



# Nutress.

The Absolute Algae Supplier

Nutress BV  
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## SPECIFICATION FOR FOOD

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### Algae Crude flakes *Chlorella sorokiniana*

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

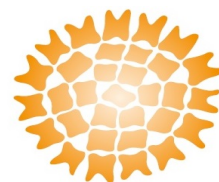
Vitamins		RDA
A (Retinol)	280,0 µg	35,0%
D	6,4 µg	128,0%
E (tocopherol)	19,9 mg	165,9%
C (Ascorbic Acid)	117,1 mg	146,4%
B1 (Thiamine)	0,3 mg	23,6%
B2 (Ribovlavin)	1,1 mg	75,7%
B3 (Niacin)	34,3 mg	214,1%
B6 (Pyridoxine)	3,2 mg	229,3%
B11 (Folate)	2,5 µg	1,3%
B5 (Pantothenic Acid)	0,4 mg	6,3%

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

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
e-Coli	Absent in 25 g
Listeria monocytogenes	Absent in 25 g
Salmonella	Absent in 25 g

## Handling

Packing	15kg in bag-in-box
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