

# Pinnacle Ingredients & Nutritional Ingredients

## Pinnacle

### Chicken and Oats Dry Formula

#### Guaranteed Analysis

Crude Protein	not less than	25.0%
Crude Fat	not less than	15.0%
Crude Fiber	not more than	5.0%
Moisture	not more than	10.0%
Ash	not more than	5.18%

#### Caloric Content

Metabolizable Energy	(calculated)	3645 kcal/kg
Metabolizable Energy	(calculated)	400 kcal/cup

#### Nutrient Analysis

Vitamins	Function	As Fed	Unit
Vitamin A	Eyes / Coat / Bones / Skin	5,760	IU/KG
Vitamin A, True Retinol	Eyes / Coat / Bones / Skin	4.660	IU/KG
Vitamin D3	Vigor / Bones / Teeth	1,726	IU/KG
Vitamin E	Reproduction / Fetal Growth	178.00	IU/KG
Thiamine (B1)	Nerves / Digestion	10.00	MG/KG
Riboflavin (B2)	Eyes / Skin / Enzymes	12.10	MG/KG
Pantothenic Acid	Growth / Nerves	69.70	MG/KG
Niacin	Nerves / Coat	113.00	MG/KG
Pyridoxine (B6)	Blood / Growrh	11.20	MG/KG
Folic Acid	Growth / Maint / Blood	1.55	MG/KG
Biotin	Metabolism / Skin / Coat	0.469	MG/KG
Vitamin B12	Blood	0.086	MG/KG
Choline	Liver / Kidney / Nerves	2,620	MG/KG
Minerals	Function	As Fed	Unit
Calcium	Bones / Teeth / Muscle	1.12	%
Phosphorus	Bones / Teeth / Muscle	0.93	%
Potassium	Body Fluids / Metabolism	0.93	%
Sodium	Regulate Body Fluids	0.25	%
Chloride	Regulate Body Fluids	0.20	%
Magnesium	Bones / Teeth / Muscles	0.11	%
Iron	Blood	170.00	MG/KG
Copper	Blood	19.80	MG/KG
Manganese	Bones / Teeth / Muscle	40.00	MG/KG
Zinc	Reproduction / Skin	211.00	MG/KG
Iodine	Thyroid	5.68	MG/KG
Selenium	Bones / Muscle	0.72	MG/KG
Amino Acid/Fatty Acids		As Fed	Unit
Arginine		1.65	%
Lysine		1.43	%
Methionine		0.51	%
Tryptophan		0.25	%
Histidine		0.54	%
Leucine		1.78	%
Isoleucine		0.87	%
Phenylalanine		1.03	%
Threonine		1.04	%
Valine		1.09	%
Omega 6		3.84	%

Omega 3	0.34	%
Aspartic Acid	2.31	%
Serine	1.21	%
Glutamic Acid	3.29	%
Proline	1.66	%
Glycine	2.06	%
Alanine	1.55	%
Cystine	0.34	%
Tyrosine	0.58	%

All Natural Ingredients

Plus Essential Vitamins & Minerals with Added Probiotics

Chicken Meal, Chicken, Whole Oat Flour, Tomato Pomace, Fresh Potato, Chicken Fat (Preserved with mixed Tocopherols and Ascorbic Acid), Organic Quinoa, Dehydrated Mixed Vegetables (Carrot Flakes, Red and Green Bell Peppers, Broccoli, Peas, Tomato Flakes, Celery, Garlic, Spinach and Parsley), Cottage Cheese, Dried Egg Product, Lecithin, Rosemary Extract, Sage Extract, Vitamin E Supplement, Bromelain, Papain, Dried Bacillus Subtilis Fermentation Product, Dried Aspergillus Oryzae Fermentation Product, Salt, Calcium Carbonate, Potassium Chloride, Choline Chloride, Zinc Sulfate, Zinc Amino Acid Complex, Vitamin B12 Supplement, Niacin, Iron Amino Acid Complex, Calcium Pantothenate, Ferrous Sulfate, Vitamin A Acetate, Ascorbic Acid (Source of Vitamin C), Pyridoxine Hydrochloride (Source of Vitamin B6), Manganese Amino Acid Complex, Thiamine Mononitrate (Source of Vitamin B1), Copper Sulfate, Copper Amino Acid Complex, Riboflavin Supplement (Source of Vitamin B Complex), Folic Acid, Manganous Oxide, Calcium Iodate, Vitamin D3 Supplement, Biotin, Sodium Selenite.

