

### INGREDIENTS & PACKAGE SIZES



#### Available Sizes:

3lb, 11lb, & 23lb

**Ingredients:** Deboned Chicken, Chicken Meal, Oats, Barley, Brown Rice, Turkey Meal, Chicken Fat (preserved with Mixed Tocopherols & Citric Acid), Ground Flaxseed, Deboned Turkey, Natural Flavor, Millet, Ground Miscanthus Grass, Brewers Dried Yeast, Salmon Oil, Salt, Potassium Chloride, Dried Egg Product, Dried Blueberries, Dried Apples, Dried Chicory Root, DL-Methionine, Choline Chloride, Taurine, Calcium Carbonate, Zinc Proteinate, Vitamin E Supplement, Zinc Sulfate, Iron Proteinate, Niacin Supplement, Ferrous Sulfate, Copper Proteinate, Copper Sulfate, Vitamin A Supplement, Manganese Proteinate, 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%
Docosahexaenoic Acid (DHA) (Min)	0.05%
Calcium (Min)	1.1%
Phosphorus (Min)	0.9%
Potassium (Min)	0.6%
Vitamin E (Min)	150 IU/kg
Taurine* (Min)	0.1%
Omega-6 Fatty Acids* (Min)	3.0%
Omega-3 Fatty Acids* (Min)	1.1%
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:

3,633 kcal/kg  
3.6 kcal/g  
429 kcal/8oz cup

#### Energy Distribution (% of Calories from):

Protein: 27.9%  
Fat: 38.5%  
Carbohydrate: 33.6%

### NUTRITIONAL ADEQUACY STATEMENT

Nulo Frontrunner™ Puppy Ancient Grains Chicken, Oats, & Turkey Recipe Dog Food is formulated to meet the nutritional levels established by the AAFCO Dog Food Nutrient Profiles for all life stages including growth of large size dogs (70 lb. or more as an adult).

### TYPICAL NUTRIENT ANALYSIS

Nutrient	Unit	As-Fed	Dry Matter	Unit/ 1,000 kcal ME
Moisture	%	9.50	0.00	
Crude Protein	%	29.00	32.04	g 79.67
Crude Fat	%	16.50	18.23	g 45.33
Crude Fiber	%	2.91	3.22	g 8.00
Ash	%	7.16	7.91	g 19.66
Carbohydrate (NFE)	%	34.93	38.60	g 95.96
<b>Amino Acids</b>				
Arginine	%	2.11	2.33	g 5.78
Histidine	%	0.62	0.68	g 1.70
Isoleucine	%	1.13	1.25	g 3.10
Leucine	%	2.06	2.27	g 5.65
Lysine	%	1.64	1.82	g 4.52
Methionine+Cysteine	%	1.44	1.59	g 3.95
Phenylalanine+Tyrosine	%	2.07	2.29	g 5.68
Threonine	%	1.64	1.81	g 4.51
Tryptophan	%	0.28	0.31	g 0.76
Valine	%	1.32	1.45	g 3.61
Taurine	%	0.18	0.19	g 0.48
<b>Fatty Acids</b>				
Linoleic acid	%	3.08	3.40	g 8.46
alpha-Linolenic Acid	%	1.29	1.42	g 3.54
Omega-3	%	1.31	1.45	g 3.60
Omega-6	%	3.15	3.48	g 8.65
<b>Minerals</b>				
Calcium	%	1.45	1.60	g 3.98
Phosphorus	%	1.08	1.20	g 2.98
Potassium	%	0.67	0.74	g 1.83
Sodium	%	0.32	0.35	g 0.88
Chloride	%	0.79	0.87	g 2.16
Magnesium	%	0.12	0.13	g 0.32
Iron	mg/kg	80.17	88.59	mg 22.03
Copper	mg/kg	16.51	18.24	mg 4.54
Manganese	mg/kg	23.21	25.65	mg 6.38
Zinc	mg/kg	132.51	146.42	mg 36.40
Iodine	mg/kg	2.46	2.72	mg 0.68
Selenium	mg/kg	0.59	0.66	mg 0.16
<b>Vitamins</b>				
Vitamin A	IU/kg	29762.70	32886.96	IU 8176.38
Vitamin D	IU/kg	1588.56	1755.10	IU 436.55
Vitamin E	IU/kg	150.0	165.75	IU 41.0
Thiamine (Vitamin B1)	mg/kg	29.18	32.25	mg 8.02
Riboflavin (Vitamin B2)	mg/kg	9.58	10.58	mg 2.63
Pantothenic acid	mg/kg	29.41	32.49	mg 8.08
Niacin	mg/kg	143.95	159.06	mg 39.55
Pyridoxine (Vitamin B6)	mg/kg	10.02	11.07	mg 2.75
Folic acid	mg/kg	1.82	2.01	mg 0.50
Vitamin B12	mg/kg	0.62	0.69	mg 0.17
Choline	mg/kg	3290.98	3636.44	mg 904.10
Ascorbic Acid	mg/kg	65.00	71.82	mg 17.86