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Dried Kelp – Typical Analysis

Rockweed (*Ascophyllum nodosum*)

Overview (%)		Carbohydrates (%)		Macronutrients (%)	
Loss on Drying	14.5	Alginic acid	25	Calcium	1.90
Protein	7.5	Laminarin	9	Chlorine	3.68
Fat	1.5	Fucoidan	8	Magnesium	0.82
Fiber (crude)	3.5	Mannitol	4	Nitrogen	0.06
Ash (minerals)	18.0	Methylpentosan	7	Phosphorous	0.12
Carbohydrates	55.0	Other sugars	2	Potassium	1.65
Total	100.0	Total	55	Sodium	3.06
				Sulfur	2.70

Micronutrients (ppm)				Vitamins	
Aluminum	193	Selenium	0.4	beta-Carotene (A)	61235.0 IU/lb.
Boron	194	Silicon	1642	Ascorbic acid (C)	220.5 ppm
Cobalt	12.3	Strontium	749	Biotin	0.03 ppm
Copper	6.4	Tungsten	0.3	Cobalamin B12)	0.02 ppm
Iodine	700	Vanadium	5.3	Folic acid (B9)	0.12 ppm
Iron	240	Zinc	35.2	Niacin (B3)	11.90 ppm
Manganese	31			Riboflavin (B2)	0.11 ppm
Molybdenum	15.9			Thiamine (B1)	0.37 ppm
Nickel	35			Tocopherols (E)	275 ppm

Amino Acids (%)					
Alanine	0.30	Histidine	0.09	Proline	0.20
Arginine	0.22	Isoleucine	0.19	Serine	0.23
Aspartic Acid	0.59	Leucine	0.33	Threonine	0.16
Cystine	0.09	Lysine	0.23	Tryptophan	0.06
Glutamic Acid	0.81	Methionine	0.11	Tyrosine	0.14
Glycine	0.24	Phenylalanine	0.21	Valine	0.25

Values reported are averages based on typical laboratory analyses. Dried kelp is a wholly natural product, and as such specific nutrient content is subject to fluctuations with seasonality, location, and rockweed biology. The above information is provided in good faith and believed to accurately represent the products in question. However, these averages should not be considered a guarantee, and Atlantic Laboratories Inc. assumes no liability based on this information and the product described.