## Pinnacle

### Trout & Sweet Potato Dry Formula

**Guaranteed Analysis**

Crude Protein	not less than	22.0%
Crude Fat	not less than	10.0%
Crude Fiber	not more than	4.0%
Moisture	not more than	10.0%

**Caloric Content**

Metabolizable Energy	(calculated)	3417 kcal/kg
Metabolizable Energy	(calculated)	387 kcal/cup

**Nutrient Analysis**

<b>Vitamins</b>	<b>Function</b>	<b>As Fed</b>	<b>Unit</b>
Vitamin A	Eyes / Coat / Bones / Skin	15,258	IU/KG
Vitamin D	Vigor / Bones / Teeth	1,320	IU/KG
Vitamin E	Reproduction / Fetal Growth	50.00	IU/KG
Thiamine (B1)	Nerves / Digestion	15.00	IU/KG
Riboflavin (B2)	Eyes / Skin / Enzymes	9.20	MG/KG
Pantothenic Acid	Growth / Nerves	37.00	MG/KG
Niacin	Nerves / Coat	70.00	MG/KG
Pyridoxine	Blood / Growth	11.00	MG/KG
Folic Acid	Growth / Maint / Blood	2.00	MG/KG
Biotin	Metabolism / Skin / Coat	0.18	MG/KG
Vitamin B12	Blood	0.08	MG/KG
Choline	Liver / Kidney / Nerves	1,800	MG/KG
<b>Minerals</b>	<b>Function</b>	<b>As Fed</b>	<b>Unit</b>
Calcium	Bones / Teeth / Muscle	1.00	%
Phosphorus	Bones / Teeth / Muscle	0.75	%
Potassium	Body Fluids / Metabolism	0.81	%
Sodium	Regulate Body Fluids	0.33	%
Chloride	Regulate Body Fluids	0.45	%

Magnesium	Bones / Teeth / Muscles	0.10	%
Iron	Blood	84.00	MG/KG
Copper	Blood	10.80	MG/KG
Manganese	Bones / Teeth / Muscle	21.00	MG/KG
Zinc	Reproduction / Skin	214.00	MG/KG
Iodine	Thyroid	4.10	MG/KG
Selenium	Bones / Muscle	0.41	MG/KG
<b>Amino Acids</b>		<b>As Fed</b>	<b>Unit</b>
Arginine		1.10	%
Lysine		0.81	%
Methionine & Cystine		0.56	%
Tryptophan		0.28	%
Histidine		0.54	%
Leucine		0.93	%
Isoleucine		0.67	%
Phenylalanine & Tyrosine		1.20	%
Threonine		0.57	%
Valine		0.77	%
<b>Fatty Acids</b>		<b>As Fed</b>	<b>Unit</b>
Linoleic Acid		2.75	%
Omega - 6		3.17	%
Omega - 3		1.82	%

## Pinnacle

### Peak Protein Formula

#### Guaranteed Analysis

Crude Protein	not less than	42.0%
Crude Fat	not less than	22.0%
Crude Fiber	not more than	2.0%
Moisture	not more than	10.0%
Omega-6 Fatty Acids	minimum	5.12%
Omega-3 Fatty Acids	minimum	0.50%

#### Caloric Content

Metabolizable Energy	(calculated)	4100 kcal/kg
Metabolizable Energy	(calculated)	500 kcal/cup

#### Nutrient Analysis

<b>Vitamins</b>	<b>Function</b>	<b>As Fed</b>	<b>Unit</b>
Vitamin A	Eyes / Coat / Bones / Skin	116,721.00	IU/KG
Vitamin D	Vigor / Bones / Teeth	1,509.00	IU/KG
Vitamin E	Reproduction / Fetal Growth	87.00	IU/KG
Thiamine (B1)	Nerves / Digestion	4.30	IU/KG
Riboflavin (B2)	Eyes / Skin / Enzymes	10.80	MG/KG
Pantothenic Acid	Growth / Nerves	20.10	MG/KG
Niacin	Nerves / Coat	37.90	MG/KG
Pyridoxine	Blood / Growth	4.10	MG/KG
Folic Acid	Growth / Maint / Blood	1.40	MG/KG
Biotin	Metabolism / Skin / Coat	0.18	MG/KG
Vitamin B12	Blood	0.01	MG/KG
Choline	Liver / Kidney / Nerves	3,421.00	MG/KG
<b>Minerals</b>	<b>Function</b>	<b>As Fed</b>	<b>Unit</b>
Calcium	Bones / Teeth / Muscle	2.11	%
Phosphorus	Bones / Teeth / Muscle	1.38	%

