



ADULT ANCIENT GRAINS BEEF, BARLEY, & LAMB RECIPE

Nutrition Information Sheet



INGREDIENTS & PACKAGE SIZES



Available Sizes:
3lb, 11lb, & 23lb

Ingredients: Deboned Beef, Chicken Meal, Oats, Barley, Brown Rice, Turkey Meal, Chicken Fat (preserved with Mixed Tocopherols & Citric Acid), Ground Flaxseed, Deboned Lamb, Natural Flavor, Millet, Ground Miscanthus Grass, Brewers Dried Yeast, Potassium Chloride, Dried Egg Product, Dried Blueberries, Dried Apples, Dried Chicory Root, Salt, DL-Methionine, Choline Chloride, Taurine, Calcium Carbonate, Zinc Protein, Vitamin E Supplement, Zinc Sulfate, Iron Protein, Niacin Supplement, Ferrous Sulfate, Copper Protein, Copper Sulfate, Vitamin A Supplement, Manganese Protein, Thiamine Mononitrate, Calcium Pantothenate, Riboflavin Supplement, Pyridoxine Hydrochloride, Manganous Oxide, Biotin, Dried Bacillus coagulans Fermentation Product, Vitamin B12 Supplement, Vitamin D3 Supplement, Folic Acid, Sodium Selenite, Calcium Iodate, Rosemary Extract

GUARANTEED ANALYSIS

Crude Protein (Min)	27.0%
Crude Fat (Min)	16.0%
Crude Fiber (Max)	4.0%
Moisture (Max)	10.0%
Methionine (Min)	0.35%
Calcium (Min)	1.10%
Phosphorus (Min)	0.90%
Potassium (Min)	0.60%
Vitamin E (Min)	150 IU/kg
Taurine* (Min)	0.10%
Omega-6 Fatty Acids* (Min)	3.00%
Omega-3 Fatty Acids* (Min)	1.12%
Ascorbic Acid (Vitamin C)* (Min)	65 mg/kg
Bacillus coagulans*(Min)	80,000,000 CFU/lb

*Not recognized as an essential nutrient by the AAFCO Dog Food Nutrient Profiles.
Contains a source of viable naturally occurring microorganisms.

CALORIES

Metabolizable Energy, Calculated:

3,677 kcal/kg
3.6 kcal/g
433 kcal/8oz cup

Energy Distribution (% of Calories from):

Protein: 26.7%
Fat: 38.9%
Carbohydrate: 34.3%

NUTRITIONAL ADEQUACY STATEMENT

Nulo Frontrunner™ Adult Ancient Grains Beef, Barley, & Lamb Recipe Dog Food is formulated to meet the nutritional levels established by the AAFCO Dog Food Nutrient Profiles for maintenance.

TYPICAL NUTRIENT ANALYSIS

Nutrient	Unit	As-Fed	Dry Matter	Unit/ 1,000 kcal ME	
Moisture	%	9.50	0.00		
Crude Protein	%	27.92	30.85	g	76.39
Crude Fat	%	16.74	18.50	g	45.80
Crude Fiber	%	2.92	3.22	g	7.98
Ash	%	7.07	7.81	g	19.34
Carbohydrate (NFE)	%	35.85	39.62	g	98.10
Amino Acids					
Arginine	%	2.05	2.27	g	5.62
Histidine	%	0.60	0.66	g	1.63
Isoleucine	%	1.08	1.19	g	2.95
Leucine	%	1.98	2.19	g	5.43
Lysine	%	1.55	1.71	g	4.24
Methionine+Cysteine	%	1.46	1.61	g	3.99
Phenylalanine+Tyrosine	%	1.98	2.19	g	5.41
Threonine	%	1.65	1.83	g	4.52
Tryptophan	%	0.29	0.33	g	0.81
Valine	%	1.29	1.43	g	3.53
Taurine	%	0.15	0.16	g	0.40
Fatty Acids					
Linoleic acid	%	3.17	3.50	g	8.66
alpha-Linolenic Acid	%	1.31	1.45	g	3.60
Omega-3	%	1.27	1.41	g	3.48
Omega-6	%	3.00	3.32	g	8.22
Minerals					
Calcium	%	1.43	1.58	g	3.91
Phosphorus	%	1.06	1.17	g	2.90
Potassium	%	0.66	0.73	g	1.80
Sodium	%	0.27	0.30	g	0.74
Chloride	%	0.64	0.70	g	1.74
Magnesium	%	0.12	0.13	g	0.32
Iron	mg/kg	80.55	89.01	mg	22.04
Copper	mg/kg	16.25	17.96	mg	4.45
Manganese	mg/kg	22.94	25.35	mg	6.28
Zinc	mg/kg	133.82	147.87	mg	36.61
Iodine	mg/kg	2.36	2.60	mg	0.64
Selenium	mg/kg	0.59	0.65	mg	0.16
Vitamins					
Vitamin A	IU/kg	30032.30	33184.86	IU	8217.20
Vitamin D	IU/kg	1559.51	1723.22	IU	4267.0
Vitamin E	IU/kg	150.0	165.75	IU	41.0
Thiamine (Vitamin B1)	mg/kg	28.63	31.64	mg	7.83
Riboflavin (Vitamin B2)	mg/kg	9.26	10.24	mg	2.53
Pantothenic acid	mg/kg	28.16	31.12	mg	7.71
Niacin	mg/kg	137.99	152.48	mg	37.76
Pyridoxine (Vitamin B6)	mg/kg	9.80	10.83	mg	2.68
Folic acid	mg/kg	1.76	1.95	mg	0.48
Vitamin B12	mg/kg	0.61	0.67	mg	0.17
Choline	mg/kg	3161.66	3493.54	mg	865.07
Ascorbic Acid	mg/kg	65.00	71.82	mg	17.78

NOTE: The nutritional composition of Nulo's products are carefully evaluated by scientific formulation and finished product analysis. Minor variations can occur between production runs due to natural ingredients and processing. For questions or more information, contact our pet nutrition experts at CustomerCare@nulo.com