

Certified Organic Kelp

General (Average %)

Moisture	9.0
Crude Protein	8.5
Crude Fiber	4.0
Total Ash (minerals)	29.0
Fat	2.0
Carbohydrates (nitrogen free extracts)	47.5
Total	100

Major Elements

Ca	Calcium	2.1%
Cl	Chlorine	6.5%
K	Potassium	2.7%
Mg	Magnesium	0.85%
N	Nitrogen	1.4%
Na	Sodium	4.0%
P	Phosphorus	0.3%
S	Sulphur	2.8%

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Minor Elements

(parts per million " ppm)

Al	Aluminum	289
As	Arsenic (FCC)	<3
B	Boron	98
Cd	Cadmium	1
Co	Cobalt	4
Cr	Chromium	0.8
Cu	Copper	4
Fe	Iron	622
Hg	Mercury	0.4
I	Iodine	780
Mn	Manganese	60
Mo	Molybdenum	2
Pb	Lead	<5
Se	Selenium	0.3
Sn	Tin	6.5
Zn	Zinc	12

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Vitamins

A	Retinol	390	ppb
B2	Riboflavine	4.9	ppm
B3	Niacin	182.6	ppm
C	Ascorbic Acid	375	ppm
D	Cholcalciferol	150	ppb
E	Alphatocopherol	110	ppm

Amino Acids (% of total Amino Acids)

Alanine	5.52	Lysine	4.24
Arginine	5.47	Methionine	1.07
Aspartic Acid	9.88	Phenylalanine	3.54
Cystine	1.49	Proline	3.71
Glycine	5.70	Serine	4.92
Glutamic Acid	12.03	Threonine	4.60
Histidine	1.29	Tryptophan	1.68
Lisoleucine	3.26	Tyrosine	3.52
Leucine	5.63	Valine	3.51