Phytoestrogen Reduced II 18-5

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-31 Modified 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, Oats, Corn Gluten Meal, Corn Oil, Brewers Dried Yeast, Limestone, Salt, Dicalcium Phosphate, Vitamin D3 Supplement, dl-AlphaTocopheryl 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, Magnesium Oxide, Zinc Oxide, Calcium Iodate.

Calculated Nutrient Composition

Amino Acids (% of total diet)

Arginine	0.94
Lysine	0.83
Methionine	0.39
Cystine	0.27
Tryptophan	0.18
Histidine	0.41
Leucine	1.60
Isoleucine	0.76
Phenylalanine	0.83
Tyrosine	0.65
Threonine	0.65
Valine	0.88

Minerals

Calcium	%	1.12
Phosphorus	%	0.95
Potassium	%	0.48
Sodium	%	0.29
Magnesium	%	0.21
Iron	ppm	300.00
Zinc	ppm	61.00
Manganese	ppm	154.00
Copper	ppm	18.00
Cobalt	ppm	0.60
Iodine	ppm	1.98

Vitamins

Vitamin A	IU/g	24.90
Vitamin D3	IU/g	4.20
Alpha-Tocopherol	IU/kg	47.00
Thiamine	ppm	77.70
Riboflavin	ppm	7.30
Niacin	ppm	85.00
Pantothenic Acid	ppm	37.70
Choline	ppm	1857.00
Pyridoxine	ppm	10.80
Folic Acid	ppm	1.64
Biotin	ppm	0.26
Vitamin B12	mcg/kg	57.10
Vitamin K	ppm	22.00

Gross Energy	**Kcal/gm**	**4.02**

Guaranteed Analyses:

Crude Protein	Minimum	18.0%
Crude Fat	Minimum	5.0%
Crude Fiber	Maximum	4.5%
Ash	Maximum	7.5%