

Purified Rodent Diet AIN-76A

for Rats and Mice Diets



A committee of American Institute of Nutrition (AIN) members formulated and published the formulation for the AIN-76A purified rat and mouse diet. The rationale for publishing the formulation for a purified diet was to provide a standard reference diet that could be used throughout the biomedical research community by researchers who had limited knowledge and experience in diet formulation. The AIN-76A diet has been used successfully in biomedical research since 1975.

DIETARY INGREDIENT COMPOSITION (% BY WEIGHT)

Granular Sugar	50.00	Corn Oil	5.00	AIN-76 Vitamin Mix	1.00
Casein Lactic	20.00	Solka Floc-40	5.00	DL- Methionine	0.30
Corn Starch	15.00	AIN-76 Mineral Mix	3.50	Choline Bitartrate	0.20



Disclaimer: Photos of feed may vary from screen appearance, printing and lot production. This is a visual to give you a representation of particle range and color approximate. Consult your representative for a sample today.

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	%	0.44	Vitamin D ₃	IU/g	1.00
Methionine	0.86	Potassium	%	0.38	Alpha-Tocopherol	IU/kg	64.24
Cystine	0.06	Sodium	%	0.11	Thiamine	ppm	5.90
Tryptophan	0.21	Magnesium	%	0.05	Riboflavin	ppm	6.29
Histidine	0.52	Iron	ppm	34.25	Niacin	ppm	30.15
Leucine	1.76	Zinc	ppm	36.75	Pantothenic Acid	ppm	15.26
Isoleucine	1.14	Manganese	ppm	59.34	Choline	ppm	1040.00
Phenylalanine	0.96	Copper	ppm	6.73	Pyrodoxine	ppm	7.12
Tyrosine	0.98	Cobalt	ppm	0.02	Folic Acid	ppm	2.10
Threonine	0.78	Iodine	ppm	0.21	Biotin	ppm	0.21
Valine	1.34				Vitamin B12	Mcg/kg	10.10
					Vitamin K	ppm	0.50
					Gross Energy	Kcal/gm	4.34

PACKAGING

Fiberboard Drum

PARTICLE SIZE

1/2" Pellet or Meal

GUARANTEED ANALYSIS

Crude Protein	Minimum	16.0%
Crude Fat	Minimum	5.0%
Crude Fiber	Maximum	5.0%
Ash	Maximum	4.0%

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.

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