

Icelandic ROCKWEED POWDER

(*Ascophyllum nodosum*)

PRODUCT SPECIFICATIONS

Typical Analysis

Data varies seasonally, with mesh size and moisture content

PHYSICAL CHARACTERISTICS

	Mesh	Moisture	Total Ash
Powder	70	NMT 10%	NMT 45%

Color: Olive green **Flavor:** Salty **Aroma:** Mild marine

Density: 1 cup granules = approx. 175g; 1 cup powder = approx. 188g

Hydration capacity: Holds 6 times dry weight in water; increases in volume 3-4 times when wet

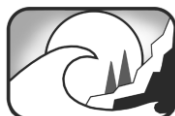
QUALITY CONTROL

METALS		Method
Arsenic, inorganic	<3 ppm	IC-ICP-MS
Lead	<5 ppm	SW-846 3050/SW-846 6010
Cadmium	<1.5 ppm	SW-846 3050/SW-846 6010
Mercury	<0.1 ppm	SW-846 7471/SW-846 7471

MICROBIOLOGICAL		Method
Total Aerobic Count	<100,000 cfu/g	AOAC 121204
E. coli	ND/10g	USP 31<62>
Coliforms	<100 cfu/g	AOAC 060702
Yeast/Mold	<1,000 cfu/g	AOAC 041001
Salmonella	ND/10g	USP 31<62>
Staph. aur.	ND/10g	USP 31<62>

CHEMICAL		Method
Pesticide Screen	Undetected	SW-846 8081A
Herbicide Screen	Undetected	SW-846 8151A
Petroleum Screen	Undetected	SW-846 8270C
PCBs Screen	Undetected	SW-846 8082

Certified Organic by OCIA; raw materials also certified organic by QAI/TUN (EU).



NUTRITIONAL					
Fat	2.0%	Calcium	2.1%	Zinc	12 ppm
Protein	8.5%	Magnesium	0.85%	Copper	4 ppm
Fiber	4.0%	Phosphorus	0.3%	Vitamin A	390 ppb
Carbohydrate	47.5%	Iron	622 ppm	Vitamin C	375 ppm
Iodine	500-1200 ppm	Chromium	0.8 ppm	Vitamin D	150 ppb
Sodium	4.0%	Aluminum	289 ppm	Vitamin E	110 ppm
Potassium	2.7%	Manganese	60 ppm		

AMINO ACIDS (% of total aminos)			
Alanine	5.52	Lysine	4.24
Arginine	5.47	Methionine	1.07
Aspartic Acid	9.88	Phenylalanine	3.54
Cystine	1.49	Proline	3.71
Glycine	5.70	Serine	4.92
Glutamic Acid	12.03	Threonine	4.60
Histidine	1.29	Tryptophan	1.68
Isoleucine	3.26	Tyrosine	3.52
Leucine	5.63	Valine	3.51

COUNTRY OF ORIGIN Iceland

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 other odorous materials.

SHELF LIFE 36 months

ROCKWEED (*Ascophyllum nodosum*) is a type of 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 is not guaranteed as conditions of sale.

