

Rodent NIH-31 Modified Auto

for Rats and Mice Colonies



Rodent NIH-31M Auto is an open formula, autoclavable diet with a higher energy concentration than NIH-31 diet in order to promote maximum reproduction and growth in both rats and mice reared as models in biomedical research. It contains additional amounts of vitamins to compensate for losses that occur during steam sterilization.

DIETARY INGREDIENT COMPOSITION (% BY WEIGHT)

Ground No. 2 Yellow Corn	20.00	Soybean Meal (47.5%)	5.00	Dicalcium Phosphate	1.50
Ground Whole Wheat	35.17	Soybean Oil	2.50	Limestone	0.50
Ground Whole Oats	10.00	Alfalfa Meal (17%)	2.00	Salt	0.50
Wheat Middlings	10.00	Corn Gluten Meal (60%)	2.00	Premixes	0.63
Fish Meal (60%)	9.00	Brewers Dried Yeast	1.00	Lysine	0.10
				dl-Methionine	0.10



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)

Arginine	1.01
Lysine	0.99
Methionine	0.46
Cystine	0.27
Tryptophan	0.20
Histidine	0.41
Leucine	1.47
Isoleucine	0.79
Phenylalanine	0.82
Tyrosine	0.63
Threonine	0.67
Valine	0.90

Mineral Concentration*

Calcium	%	1.11
Phosphorous	%	0.93
Potassium	%	0.57
Sodium	%	0.28
Magnesium	%	0.22
Iron	ppm	206.00
Zinc	ppm	58.00
Manganese	ppm	152.00
Copper	ppm	17.00
Cobalt	ppm	0.70
Iodine	ppm	1.97

Vitamin Concentration

Vitamin A	IU/g	25.90**
Vitamin D ₃	IU/g	4.10
Alpha-Tocopherol	IU/kg	46.80
Thiamine	ppm	76.90
Riboflavin	ppm	7.60
Niacin	ppm	82.80
Pantothenic Acid	ppm	38.10
Choline	ppm	1880.00
Pyridoxine	ppm	10.60
Folic Acid	ppm	1.56
Biotin	ppm	0.29
Vitamin B12	Mcg/kg	56.00
Vitamin K	ppm	22.00

*Amino acid, mineral and vitamin concentrations are obtained from dietary specifications for laboratory animals prepared by the National Institutes of Health. ** (10.0) True Vitamin A activity by HPLC Method.

Source: NIH. Dietary specifications

Gross Energy Kcal/gm 4.02

PACKAGING

30 lb., 3-ply autoclavable paper bags

PARTICLE SIZE

Binamic Wafer

FEEDING INSTRUCTIONS

Zeigler rodent diets are formulated for ad libitum feeding. Adult rats will consume 15-20 grams of diet per day, while adult mice will consume 4-6 grams of diet per day. Clean, fresh water should be available ad libitum.

GUARANTEED ANALYSIS

Crude Protein	Minimum	18.0%
Crude Fat	Minimum	5.0%
Crude Fiber	Maximum	5.0%
Ash	Maximum	8.0%

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 & walls, protected from moisture & pests.



Zeigler Bros., Inc.
400 Gardners Station Road
Gardners, PA 17324 USA

www.zeiglerfeed.com
info@zeiglerfeed.com

717-677-6181
717-677-6826 fax

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