

## Condensed Fish Solubles

**Condensed Fish Solubles** is derived from the fresh cuttings of Pacific Whiting (*Merluccius productus*) originally harvested and processed for human consumption. All processing is domestic and shore-based. All facilities are federally inspected.

**Condensed Fish Solubles** is a product of the United States of America. It is a source of highly digestible fish protein and provides a supplemental level of omega-3 fatty acids including docosahexaenoic (DHA) and eicosapentaenoic (EPA). It is traceable with documentation showing source and processing of raw material. 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 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)	30.0 %
Crude Fat (min)	2.5 %
Crude Fiber (max)	0.5 %
Ash (max)	10.0 %
Moisture (max)	55.0 %
Calcium (min/max)	0.0 / 0.5 %
Phosphorus (min)	1.5 %
Salt (max)	4.5 %

### Amino Acids (% meal)

Alanine	2.4
Arginine	2.1
Aspartic acid	1.6
Cystine	0.1
Glutamic acid	3.5
Glycine	3.8
Histidine	0.3
Isoleucine	0.5

**Amino Acids** (% meal)

Leucine	1.2
Lysine	1.6
Methionine	0.5
Phenylalanine	0.6
Proline	2.0
Serine	1.0
Threonine	0.4
Tryptophan	0.05
Tyrosine	0.3
Valine	0.7

**Fatty Acids** (% meal)

Myristic	C 14:0	0.1
Palmitic	C 16:0	1.0
Palmitoleic	C 16:1	0.3
Stearic	C 18:0	0.2
cis-Oleic	C 18:1 n-9	1.2
cis-Linoleic	C 18:2 n-6	0.1
gamma-Linolenic	C 18:3 n-6	BDL
α-Linolenic	C 18:3 n-3	BDL
cis-11-Eicosenoic	C 20:1 n-9	BDL
cis-11,14,17-Eicosatrienoic	C 20:3 n-3	BDL
Arachidonic	C 20:4 n-6	BDL
Eicosapentaenoic (EPA)	C 20:5 n-3	0.7
Erucic	C 22:1 n-9	BDL
Docosahexaenoic (DHA)	C 22:6 n-3	0.5
Total omega-3		1.2
Total omega-6		0.1

**Minerals** (% meal)

Calcium	BDL
Phosphorus	1.8
Potassium	1.4
Sodium	1.7
Sulfur	0.5
Magnesium	0.1

<b>Minerals</b>	<b>(mg / kg meal)</b>
Iron	14.0
Zinc	8.0
Aluminum	BDL
Copper	57.0
Manganese	BDL
Chromium	BDL
Vanadium	BDL
Cadmium	BDL
Lead	BDL
Cobalt	BDL
Nickel	BDL
Molybdenum	BDL

### **Product Characteristics**

Color	Light brown
Odor	Mild fish
Physical	Pourable liquid
Density	NA
pH	3.8 – 4.2
Storage	Store in a cool, dry place in original packaging
Stability	6 months when appropriately stored

### **Processing Statements**

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

This product is not intended for human consumption.

### **Typical Values**

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

## **Manufacturer**

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