

TYPICAL ANALYSIS OF THE KELP USED IN THE PRODUCTION OF *Natrakelp Liquid* SEAWEED

COMPOSITION

ASH (MINERALS)	Max 23%	MOISTURE	Max 13%
FAT	Min 2.5%	CRUDE PROTEIN	Min 4%
CARBOHYDRATES	Min 50%	CRUDE FIBRE	6%

CARBOHYDRATES

ALGINIC ACID	18 - 27%	LAMINARIN	2 - 5%
MANNITOL	3 - 8%	OTHER SUGARS	20 - 22%

MINERALS AND TRACE ELEMENTS

ALUMINIUM (Al)	Max 120 ppm	MERCURY (Hg)	<1 ppm
BARIUM (Ba)	Max 15 ppm	MOLYBDENUM (Mo)	<2 ppm
BERYLLIUM (Be)	<1 ppm	NICKEL (Ni)	<1 ppm
BORON (B)	Min 80 ppm	NITROGEN (N)	Min 0.6%
CADMIUM (Cd)	<1 ppm	PHOSPHORUS (P)	Min 0.1%
CALCIUM (Ca)	Min 1.2%	POTASSIUM (K)	Min 1.5%
CHLORIDE (Cl)	Max 3.5%	SELENIUM (Se)	<1 ppm
CHROMIUM (Cr)	1 - 2 ppm	SODIUM (Na)	Max 3.5%
COBALT (Co)	<1 ppm	STRONTIUM (Sr)	100 - 600 ppm
COPPER (Cu)	Max 2 ppm	SULFUR (Sp)	Min 1.8%
IODINE (I)	Min 650 ppm	TIN (Sn)	<10 ppm
IRON (Fe)	Min 150 ppm	TITANIUM (Ti)	Max 10 ppm
LEAD (Pb)	<1 ppm	VANADIUM (V)	Max 5 ppm
MAGNESIUM (Mg)	Min 0.6%	ZINC (Zn)	Min 20 ppm
MANGANESE (Mn)	Min 25 ppm		

VITAMINS

BIOTIN	0.1 - 0.4 ppm	THIAMIN	1 - 5 ppm
CAROTENE	30 - 60 ppm	TOCOPHEROLS	150 - 300 ppm
FOLIC ACID	0.1 - 0.5 ppm	VITAMIN C	100 - 2000 ppm
NIACIN	10 - 30 ppm	VITAMIN B12	<0.004 ppm
RIBOFLAVIN	5 - 10 ppm	VITAMIN K	<10 ppm

AMINO ACID ANALYSIS (Average)

ALANINE	0.34%	LYSINE	0.30%
ARGININE	0.22%	METHIONINE	0.11%
ASPARTIC ACID	0.53%	PHENYLALANINE	0.24%
CYSTINE	0.07%	PROLINE	0.25%
GLUTAMIC ACID	0.71%	SERINE	0.27%
GLYCINE	0.30%	THREONINE	0.25%
HISTIDINE	0.07%	TRYOSINE	0.12%
ISOLEUCINE	0.26%	TRYPTOPHAN	0.06%
LEUCINE	0.38%	VALINE	0.27%

Please note product may vary slightly from typical analysis due to naturally occurring fluctuations in the kelp such as time of year, geographical location, plant life cycle and nutrient available to the kelp due to tidal conditions and tide flow. The above analysis is based on long term averages however Natrakelp make no guarantee that this analysis will always be a true description of the product.