

Algen mit allen wichtigen Vitaminen und Aminosäuren aus den kalten Gewässern Islands! Frei von Schadstoffen!



smartfiberAG | Breitscheidstr. 154 | D-07407 Rudolstadt

Raw Material

Rockweed (*Ascophyllum nodosum*) is found growing in the intertidal zone and is common over much of the North Atlantic. It is perennial, growing on large stones and rocks and may reach 1,5 m in length. The species thrive better in areas exposed to air during low tides and fairly exposed or in sheltered areas.

Rockweed is the most common species around Icelandic shores. It is very sensitive to pollution and can be an indicator of environmental cleanliness. Conditions at Breidafjordur are very favorable for this species.



Rockweed Meal - Ingredients

GENERAL (pro 100 g)

Dietary fiber:	44%
Total ash:	27%
Ash (free of salt):	18%
Moisture:	9,4%
Salt (NaCl):	9,2%
Protein:	8,1%
Trenish fiber:	4,1%
Fat:	1,8%

MINERALS (pro 100 g)

Chlorine (Cl):	6,2%
Sodium (Na):	4,3%
Sulphur (S):	2,8%
Potassium (K):	2,5%
Calcium (Ca):	1,6%
Nitrogen (N):	1,4%
Magnesium (Mg):	0,75%
Phosphorus (P2O5):	0,28%
Phosphorus (P):	0,16%

TRACE ELEMENTS (mg / kg ; 1:1000000)

Iodine (I):	862 ppm
Iron (Fe):	514 ppm
I (Al):	268 ppm
Mangan (Mn):	33 ppm
Arsen (As):	21 ppm
Zinc (Zn):	12 ppm
Tin (Sn):	6,5 ppm
Selenium (Se):	4,9 ppm
Inorganic Arsen:	0,3 ppm
Cadmium (Cd)	
Chromium (Cr)	
Cobalt (Co)	
Cobber (Cu)	
Lead (Pb)	
Mercury (Hg)	
Molybdenum (Mo)	

AMINO ACIDS (% of total Amino Acid)

Glutamic acid:	12,0%
Aspartic acid:	9,9%
Glycine:	5,7%
Leucine:	5,6%
Alanine:	5,5%
Arginine:	5,5%
Serine:	4,9%
Threonine:	4,6%
Lysine:	4,2%
Proline:	3,7%
Phenylalanine:	3,5%
Tyrosine:	3,5%
Valine:	3,5%
Isoleucine:	3,3%
Cystine:	1,5%
Histidine:	1,3%

VITAMINS (mg / kg ; 1:1000000)

Riboflavin (B2):	4,9 ppm
Niacin (B3):	183 ppm
Ascorbic acid (C):	375 ppm

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