



# COAST CONTINENTAL MILLING INC.

## ANALYSIS:

### Liquid Krill Hydrolysate

#### GENERAL DESCRIPTION:

Highly pigmented, protein rich liquid made from 100% Euphausia Superba krill (zooplankton).

#### USAGE:

Provides a stimulating flavour and valuable source of carotenoid pigments in all types of diets. Inclusion rates of 10-20% of total formulation. Less if using as top coat for taste enhancement.

#### PHYSICAL APPEARANCE:

Appearance:	Red/orange liquid
Odour:	Fresh seafood, shrimplike
Taste:	Sweet, seafood flavor

#### PIGMENTATION:

Astaxanthin – Range 30-40 ppm

#### STABILIZATION:

Acid stabilized to pH<3.5

#### STANDARD PACKAGING:

Packaged in 20 litre pails

#### STORAGE:

Store in a cool, protected environment in closed containers with little oxygen present. Keep away from direct sunlight and heat.

#### MICROBIOLOGY:

Salmonella - Negative

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## TYPICAL ANALYSIS (E. SUPERBA)

(Depending on seasonal variation)

<b>CRUDE PROTEIN</b>	11-13% MIN
<b>CRUDE FAT</b>	1.5-4% MIN
<b>ASH</b>	3.5% MAX
<b>MOISTURE</b>	82.5% MAX
<b>FIBER</b>	0.5% MAX

## AMINO ACID PROFILE % OF DRY WEIGHT

<b>THREONINE</b>	2.14	<b>ISOLEUCINE</b>	2.07
<b>SERINE</b>	1.90	<b>ASPARTIC ACID</b>	4.66
<b>GLUTAMIC ACID</b>	6.26	<b>LEUCINE</b>	3.26
<b>PROLINE</b>	2.50	<b>TYROSINE</b>	1.48
<b>GLYCINE</b>	3.48	<b>PHENYLALANINE</b>	2.17
<b>ALANINE</b>	2.74	<b>HISTIDINE</b>	1.17
<b>CYSTEINE</b>	0.71	<b>LYSINE</b>	3.69
<b>VALINE</b>	2.38	<b>ARGININE</b>	3.11
<b>METHIONINE</b>	1.18		

## FATTY ACID PROFILE

		<b>% OF TOTAL FATTY ACIDS</b>
<b>MYRISTIC ACID</b>	C14:0	5.6
<b>PALMITIC</b>	C16:0	18.0
<b>PALMITOLEIC ACID</b>	C16:1w7	4.2
<b>OLEIC ACID</b>	C18:1w9	15.1
<b>LINOLEIC ACID</b>	C18:2w6	2.0
<b>LINOLENIC ACID</b>	C18:3w3	1.0
<b>OCTADECATETRAENOIC ACID</b>	C18:4w3	1.4
<b>EICOSAPENTAENOIC ACID</b>	C20:5w3	18.1
<b>DOCOSAHEXAENOIC ACID</b>	C22:6w3	14.7

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