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## TECHNICAL INFORMATION

Catalog Number: 02960470

### **AIN-76A Diet with 0.2% Adenine and 1.8% P**

**Description:** Long-term feeding of adenine to rodents produced metabolic abnormalities resembling chronic renal failure in humans. Among the disturbances produced were azotemia, accumulation of uremic toxins, metabolic imbalances of amino acids and electrolytes, and hormonal imbalances.

#### **Composition:**

<b><i>Ingredient</i></b>	<b><i>Amount</i></b>
Casein	18.92%
DL-Methionine	0.28%
Sucrose	37.84%
Cornstarch	14.19%
Dyetrose	9.46%
Corn Oil	4.73%
Cellulose	4.73%
AIN-76 Mineral Mixture (composition below)	3.31%
Dicalcium Phosphate	50.00% (of total mineral mixture)
Sodium Chloride	7.40% (of total mineral mixture)
Potassium Citrate	22.00% (of total mineral mixture)
Potassium Sulfate	5.20% (of total mineral mixture)
Magnesium Oxide	2.40% (of total mineral mixture)
Manganous Carbonate	0.35% (of total mineral mixture)
Ferric Citrate	0.60% (of total mineral mixture)
Zinc Carbonate	0.16% (of total mineral mixture)
Copper Carbonate	0.03% (of total mineral mixture)
Potassium Iodate	0.00% (of total mineral mixture)
Sodium Selenite	0.00% (of total mineral mixture)
Chromium Potassium Sulfate	0.06% (of total mineral mixture)
Powdered Sugar	11.80% (of total mineral mixture)
AIN-76A Vitamin Mixture (composition below)	0.95%

Thiamine Hydrochloride	0.06% (of total vitamin mixture)
Riboflavin	0.06% (of total vitamin mixture)
Pyridoxine Hydrochloride	0.07% (of total vitamin mixture)
Niacin	0.30% (of total vitamin mixture)
D Calcium Pantothenate	0.16% (of total vitamin mixture)
Folic Acid	0.02% (of total vitamin mixture)
Biotin	0.0020% (of total vitamin mixture)
Vitamin B-12 (0.1% trit)	0.10% (of total vitamin mixture)
Vitamin A Palmitate (250,000 u/gm)	0.16% (of total vitamin mixture)
Alpha Tocopherol Powder (250 u/gm)	2.00% (of total vitamin mixture)
Vitamin D3 (400,000 u/gm)	0.02% (of total vitamin mixture)
Menadione	0.0050% (of total vitamin mixture)
Q'S with Powder Sugar	97.04% (of total vitamin mixture)
Choline Bitartrate	0.19%
Potassium Phosphate, Monobasic	5.18%
Adenine	0.20%
Blue Dye	0.01%

**Availability:**

**Catalog Number**

02960470

**Description**

AIN-76A Diet with 0.2% Adenine and  
1.8% P, Pelleted

**Sizes**

1 kg  
10 kg  
20 kg  
50 kg