

# Atmo



**Ulva lactuca** is a flat green algae useful for many applications like fish feed, animal feed, food additives, agriculture, cosmetics, pharmacology and medicine.

- \* Cosmetics => Ulva provides vitamins, minerals & amino acids like Aosaine used in reducing wrinkles in skin care.
- \* Pharma => Bioactive compounds (e.g. chlorophyll, beta carotein, lutein, ulvan...) with actions for Antioxidant, Anti-tumour & Anti-microbial.
- \* Agriculture => Pathogen control for different crops (ex. Blumeria graminis in Cereals).
- \* And more in other applications...

**Ulva lactuca**'s protein can represent up to 33% of the dry mass. It is rich in insoluble fibers and ulvan (particular polysaccharides with prebiotic action in human and animal intestines), and numerous trace elements including Omega 3 & Omega 6.

MINERALS		VITAMINS	
Type	mg/100g (approx)	Type	mg/100g (approx)
Ca	5000	B1	0.6
Mg	6000	B2	0.3
P	400	C	100
K	5000	A	0.3
Na	5000	E	1.6
Mn	9	Type	µg/100g (approx)
Fe	500	B12	60
Cu	5	B-Carotene	186
Zn	18	AMINO ACIDS	
I	26	Alanine - Aspartic Acid - Glutamic Acid - Glycine - Leucine - Lysine - Phenylalanine - Valine - Tyrosine	
Type	µg/100g (approx)		
Se	48		

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