



Nutress.

The Absolute Algae Supplier

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SPECIFICATION FOR FOOD

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Algae Powder *Chlorella sorokiniana*

Product name	100% <i>Chlorella sorokiniana</i>
Origin	Nijkerk, The Netherlands
Part used	Whole algae
Appearance and colour	Dark green powder
Odor and taste	Subtle briny, characteristic umami
Dry Matter	95,2g/100 g

Nutritional values per 100 gram*

Energy	1518,0 kJ	/ 365 kCal
Fats	14,0 g	
- Saturated fatty acid	4,8 g	
- Monounsaturated fatty acid	2,7 g	
- Polyunsaturated fatty acid	6,5 g	
Carbohydrates	13,1 g	
- of which sugars	4,9 g	
Fibers	14,1 g	
Protein	40,7 g	
Salt**	0,3 g	

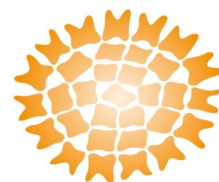
Vitamins		RDA
A (Retinol)	280,0 µg	35,0%
D	6,4 µg	128,0%
E (tocopherol)	19,9 mg	165,9%
C (Ascorbic Acid)	117,1 mg	146,4%
B1 (Thiamine)	0,3 mg	23,6%
B2 (Ribovlavin)	1,1 mg	75,7%
B3 (Niacin)	34,3 mg	214,1%
B6 (Pyridoxine)	3,2 mg	229,3%
B11 (Folate)	2,5 µg	1,3%
B5 (Pantothenic Acid)	0,4 mg	6,3%

Minerals		RDA
Potassium	1500,0 mg	75,0%
Calcium	126,0 mg	15,8%
Phosphorus	2100,0 mg	300,0%
Magnesium	230,0 mg	61,3%
Iron	11,9 mg	85,0%
Manganese	0,7 mg	35,0%
Zinc	7,9 mg	79,0%
Iodine	n.d.	

Carotenoids

Beta carotene	6,9 mg
Lutein	73,2 mg
Zeaxantine	6,7 mg

RDA Recommended Dietary Allowance
* all natural product, so results may vary
** only naturally occurring Sodium - no NaCl



Heavy Metals

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Mercury	< 0,01 mg / kg
Arsenic	< 0,02 mg / kg
Tin	< 0,1 mg / kg
Cadmium	< 0,01 mg / kg
Lead	< 0,01 mg / kg

Microbiology

Total plate count	< 1000 cfu / g
Enterobacteriaceae	< 100 cfu / g
Yeast and moulds	< 100 cfu / g
Staphylococcus aureus	< 10 cfu / g
Listeria monocytogenes	Absent in 25 g
Salmonella	Absent in 25 g

Handling

Packing	25 kg in bag
Pallet volume	1000 kg
Traceability	Best before date and batch code
Transport	Dry, dark and ambient temperature
Storage	Dry, dark and ambient temperature
Shelf life	2 years

Approved by

QA Manager
Phycom BV