

# Purified Rodent Diet AIN-93G

for Rats and Mice Diets



AIN-93G was the first of two open formulations published by the American Institute of Nutrition (AIN) committee in 1993 improving the laboratory standard, AIN-76A diet. AIN-93G is designed to accommodate the increased nutritional demands of rat or mouse growth as well as females who are pregnant or lactating, hence the "G" designation.

## Dietary Ingredient Composition (% by Weight)

Corn Sugar	39.75	Solka Floc-40	5.00	L-Cystine	0.30
Casein Lactic	20.00	AIN-93 Mineral Mix	3.50	Choline Bitartrate	0.25
Granular Sugar	10.00	AIN-93 Vitamin Mix	1.00	Soy Oil	7.00
Dextrin	13.20				

## Calculated Nutrient Composition

Amino Acid Concentration (% of total diet)		Mineral Concentration		Vitamin Concentration	
Arginine	0.70	Calcium %	0.52	Vitamin A IU/g	4.00
Lysine	1.48	Phosphorous %	0.20	Vitamin D <sub>3</sub> IU/g	1.00
Methionine	0.56	Potassium %	0.38	Alpha-Tocopherol IU/kg	75.00
Cystine	0.30	Sodium %	0.11	Thiamine ppm	5.00
Tryptophan	0.21	Magnesium %	0.05	Riboflavin ppm	6.00
Histidine	0.51	Iron ppm	52.02	Niacin ppm	30.00
Leucine	1.76	Zinc ppm	36.76	Pantothenic Acid ppm	15.00
Isoleucine	1.14	Manganese ppm	11.33	Choline ppm	1000.00
Phenylalanine	0.96	Copper ppm	6.73	Pyrodoxine ppm	6.00
Tyrosine	0.98	Cobalt ppm	0.02	Folic Acid ppm	2.00
Threonine	0.76	Iodine ppm	0.21	Biotin ppm	0.20
Valine	1.00			Vitamin B12 Mcg/kg	25.00
				Vitamin K ppm	0.90
				Gross Energy Kcal/gm	3.80



### Packaging

Fiberboard Drum

### Particle Size

1/2" Pellet or Meal

### Guaranteed Analysis

Crude Protein	Minimum	17.9%
Crude Fat	Minimum	7.0%
Crude Fiber	Maximum	4.8%
Moisture	Maximum	7.0%
Ash	Maximum	4.2%

### Storage

- Best if used within nine (9) months from date of manufacture.
- Sealed bags should be stored in a well-ventilated area in a cool, dry area away from direct sun light. Keep bags elevated from direct contact with floors and walls, protected from moisture and pests.

527500 08/10