

# Rodent NIH-07 Open Formula

## for Rats and Mice Colonies



The Rodent NIH-07 Open Formula diet is formulated for reproduction and lactation of both rats and mice. It has been used at the National Institutes of Health as the standard reference diet for biological and biomedical research. It is also recommended for use in production and research rodent colonies.

### DIETARY INGREDIENT COMPOSITION (% BY WEIGHT)

Ground No. 2 Yellow Corn	24.28	Dried Skim Milk	5.00	Dried Molasses	1.50
Ground Whole Wheat	23.00	Corn Gluten Meal (60%)	3.00	Dicalcium Phosphate	1.25
Soybean Meal (47.5%)	12.00	Alfalfa Meal (4%)	4.00	Limestone	0.50
Fish Meal (60%)	10.00	Soy Oil	2.50	Salt	0.50
Wheat Middlings	10.00	Brewers Dried Yeast	2.00	Premixes	0.47



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	1.31	Calcium	% 1.19	Vitamin A	IU/g 8.77
Lysine	1.29	Phosphorous	% 0.96	Vitamin D <sub>3</sub>	IU/g 7.10
Methionine	0.48	Potassium	% 0.83	Alpha-Tocopherol	IU/kg 104.00
Cystine	0.33	Sodium	% 0.31	Thiamine	ppm 15.70
Tryptophan	0.26	Magnesium	% 0.19	Riboflavin	ppm 7.00
Histidine	0.54	Iron	ppm 288.00	Niacin	ppm 70.00
Leucine	1.96	Zinc	ppm 67.00	Pantothenic Acid	ppm 32.70
Isoleucine	1.08	Manganese	ppm 103.00	Choline	ppm 1874.00
Phenylalanine	1.07	Copper	ppm 16.00	Pyridoxine	ppm 10.00
Tyrosine	0.80	Cobalt	ppm 0.68	Folic Acid	ppm 3.00
Threonine	0.90	Iodine	ppm 2.00	Biotin	ppm 0.36
Valine	1.19			Vitamin B12	Mcg/kg 48.00
				Vitamin K	ppm 3.50
				Gross Energy	Kcal/gm 4.08

### PACKAGING

2 - 25 lb. bags per box (Irradiated & Non-Irradiated)  
50 lb., 3-ply paper bags

### PARTICLE SIZE

Wafer or Meal

### GUARANTEED ANALYSIS

Crude Protein	Minimum	22.5%
Crude Fat	Minimum	5.0%
Crude Fiber	Maximum	4.0%
Ash	Maximum	7.5%

### 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.



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