

# Ungulate NIH-11



## Product Description

NIH-11 Ungulate diet is formulated for the maintenance of sheep and goats that are used as models in biomedical research, as well as other ungulates with nutrient requirements that are similar to these species.

## Dietary Ingredient

Wheat Middlings, Alfalfa meal, Oat Hulls, Corn, Soybean Meal, Oats, Cane Molasses, Limestone, Salt, Vitamin D3 Supplement, dl-Alpha Tocopheryl Acetate (Vitamin E), Folic Acid, Niacin, Riboflavin, Menadione Sodium Bisulfite Complex (Vitamin K), Thiamine Mononitrate, Vitamin B12 Supplement, Pyridoxine Hydrochloride, Biotin, Vitamin A Acetate, Choline, Calcium Pantothenate, Cobalt Carbonate, Copper Sulfate, Zinc Oxide, Potassium Iodate, Sodium Sulfate.

## Calculated Nutrient Composition

### Amino Acids (% of total diet)

Arginine	0.93
Lysine	0.74
Methionine	0.22
Cystine	0.23
Tryptophan	0.22
Histidine	0.35
Leucine	1.14
Isoleucine	0.69
Phenylalanine	0.69
Tyrosine	0.49
Threonine	0.58
Valine	0.76

### Vitamins

Vitamin A	IU/g	24.20
Vitamin D3	IU/g	1.32
Alpha-Tocopherol	IU/kg	80.40
Thiamine	ppm	14.50
Riboflavin	ppm	10.20
Niacin	ppm	35.00
Pantothenic Acid	ppm	14.70
Choline	ppm	1904.95
Pyridoxine	ppm	10.70
Folic Acid	ppm	2.90
Biotin	ppm	0.38
Vitamin B12	mcg/kg	50.00
Vitamin K	ppm	3.20

**Gross Energy                      Kcal/gm                      2.40**

### Minerals

Calcium	%	1.33
Phosphorus	%	0.62
Potassium	%	1.46
Sodium	%	0.66
Magnesium	%	0.28
Iron	ppm	289.00
Zinc	ppm	156.00
Manganese	ppm	58.60
Copper	ppm	15.54
Cobalt	ppm	0.55
Iodine	ppm	0.69

## Guaranteed Analyses:

Crude Protein	Minimum	14.0%
Crude Fat	Minimum	3.5%
Crude Fiber	Maximum	12.5%
Ash	Maximum	10.0%