

TIDAL ORGANICS KELP MEAL

Analysis Report



Typical Analysis

Moisture	8-10%
Protein	8-10%
Fat	6.00%
Fiber	5.89%
Ash (Minerals)	24.66%
Carbohydrates	51.81%

Amino Acid Content

Alanine	4.88%
Arginine	9.45%
Aspartic Acid	5.45%
Cysteine	7.02%
Glycine	5.95%
Glutamic Acid	11.61%
Histidine	1.03%
Isoluecine*	2.79%
Luecine*	4.79%
Lysine*	10.86%
Methionine*	1.83%
Phenylalanine*	3.00%
Proline*	4.36%
Serine	2.23%
Threonine*	4.86%
Tryptophan*	1.25%
Trysine	2.47%
Valine*	3.03%
Hydroxyproline	0.17%

* Essential Amino Acid

Minerals

Aluminum	20-100 ppm
Arsenic	<3 ppm
Boron	80-100 ppm
Barium	15-50 ppm
Beryllium	<1 ppm
Calcium	1.0-3.0%
Cadmium	<1 ppm
Chlorine	1.0-3.0%
Cobalt	1-10 ppm
Chromium	<1 ppm
Copper	4-15 ppm
Iron	0.015-0.10%
Iodine	0.05-0.08%
Potassium	2.0-3.0%
Magnesium	0.5-1.0%
Manganese	0-5 ppm
Molybdenum	<1 ppm
Nitrogen	0.6-2.0%
Sodium	2.4-4.0%
Nickel	1-5 ppm
Phosphorus	0.1-0.2%
Lead	<1 ppm
Sulphur	2.0-2.3%
Selenium	3-4 ppm
Tin	<10 ppm
Strontium	100-200 ppm
Titanium	3-6 ppm
Vanadium	2-5 ppm
Zinc	35-100 ppm

Vitamins

Biotin	0.1-0.4 ppm
Carotene	30-60 ppm
Folic Acid	0.1-0.5 ppm
Folinic Acid	0.1-0.5 ppm
Niacin	10-30 ppm
Riboflavin	5-10 ppm
Thiamin	1-5 ppm
Vitamin E	150-300 ppm
Vitamin B12	<0.004 ppm
Vitamin C	100-2000 ppm
Vitamin K	<10 ppm

Information provided by Tidal Organics 07/28/15.

Typical analysis will vary due to naturally occurring changes in the seaweed.