

Purified Rodent Diet AIN-93M



Product Description

AIN-93M is the second of two open formulations, published by the American Institute of Nutrition (AIN) committee in 1993 improving the AIN-76A standard diet. AIN-93M was structured to provide nutrients in concentrations required just to maintain adult rat or mouse populations, hence the “M” designation.

Dietary Ingredients

Corn Starch	46.57	Solka Floc-40	5.00
Casein Lactic	14.00	Soy Oil	4.00
Dextrin	15.50	AIN-93 Mineral Mix	3.50
AIN-93 Vitamin Mix	1.00	L- Cystine	0.18
Granular Sugar	10.00	Choline Bitartrate	0.25

Calculated Nutrient Composition

Amino Acids (% of total diet)

Arginine	0.45
Lysine	0.92
Methionine	0.33
Cystine	0.24
Tryptophan	0.16
Histidine	0.33
Leucine	1.09
Isoleucine	0.59
Phenylalanine	0.62
Tyrosine	0.66
Threonine	0.47
Valine	0.70

Vitamins

Vitamin A	IU/g	4.00
Vitamin D3	IU/g	1.00
Alpha-Tocopherol	IU/kg	75.00
Thiamine	ppm	5.00
Riboflavin	ppm	6.00
Niacin	ppm	30.00
Pantothenic Acid	ppm	15.00
Choline	ppm	1000.00
Pyridoxine	ppm	6.00
Folic Acid	ppm	2.00
Biotin	ppm	0.20
Vitamin B12	mcg/kg	25.00
Vitamin K	ppm	0.86

Gross Energy Kcal/gm 3.60

Minerals

Calcium	%	0.52
Phosphorus	%	0.23
Potassium	%	0.38
Sodium	%	0.11
Magnesium	%	0.05
Iron	ppm	34.25
Zinc	ppm	36.76
Manganese	ppm	11.09
Copper	ppm	6.73
Cobalt	ppm	0.02
Iodine	ppm	0.21

Guaranteed Analyses:

Crude Protein	Minimum	12.6%
Crude Fat	Minimum	4.0%
Crude Fiber	Maximum	4.8%
Moisture	Maximum	7.0%
Ash	Maximum	3.9%