



## Laminaria digitata

## Typical Analysis

### General

Dietary fiber: 36%  
Total ash: 31%  
Ash (free of salt): 16%  
Salt: (NaCl) 15%  
Moisture: 8,3%  
Protein: 5,4%  
Trenish fiber: 3,5%  
Fat: 0,6%

### Minerals

Chlorine (Cl): 9,8%  
Sodium (Na): 3,2%  
Potassium (K): 8,3%  
Calcium (Ca): 1,4%  
Nitrogen (N): 1,4%  
Sulphur (S): 1,0%  
Magnesium (Mg): 0,67%  
Iodine (I): 0,57%  
Phosphorus (P<sub>2</sub>O<sub>5</sub>): 0,50%

### Trace elements

Phosphorus (P): 2.177 ppm  
Iron (Fe): 1.293 ppm  
Al (Al) 496 ppm  
Arsen (As): 49 ppm  
Inorganic Arsen: 21 ppm  
Mangan (Mn): 26 ppm  
Zinc (Zn): 14 ppm  
Tin (Sn): 5,1 ppm  
Lead (Pb): 4,3 ppm  
Barium (Ba)  
Cadmium (Cd)  
Chromium (Cr)  
Cobalt (Co)  
Copper (Cu)  
Mercury (Hg)  
Molybdenum (Mo)  
Nickel (Ni)  
Selenium (Se)

### Vitamins

Thiamin (B1): 0,6 ppm  
Riboflavin (B2): 5,6 ppm  
Niacin (B3): 288 ppm  
Ascorbic acid (C): 167 ppm

### Amino acids

(% of total Amino Acids)

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