Avail. Phosphorus	Bones / Teeth / Muscle	1.20	%
Potassium	Body Fluids / Metabolism	1.87	%
Sodium	Regulate Body Fluids	0.39	%
Chloride	Regulate Body Fluids	0.72	%
Magnesium	Bones / Teeth / Muscles	0.10	%
Iron	Blood	298.00	MG/KG
Copper	Blood	9.20	MG/KG
Manganese	Bones / Teeth / Muscle	17.60	MG/KG
Zinc	Reproduction / Skin	127.00	MG/KG
Iodine	Thyroid	1.70	MG/KG
Selenium	Bones / Muscle	0.40	MG/KG
<b>Amino Acids</b>		<b>As Fed</b>	<b>Unit</b>
Arginine		2.34	%
Lysine		1.62	%
Methionine & Cystine		1.23	%
Tryptophan		0.35	%
Histidine		0.95	%
Leucine		2.60	%
Isoleucine		1.47	%
Phenylalanine & Tyrosine		1.52	%
Threonine		1.27	%
Valine		1.66	%
<b>Fatty Acids</b>		<b>As Fed</b>	<b>Unit</b>
Arachidonic Acid		0.18	%
Linoleic Acid		4.50	%
Linolenic Acid		0.18	%
Omega-6		4.12	%
Omega-3		0.50	%

#### All Natural Ingredients

Plus Essential Vitamins & Minerals with Added Probiotics

Chicken Meal, Chicken, Potatoes, Oats, Chicken Fat (Preserved with Mixed Tocopherols and Ascorbic Acid), Tomato Pomace, Organic Quinoa, Salmon Oil, Dried Egg Product, Potassium Chloride, Rosemary Extract, Sage Extract, Vitamin E Supplement, Bromelain, Papain, Dried Bacillus Subtilis Fermentation Product, Dried Aspergillus Oryzae Fermentation Product, Calcium Carbonate, Choline Chloride, Zinc Oxide, Zinc Amino Acid Chelate, Iron Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Manganous Oxide, Vitamin B12 Supplement, Copper Sulfate, Manganese Amino Acid Chelate, Copper Amino Acid Chelate, Riboflavin Supplement (Source of Vitamin B Complex), Niacin, Calcium Pantothenate, Folic Acid, Pyridoxine Hydrochloride (Source of Vitamin B6), Thiamine Mononitrate (Source of Vitamin B1), Biotin, Calcium Iodate, Sodium Selenite, Cobalt Carbonate.

#### All Natural Ingredients

Plus Essential Vitamins & Minerals with Added Probiotics

Trout, Oatmeal, Herring Meal, Oat Flour, Canola Oil (Preserved with Mixed Tocopherols), Sweet Potato, Calcium Carbonate, Flax Seed, Lecithin, Dicalcium Phosphate, Organic Quinoa, Rosemary Extract, Sage Extract, Vitamin E Supplement, Bromelain, Papain, Dried Bacillus Subtilis Fermentation Product, Dried Aspergillus Oryzae Fermentation Product, Potassium Chloride, Choline Chloride, Zinc Sulfate, Zinc Amino Acid Complex, Vitamin B12 Supplement, Niacin, Iron Amino Acid Complex, Calcium Pantothenate, Ferrous Sulfate, Vitamin A Acetate, Ascorbic Acid (Source of Vitamin C), Pyridoxine Hydrochloride (Source of Vitamin B6), Manganese Amino Acid Complex, Thiamine Mononitrate (Source of Vitamin B1), Copper Sulfate, Copper Amino Acid Complex, Riboflavin Supplement (Source of Vitamin B Complex), Folic Acid, Manganous Oxide, Calcium Iodate, Vitamin D3 Supplement, Biotin, Sodium

