

Additional file 1: description of the low protein diet

Modification of TestDiet® AIN-93M w/ No Protein

5B6A

DESCRIPTION

Mod TestDiet® AIN-93M without protein.

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 #**
Meal, Irradiated 1813232

*Other Forms Available On Re INGREDIENTS (%)

Corn Starch	60.5692
Dextrin	15.5000
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

NUTRITIONAL PROFILE ¹

Protein, %	0.7	Minerals	
Arginine, %	0.00	Calcium, %	0.50
Histidine, %	0.00	Phosphorus, %	0.20
Isoleucine, %	0.00	Phosphorus (available), %	0.00
Leucine, %	0.00	Potassium, %	0.36
Lysine, %	0.00	Magnesium, %	0.05
Methionine, %	0.00	Sodium, %	0.14
Cystine, %	0.18	Chloride, %	0.20
Phenylalanine, %	0.00	Fluorine, ppm	1.0
Tyrosine, %	0.00	Iron, ppm	35
Threonine, %	0.00	Zinc, ppm	30
Tryptophan, %	0.00	Manganese, ppm	11
Valine, %	0.00	Copper, ppm	6.0
Alanine, %	0.00	Cobalt, ppm	0.0
Aspartic Acid, %	0.00	Iodine, ppm	0.21
Glutamic Acid, %	0.00	Chromium, ppm	1.0
Glycine, %	0.00	Molybdenum, ppm	0.14
Proline, %	0.00	Selenium, ppm	0.17
Serine, %	0.00		
Taurine, %	0.00	Vitamins	
		Vitamin A, IU/g	4.0
Fat, %	4.1	Vitamin D-3 (added), IU/g	1.0
Cholesterol, ppm	0	Vitamin E, IU/kg	78.8
Linoleic Acid, %	2.04	Vitamin K (as menadione), ppm	0.29
Linolenic Acid, %	0.31	Thiamin Hydrochloride, ppm	6.0
Arachidonic Acid, %	0.00	Riboflavin, ppm	6.0
Omega-3 Fatty Acids, %	0.31	Niacin, ppm	30
Total Saturated Fatty A	0.80	Pantothenic Acid, ppm	15
Total Monounsaturated Fatty Acids, %	0.88	Folic Acid, ppm	2.0
Polyunsaturated Fatty Acids, %	2.16	Pyridoxine, ppm	5.8
		Biotin, ppm	0.2
Fiber (max), %	5.1	Vitamin B-12, mcg/kg	25
		Choline Chloride, ppm	1,250
Carbohydrates, %	87.0	Ascorbic Acid, ppm	0.0
Energy (kcal/g) ²	3.85		
From:	kcal	%	
Protein	0.029	0.8	
Fat (ether extract)	0.371	9.6	
Carbohydrates	3.462	89.7	

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.

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.

2/4/2010



TestDiet
www.testdiet.com