



Shrimp Meal (WSDA Listed)

Source, Processing, Description, and Use

Fresh shrimp by-product is sourced from USDA inspected facilities. It is cooked and dried under low temperature conditions. This meal is a concentrated source of minerals and chitin, and contains a supplemental levels of astaxanthin and protein. It has application in a variety of pet foods to provide flavor validation, label claims, and nutrient supplementation.

Guaranteed Analysis

Protein (min)	36.0%
Fat (min)	0.5%
Fiber (max)	17.5%
Ash (max)	40.0%
Moisture (max)	10.0%

Freshness

Total Volatile Nitrogen	130 mg N / 100 g meal
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Amino Acids	(% as-fed)	(g / 100 g protein)
Alanine	1.5	6.3
Arginine	1.8	7.1
Aspartic Acid	2.1	8.2
Cystine	NA	NA
Glutamic Acid	3.1	12.2
Glycine	1.5	5.9
Histidine	0.6	2.4
Isoleucine	0.9	3.5
Leucine	1.3	5.1
Lysine	1.0	3.9

Methionine	0.4	1.6
Phenylalanine	1.1	4.3
Proline	1.3	5.1
Serine	1.0	3.9
Serine	1.0	3.9
Taurine	NA	NA
Threonine	0.9	3.5
Tryptophan	NA	NA
Tyrosine	1.0	3.9
Valine	1.3	5.1

Minerals	(as - fed)
Calcium (Min / Max)	12.0 / 16.0 %
Phosphorus (Min / Max)	3.0 / 4.5 %
Potassium	0.1%
Sulfur	0.3%
Sodium	0.3%
Magnesium	0.7%
Iron	110 mg/kg
Zinc	40 mg/kg
Copper	25 mg/kg
Manganese	10 mg/ kg
Chromium	5mg/kg
Vanadium	BDL
Cadmium	1mg/kg
Lead	2mg/kg

Cobalt	BDL
Nickel	2 mg/kg
Molybdenum	BDL

Preservation

Antioxidant	None
Peroxide Value	6.0 meq/kg fat

Microbiological Analysis

Standard Aerobic Plate Count (SPC)	< 50, 000 cfu/g
Salmonella	Negative

Product Characteristics

Color	Pink
Odor	Mild Shrimp
Physical	Free Flowing
Density	Approximately 31 lbs / cubic foot
Storage	Store in cool dry place
Stability	6 months when appropriately stored

Packagaging

Available in various sized maxi sacks

AAFFCO Definition

Shrimp Meal

Contact:

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