# Pinnacle

## Duck & Potato Dry Formula

### Guaranteed Analysis

Crude Protein	not less than	23.00%
Crude Fat	not less than	13.00%
Crude Fiber	not more than	3.50%
Moisture	not more than	10.00%
Omega-6 Fatty Acids	not less than	2.45%
Omega-3 Fatty Acids	not less than	0.76%

### Caloric Content

Metabolizable Energy	(calculated)	3,462 kcal/kg
Metabolizable Energy	(calculated)	381 kcal/cup

### Nutrient Analysis

<b>Vitamins</b>	<b>Function</b>	<b>As Fed</b>	<b>Unit</b>
Vitamin A	Eyes / Coat / Bones / Skin	18,283.91	IU/KG
Vitamin D	Vigor / Bones / Teeth	1543.46	IU/KG
Vitamin E	Reproduction / Fetal Growth	145.10	IU/KG
Thiamine (B1)	Nerves / Digestion	14.66	IU/KG
Riboflavin (B2)	Eyes / Skin / Enzymes	9.75	MG/KG
Pantothenic Acid	Growth / Nerves	48.73	MG/KG
Niacin	Nerves / Coat	107.13	MG/KG
Pyridoxine	Blood / Growth	16.86	MG/KG
Folic Acid	Growth / Maint / Blood	1.83	MG/KG
Biotin	Metabolism / Skin / Coat	0.08	MG/KG
Vitamin B12	Blood	71.16	MG/KG
Choline	Liver / Kidney / Nerves	1,770.97	MG/KG
<b>Minerals</b>	<b>Function</b>	<b>As Fed</b>	<b>Unit</b>
Calcium	Bones / Teeth / Muscle	1.08	%
Phosphorus	Bones / Teeth / Muscle	0.86	%
Potassium	Body Fluids / Metabolism	1.35	%
Sodium	Regulate Body Fluids	0.32	%
Chloride	Regulate Body Fluids	0.53	%
Magnesium	Bones / Teeth / Muscles	0.12	%
Iron	Blood	154.23	MG/KG
Copper	Blood	15.97	MG/KG
Manganese	Bones / Teeth / Muscle	17.57	MG/KG
Zinc	Reproduction / Skin	194.00	MG/KG
Iodine	Thyroid	6.03	MG/KG
Selenium	Bones / Muscle	0.16	MG/KG
<b>Amino Acids</b>		<b>As Fed</b>	<b>Unit</b>
Arginine		1.32	%
Lysine		1.18	%
Methionine & Cystine		0.63	%
Tryptophan		0.19	%
Histidine		0.41	%
Leucine		1.29	%
Isoleucine		0.72	%
Phenylalanine & Tyrosine		1.54	%
Threonine		0.78	%
Valine		0.97	%
<b>Fatty Acids</b>		<b>As Fed</b>	<b>Unit</b>
Linoleic Acid		2.70	%
Omega-6		2.45	%

Omega-3

0.76 %

**All Natural Ingredients**

**Plus Essential Vitamins & Minerals with Added Probiotics**

**Duck Meal, Potatoes, Oatmeal, Duck, Oat Flour, Potato Fiber, Canola Oil (Preserved with Mixed Tocopherols), Flax Seed, Organic Quinoa, Lecithin, Rosemary Extract, Sage Extract, Vitamin E Supplement, Bromelain, Papain, Dried Bacillus Subtilis Fermentation Product, Dried Aspergillus Oryzae Fermentation Product, Potassium Chloride, Calcium Carbonate, Choline Chloride, Zinc Oxide, Zinc Amino Acid Chelate, Iron Sulfate, Vitamin A Acetate, Vitamin D3 Supplement, Manganous Oxide, Vitamin B12 Supplement, Copper Sulfate, Manganese Amino Acid Chelate, Copper Amino Acid Chelate, Riboflavin Supplement (Source of Vitamin B Complex), Niacin, Calcium Pantothenate, Folic Acid, Pyridoxine Hydrochloride (Source of Vitamin B6), Thiamine Mononitrate (Source of Vitamin B1), Biotin, Calcium Iodate, Sodium Selenite, Cobalt Carbonate.**