



**Specialty**

**Organically Certified Milled Bladderwrack**  
(Fucus vesiculosus)

**Product Specifications**

**Physical Characteristics**

BLADDERWRACK POWDER	Mesh	Moisture	Ash
BLADDERWRACK COARSE	60	10.3%	15%
Color:	Cut & Sift	10.3%	21.2%
Flavor:	green/brown		
Aroma:	saline		
Density:	marine odor		
Hydration capacity:	1 cup Granules weighs approx 175g;		
	1 cup Powder weighs approx 188g		
	holds 6 times dry weight in water		
	Increases in volume when wet 3 to 4 times		

**Nutritional Analysis (Typical)**

Nutritional Data varies slightly with moisture content:

Fat	3%	Iodine	575 ppm
Sat. Fat	0.0%	Iron	650 ppm
Protein	6.5%	Lead	<2.5 ppm
Carbohydrate	054%	Magnesium	0.86%
Fiber:	6%	Manganese	77 ppm
Calories	NA	Mercury	<1 ppm
Aluminum	142 ppm	Molybdenum	<2.5 ppm
Arsenic	<3 ppm	Nickel	3 ppm
Barium	9 ppm	Total Nitrogen	0.96%
Beryllium	<1 ppm	Phosphorous	0.09%
Boron	97 ppm	Potassium	2.9%
Cadmium	<1 ppm	Silver	<1 ppm
Calcium	1.5%	Sodium	2.71%
Chloride	3.4%	Strontium	0.1%
Chromium	2 ppm	Titanium	7 ppm
Cobalt	<1 ppm	Vanadium	7 ppm
Copper	3 ppm	Zinc	30 ppm
Zirconium	<2.5 ppm		

FUCOIDAN Content 0.89%

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(Fucus vesiculosus)

*Continued from opposite side*

## Microbial Analysis (Typical)

Aerobes/TPC/g	300 CFU/g
E. coli (MPN/g)	Negative
Coliforms(MPN/g)	<3 MPN/g
Yeasts/g	10 CFU/g
Molds/g	70 CFU/g
Salmonella	Negative

## Pesticide Screen Analysis

E.P.A. approved method 509B Pesticide Screen: None Detected

## Herbicide Screen Analysis

E.P.A. approved method 509A Herbicide Screen: None Detected

## Hydrocarbon Analysis

Fuel Oil and Gasoline Residue Test M: None Detected

## Storage And Handling

Hydroscopic and photosensitive material: keep tightly closed and out of sunlight

Optimal storage: cool (30 600 F), dry (50 800 RH), away from other odorous materials.

Usable Life: 2 years (whole leaf) 3 years (milled)

**Bladderwrack (Fucus vesiculosus)** is a wild, uncultivated marine algae. Specific analysis may vary from the above typical analysis. Naturally occurring fluctuations in the sea plant are due to season, weather conditions, tidal flow, and time of harvest. The information presented above is believed to be accurate and reliable, but are averages and not guaranteed as conditions of sale.