

## Thorvin for Animals – Typical Analysis

### General (Average %)

Moisture	9.0
Protein	8.5
Crude Fiber	4.0
Total Ash (minerals)	29.0
Fat	2.0
Carbohydrates (Nitrogen-free extracts)	47.5
<i>Total</i>	100.0

### Macronutrients (%)

Ca	Calcium	2.1
Cl	Chlorine	6.5
K	Potassium	2.7
Mg	Magnesium	0.85
N	Nitrogen	1.4
Na	Sodium	4.0
P	Phosphorus	0.3
S	Sulfur	2.8

### Micronutrients (PPM)

Al	Aluminum	289
B	Boron	98
Co	Cobalt	4
Cr	Chromium	0.8
Cu	Copper	4
Fe	Iron	622
I	Iodine	780
Mn	Manganese	60
Mo	Molybdenum	2
Se	Selenium	0.5
Sn	Tin	6.5
Zn	Zinc	12

### VITAMINS

A	Retinol	390 ppb
B <sub>2</sub>	Riboflavin	4.9 ppm
B <sub>3</sub>	Niacin	182.6 ppm
C	Ascorbic Acid	375 ppm
D	Cholcalciferol	150 ppb
E	Alpha-tocopherol	110 ppm

### AMINO ACIDS (% OF TOTAL AMINO ACIDS)

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

Thorvin is a 100% natural organic marine algae product; therefore, a specific laboratory analysis may vary from the typical analysis due to naturally occurring fluctuations in the seaplant. The information presented above is believed to be accurate and reliable; however, Thorvin, Inc. makes no warranty, either express or implied, and assumes no liability for this information and the product described herein. These are averages and are not guaranteed as conditions of sale.

Ingredients: Dried Kelp\* (*Ascophyllum nodosum*)

\*USDA Certified 100% Organic

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