



**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 3-6 months.

**Control Diets**

Used as a control diet

**Formula**

Product #	D10001	
	gm%	kcal%
Protein	20.3	20.8
Carbohydrate	66.0	67.7
Fat	5.0	11.5
	<b>Total</b>	
	kcal/gm	3.90
Ingredient	gm	kcal
Casein, 30 Mesh	200	800
DL-Methionine	3	12
Corn Starch	150	600
Sucrose	500	2000
Cellulose, BW200	50	0
Corn Oil	50	450
Mineral Mix S10001	35	0
Vitamin Mix V10001	10	40
Choline Bitartrate	2	0
<b>Total</b>	<b>1000</b>	<b>3902</b>

**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.



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