



Product Data - D10001

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Description

AIN-76A- widely used, balanced, purified rodent diet.

Used in Research

Obesity
Diabetes
Osteoporosis
Hypertension
Atherosclerosis
Metabolic Syndrome

Packaging

Product is packed in 12.5 kg box.
Each box is identified with the product name, description, lot number and expiration date.

Lead Time

IN-STOCK.
Ready for next day shipment.

Gamma-Irradiation

Yes. Add 10 days to delivery time.

Form

Pellet, Powder, Liquid

Shelf Life

Most diets require storage in a cool dry environment. Stored correctly they should last 6 months.

Control Diets

Used as a control diet, compound addition, for imaging studies, phytoestrogen-free diet.

Formula

Product # D10001	gm%	kcal%
Protein	20.3	20.8
Carbohydrate	66.0	67.7
Fat	5.0	11.5
Total kcal/gm	3.90	100.0
Ingredient	gm	kcal
Casein, 30 Mesh	200	800
DL-Methionine	3	12
Corn Starch	150	600
Sucrose	500	2000
Cellulose, BW 200	50	0
Corn Oil	50	450
Mineral Mix S10001	35	0
Vitamin Mix V10001	10	40
Choline Bitartrate	2	0
Total	1000	3902

References

D10001 (a.k.a. AIN-76A)

1. American Institute of Nutrition. AIN report of the AIN ad hoc committee on standards for nutritional studies. J. Nutr. 107: 1340-1348, 1977.
2. American Institute of Nutrition. AIN second report of the AIN ad hoc committee on standards for nutritional studies. J. Nutr. 110:1726, 1980.
3. Clinton SK, Mulloy AL, Li SP, Manglan HJ, & Visek WJ. Dietary Fat and Protein Intake Differ in Modulation of Prostate Tumor Growth, Prolactin Secretion and Metabolism, and Prostate Gland Prolactin Binding Capacity in Rats. J. Nutr. 127:225-237, 1997.