

DESCRIPTION

Basal Diet 5755 is a purified, synthetic diet that provides all the essential nutrients to support maintenance, growth, gestation and lactation in laboratory mice and rats.

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	7024
1/2" Pellet, 2kg HS	1817782-299
1/2" Pellet, Irradiated	54296
1/2" Pellet, Irradiated, 2 kg HS	1817782-293
Meal	6991
Meal, Irradiated	48907

*Other Forms Available On Request

INGREDIENTS (%)	
Dextrin	43.6500
Casein - Vitamin Tested	21.0000
Sucrose	15.0000
RP Mineral Mix #10 (adds 1.29% fiber)	5.0000
Lard	5.0000
Corn Oil	5.0000
Powdered Cellulose	3.0000
RP Vitamin Mix (adds 1.94% sucrose)	2.0000
Choline Chloride	0.2000
DL-Methionine	0.1500

*See page 2 for Expanded Ingredient Listings

FEEDING DIRECTIONS

Feed ad libitum. 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.

2/24/2023

NUTRITIONAL PROFILE ¹

Protein, %	18.6	Minerals	
Arginine, %	0.73	Calcium, %	0.61
Histidine, %	0.54	Phosphorus, %	0.57
Isoleucine, %	1.00	Potassium, %	0.40
Leucine, %	1.82	Magnesium, %	0.07
Lysine, %	1.53	Sodium, %	0.24
Methionine, %	0.69	Chloride, %	0.30
Cystine, %	0.08	Fluorine, ppm	5.0
Phenylalanine, %	1.00	Iron, ppm	67
Tyrosine, %	1.06	Zinc, ppm	27
Threonine, %	0.81	Manganese, ppm	65
Tryptophan, %	0.23	Copper, ppm	15.0
Valine, %	1.20	Cobalt, ppm	3.2
Alanine, %	0.58	Iodine, ppm	0.57
Aspartic Acid, %	1.35	Chromium (added), ppm	3.0
Glutamic Acid, %	4.29	Molybdenum, ppm	0.82
Glycine, %	0.41	Selenium, ppm	0.30
Proline, %	2.47		
Serine, %	1.16	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	22.1
		Vitamin D-3 (added), IU/g	2.2
Fat, %	10.0	Vitamin E, IU/kg	55.2
Cholesterol, ppm	48	Vitamin K, ppm	10.40
Linoleic Acid, %	3.34	Thiamin, ppm	18.8
Linolenic Acid, %	0.07	Riboflavin, ppm	20.7
Arachidonic Acid, %	0.01	Niacin, ppm	90
Omega-3 Fatty Acids, %	0.07	Pantothenic Acid, ppm	56
Total Saturated Fatty A	2.72	Folic Acid, ppm	4.2
Total Monounsaturated		Pyridoxine, ppm	16.5
Fatty Acids, %	3.31	Biotin, ppm	0.4
Polyunsaturated Fatty Acids, %	3.42	Vitamin B-12, mcg/kg	23
		Choline Chloride, ppm	1,400
Fiber (max), %	4.3	Ascorbic Acid, ppm	0.0
Carbohydrates, %	60.6		
Energy (kcal/g) ²	4.07		
From:	kcal	%	
Protein	0.745	18.3	
Fat (ether extract)	0.900	22.1	
Carbohydrates	2.424	59.6	

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.

EXPANDED INGREDIENT LIST

RP Vitamin Mix	Sucrose, Inositol, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Nicotinic Acid, Calcium Pantothenate, Vitamin A Acetate, Thiamin Monohydrate, Pyridoxine Hydrochloride, Riboflavin Supplement, Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K), Cholecalciferol, Folic Acid, Vitamin B-12 Supplement, Biotin.
RP Mineral Mix #10	Powdered Cellulose, Calcium Carbonate, Potassium Phosphate, Calcium Phosphate, Sodium Phosphate, Magnesium Sulfate, Sodium Chloride, Ferric Citrate, Manganese Sulfate, Zinc Chloride, Copper Sulfate, Chromium Chloride, Cobalt Chloride, Sodium Fluoride, Ammonium Molybdate, Potassium Iodide, Sodium Selenite.