

# Phytoestrogen Reduced I 22.5-5



## Product Description

This rodent diet is specifically formulated for studies where dietary concentrations of naturally occurring phytoestrogens, such as genistein, daidzein or glycitein, can influence experimental results. The formulation of this diet is a modification of the NIH-07 diet where ingredients such as soybean products and alfalfa meal, known to contain these hormones, are not used.

## Dietary Ingredients

Corn, Wheat, Fish Meal, Wheat Middlings, Lactic Casein, Dried Skim Milk, Corn Gluten Meal, Corn Oil, Brewers Dried Yeast, Dry Molasses, Limestone, Salt, Dicalcium Phosphate, Vitamin D3 Supplement, dl-Alpha Tocopheryl Acetate (Vitamin E), Folic Acid, Niacin, Riboflavin, Thiamine, Vitamin B12 Supplement, Pyridoxine, Menadione Sodium Bisulfite Complex (Vitamin K) Vitamin A Palmitate, Choline, Biotin Calcium, Pantothenate, Cobalt Carbonate, Copper Sulfate, Ferrous Sulfate, Manganese Oxide.

## Calculated Nutrient Composition

### Amino Acids (% of total diet)

Arginine	1.14
Lysine	1.43
Methionine	0.59
Cystine	0.27
Tryptophan	0.25
Histidine	0.59
Leucine	2.17
Isoleucine	1.19
Phenylalanine	1.13
Tyrosine	0.95
Threonine	0.95
Valine	1.37

### Vitamins

Vitamin A	IU/g	6.60
Vitamin D3	IU/g	7.10
Alpha-Tocopherol	IU/kg	51.20
Thiamine	ppm	15.70
Riboflavin	ppm	6.80
Niacin	ppm	69.50
Pantothenic Acid	ppm	30.70
Choline	ppm	1563.00
Pyridoxine	ppm	10.00
Folic Acid	ppm	2.80
Biotin	ppm	0.23
Vitamin B12	mcg/kg	48.00
Vitamin K	ppm	3.10

**Gross Energy                      Kcal/gm                      4.10**

### Minerals

Calcium	%	1.10
Phosphorus	%	0.90
Potassium	%	0.52
Sodium	%	0.30
Magnesium	%	0.16
Iron	ppm	300.00
Zinc	ppm	64.00
Manganese	ppm	100.00
Copper	ppm	13.00
Cobalt	ppm	0.60
Iodine	ppm	1.98

## Guaranteed Analyses:

Crude Protein	Minimum	22.5%
Crude Fat	Minimum	5.0%
Crude Fiber	Maximum	3.5%
Ash	Maximum	7.5%