

Shrimp Shell

Ocean Pink Shrimp Meal

Shrimp Shell is derived from the fresh cuttings of Ocean Pink Shrimp (*Pandalus jordani*) processed for human consumption at inspected, domestic fish processing facilities. Wild Ocean Pink Shrimp harvested by the Pacific Seafood Group is certified as “sustainable” by the Marine Stewardship Council and is the sole source of our raw material. Fresh shrimp cuttings are cooked and dehydrated under low-temperature conditions.

Shrimp Shell is a concentrated source of minerals and contains supplemental levels of protein, astaxanthin pigment and chitin. It has applications in animal feeds and petfood to balance nutrient profiles, and to validate flavor and label claims.

Shrimp Shell is a product of the United States of America. It is traceable with documentation showing source and processing of raw material utilized in manufacturing. Our company benefits from vertical integration within a human seafood company, Pacific Seafood Group, through access to their electronic tracking of fish catch, landings and processing, and the subsequent disposition of fresh shellfish cuttings. Pacific Seafood Group maintains strict quality standards based on scientifically-derived FSMA/HACCP systems at all our locations to ensure that the product you receive is the highest quality.

Customers are always welcome to visit our facilities and review our practices. Our definition of excellence, “*consistently doing your best and always striving to do better*”, demonstrates our commitment to providing a traceable, sustainable and wholesome product to our customers and yours.

Guaranteed Analysis

Crude Protein (min)	34.5 %
Crude Fat (min)	1.0 %
Crude Fiber (max)	25.0 %
Ash (max)	35.0 %
Moisture (max)	10.0 %
Calcium (min/max)	13.5 / 16.0 %
Phosphorus (min)	1.0 %

Amino Acids (% meal)

Alanine	1.7
Arginine	1.8
Aspartic acid	3.1
Cystine	0.4
Glutamic acid	4.0
Glycine	1.4
Histidine	0.6
Isoleucine	1.2
Leucine	1.8
Lysine	1.7
Methionine	0.6
Phenylalanine	1.3
Proline	1.2
Serine	1.5
Taurine	n.a.
Threonine	1.0
Tryptophan	0.3
Tyrosine	1.1
Valine	1.4

Chitin Approximately 23.5 %

Microbial Analysis

Aerobic Plate Count 100,000 cfu / g

Minerals (% meal)

Calcium	14.0
Phosphorus	3.3
Potassium	1.0
Sodium	0.3
Sulfur	0.2
Magnesium	0.7

Minerals	(mg/kg meal)
Iron	83
Zinc	38
Copper	12
Manganese	12
Boron	47
Barium	36
Arsenic	BDL
Cadmium	BDL
Chromium	BDL
Cobalt	BDL
Mercury	BDL
Molybdenum	BDL
Lead	BDL
Nickel	BDL
Selenium	BDL
Silver	BDL

Product Characteristics

Color	Pink
Odor	Mild shrimp
Physical	Free-flowing, 100% through 2.5 mm screen
Density	Approximately 13 - 18 lb / ft ³
pH	9.5 – 10.0
Storage	Store in a cool, dry place in original packaging
Stability	9 months when appropriately stored

Packaging

Bulk bags

AAFCO Definition

Shrimp Shell Meal

Processing Statements

Allergen: This product is processed in a facility that contains and processes crustacean shellfish.

This product is not intended for human consumption.

The values for amino acids, minerals, microbial analysis, and product characteristics are typical and expected.

Manufacturer

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