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## TECHNICAL INFORMATION

Catalog Number: 02960454

### **10 Kcal% Fat Diet (Matching with 60 Kcal% High Fat Diet)**

**Description:** Genetic and environmental factors play an important role in the occurrence of obesity. Diet is one of the main environmental factors that induce obesity and related metabolic diseases. Studies have shown that the continuous growth of fat intake is easy to cause weight gain, which leads to obesity and its related metabolic diseases. Rodents have significant weight gain when fed with high-fat diet, so rodent model is widely used in the study of the pathogenesis and treatment of diet induced obesity (DIO).

#### **Composition:**

<b><i>Ingredient</i></b>	<b><i>Amount</i></b>
Casein, Lactic, 30 Mesh	18.96%
Cystine, L	0.28%
Starch, Corn	47.98%
Maltodextrin	11.85%
Sucrose, Fine Granulated	6.90%
Alphacel Non-Nutritive Bulk	4.74%
Soybean Oil, USP	2.37%
Lard	1.90%
AIN-76 Mineral Mixture (composition below)	4.74%
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)
Choline Bitartrate	0.19%
AIN-76 Vitamin Mixture (composition below)	0.09%
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	0.0005% (of total vitamin mixture)
Q'S with Powder Sugar	97.05% (of total vitamin mixture)
Menadione Sodium Bisulfite	0.0075%
Blue Dye	0.0047%

Availability:

Catalog Number	Description	Sizes
02960454	10 Kcal% Fat Diet (Matching with 60	1 kg
	Kcal% High Fat Diet), Pelleted	10 kg
		20 kg
		50 kg