

# BLADDERWRACK (*Fucus vesiculosus*)

## PRODUCT SPECIFICATIONS

### *Typical Analysis*

*Data varies seasonally, with mesh size and moisture content*

#### PHYSICAL CHARACTERISTICS

	<b>Mesh</b>	<b>Moisture</b>	<b>Ash</b>	<b>Acid-insoluble Ash</b>
<b>Coarse Cut</b>	Cut & sift	Max 15%	20-36%	N/A
<b>Powder</b>	60	Max 13%	20-36%	N/A

**Color:** Green/brown    **Flavor:** Salty    **Aroma:** Briny

**Density:** 1 cup coarse cut = 175g; 1 cup powder = 188g

**Hydration capacity:** Holds 6 times dry wt. in water; increases in volume 3 to 4 times when wet

#### QUALITY CONTROL

<b>METALS</b>		<i>Method</i>
<b>Arsenic, inorganic</b>	NMT 1 ppm	FCC 5
<b>Lead</b>	NMT 2 ppm	SW-846
<b>Cadmium</b>	NMT 2 ppm	SW-846
<b>Mercury</b>	NMT 0.1 ppm	US EPA 245.5

<b>MICROBIOLOGICAL</b>		<i>Method</i>
<b>Aerobic Count</b>	NMT 50,000 cfu/g	MFHPB 18
<b>Coliforms</b>	NMT 100 MPN/g	MFHPB 19
<b>E. coli</b>	Negative	USP 31, NF 26, 2008
<b>Mold/Yeast</b>	NMT 1000 cfu/g	MFHPB 22
<b>Salmonella</b>	Negative	MFHPB 20
<b>Staph. aureus</b>	Negative	USP 31, NF 26, 2008

<b>CHEMICAL</b>		<i>Method</i>
<b>Pesticide Screen</b>	Undetected	USP 32/NF 27

Certified organic by OCIA; raw material also certified organic by OCPP-Pro-Cert Canada, Inc.



NUTRITIONAL					
<b>Fat</b>	3.6%	<b>Iron</b>	650 ppm	<b>Chromium</b>	2 ppm
<b>Sat. Fat</b>	N/A	<b>Phosphorus</b>	0.09%	<b>Vanadium</b>	7 ppm
<b>Calories</b>	N/A	<b>Total Nitrogen</b>	0.96%	<b>Boron</b>	97 ppm
<b>Protein</b>	6.5%	<b>Iodine (ppm)</b>	350-600 ppm	<b>Silver</b>	<1 ppm
<b>Fiber</b>	6.0%	<b>Aluminum</b>	142 ppm	<b>Barium</b>	9 ppm
<b>Carbohydrate</b>	54%	<b>Manganese</b>	77 ppm	<b>Beryllium</b>	<1 pm
<b>Sodium</b>	2.71%	<b>Zinc</b>	30 ppm	<b>Chloride</b>	3.4%
<b>Potassium</b>	2.9%	<b>Copper</b>	3 ppm	<b>Molybdenum</b>	<2.5 ppm
<b>Calcium</b>	1.5%	<b>Nickel</b>	3 ppm	<b>Titanium</b>	7 ppm
<b>Magnesium</b>	0.86%	<b>Cobalt</b>	<1 ppm	<b>Zirconium</b>	<2.5 ppm

### COUNTRY OF ORIGIN

Canada

### STORAGE & HANDLING

Hygroscopic and photosensitive material. Keep tightly closed and out of sunlight. Optimal storage: cool (30-60° F), dry (50-80 RH), away from odorous materials.

### SHELF LIFE

Best used within 3 years from production.

**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.

