditions are particularly critical to TestDiet® products, due to the absence of antioxidants or preservative agents. To provide maximum protection against possible changes during storage, store in a dry, cool location. Storage under refrigeration (2° C) is recommended. Maximum shelf life is six months. (If long term studies are involved, storing the diet at -20° C or colder may prolong shelf life.) Be certain to keep in air tight containers.

Product Forms Available* Catalog

1/2" Pellet	7603
1/2" Pellet, 5 kg Heat Sealed	1816527
1/2" Pellet, Irradiated	1810541
3/16" Pellet	1812811
3/8" Pellet	1815376
Meal	1810540
Meal, Irradiated	1810542

*Other Forms Available On Request

INGREDIENTS (%)

Corn Starch	46.5692
Maltodextrin	15.5000
Casein - Vitamin Tested	14.0000
Sucrose	10.0000
Powdered Cellulose	5.0000
Soybean Oil	4.0000
AIN 93M Mineral Mix	3.5000
AIN 93 Vitamin Mix	1.0000
Choline Bitartrate	0.2500
L-Cystine	0.1800
t-Butylhydroquinone	0.0008

*See page 2 for Expanded Ingredient Listings

FEEDING DIRECTIONS

Feed ad libitum to mice and rats. Plenty of fresh, clean water should be available at all times.

CAUTION:

Perishable - store properly upon receipt.

For laboratory animal use only; NOT for human consumption.

2/23/2023

NUTRITIONAL PROFILE ¹

Protein, %	13.0	Minerals	
Arginine, %	0.49	Calcium, %	0.51
Histidine, %	0.36	Phosphorus, %	0.31
Isoleucine, %	0.67	Potassium, %	0.36
Leucine, %	1.21	Magnesium, %	0.05
Lysine, %	1.02	Sodium, %	0.14
Methionine, %	0.36	Chloride, %	0.23
Cystine, %	0.23	Fluorine, ppm	1.0
Phenylalanine, %	0.67	Iron, ppm	39
Tyrosine, %	0.71	Zinc, ppm	35
Threonine, %	0.54	Manganese, ppm	11
Tryptophan, %	0.15	Copper, ppm	6.0
Valine, %	0.80	Cobalt, ppm	0.0
Alanine, %	0.39	Iodine, ppm	0.21
Aspartic Acid, %	0.90	Chromium (added), ppm	1.0
Glutamic Acid, %	2.86	Molybdenum, ppm	0.14
Glycine, %	0.27	Selenium, ppm	0.22
Proline, %	1.65		
Serine, %	0.77	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	4.0
		Vitamin D-3 (added), IU/g	1.0
Fat, %	4.1	Vitamin E, IU/kg	78.8
Cholesterol, ppm	0	Vitamin K, ppm	0.75
Linoleic Acid, %	2.04	Thiamin, ppm	4.8
Linolenic Acid, %	0.31	Riboflavin, ppm	6.5
Arachidonic Acid, %	0.00	Niacin, ppm	30
Omega-3 Fatty Acids, %	0.31	Pantothenic Acid, ppm	16
Total Saturated Fatty A	0.60	Folic Acid, ppm	2.1
Total Monounsaturated		Pyridoxine, ppm	5.8
Fatty Acids, %	0.88	Biotin, ppm	0.2
Polyunsaturated Fatty Acids, %	2.16	Vitamin B-12, mcg/kg	27
		Choline Chloride, ppm	1,250
Fiber (max), %	5.0	Ascorbic Acid, ppm	0.0
Carbohydrates, %	72.2		
Energy (kcal/g) ²	3.77		
From:	kcal	%	
Protein	0.518	13.7	
Fat (ether extract)	0.368	9.8	
Carbohydrates	2.888	76.5	

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly. Nutrients expressed as percent of ration on an As-Fed basis except where otherwise indicated.

2. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.

NOTE: When assayed, actual levels may vary from calculated values.

TestDiet

www.testdiet.com

EXPANDED INGREDIENT LIST

AIN-93M Mineral Mix

Calcium Carbonate, Monopotassium Phosphate, Sucrose, Sodium Chloride, Potassium Sulfate, Potassium Citrate Monohydrate, Magnesium oxide, Ferric Citrate, Zinc Carbonate, Sodium Metasilicate, Manganese Carbonate, Copper Carbonate, Chromium Potassium Sulfate, Boric Acid, Sodium Fluoride, Nickel Carbonate, Lithium Chloride, Sodium Selenate, Potassium Iodate, Ammonium Molybdate, Ammonium Vanadate

AIN 93 Vitamin Mix

Sucrose, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Phylloquinone (Form of Vitamin K), Nicotinic Acid, Calcium Pantothenate, Vitamin A Palmitate, Pyridoxine Hydrochloride, Thiamin Hydrochloride, Riboflavin, Vitamin B-12 Supplement, Folic Acid, Cholecalciferol, Biotin.