



# Nutress.

The Absolute Algae Supplier

Nutress BV  
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## SPECIFICATION FOR FOOD

Document Date:  
07 March 2018  
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### Algae Paste *Chlorella vulgaris*

Product name	Algae Paste Chlorella vulgaris
Origin/ Processed	Nijkerk, The Netherlands
Ingredients	Whole algae and water
Appearance and colour	Intense green viscous liquid
Odor and taste	Subtle briny, slightly umami
Dry Matter	17,19 g/100 g

### Nutritional values per 100 gram\*

Energy	325,8 kJ	78,12 kCal
Fats	2,5 g	
- Saturated fatty acid	1,2 g	
- Monounsaturated fatty acid	0,7 g	
- Polyunsaturated fatty acid	0,6 g	
Carbohydrates	7,0 g	
- of which sugars	0,9 g	
Fibers	5,9 g	
Protein	4,1 g	
Salt**	0,4 g	

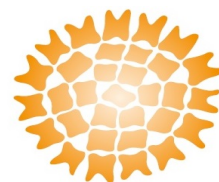
Vitamins		RDA
A (Retinol)	32,4 µg	4,1%
D	0,3 µg	6,7%
E (Tocopherol)	2,5 mg	20,8%
C (Ascorbic Acid)	15,1 mg	18,8%
B1 (Thiamine)	0,0 mg	4,4%
B2 (Ribovlavine)	0,1 mg	7,5%
B3 (Niacone)	3,0 mg	18,8%
B6 (Pyridoxine)	0,2 mg	12,2%
B11 (Folate)	0,4 µg	0,2%
B5 (Pantothenic Acid)	0,1 mg	2,0%

Minerals		RDA
Potassium	178,2 mg	8,9%
Calcium	8,8 mg	1,1%
Phosphorus	166,5 mg	23,8%
Magnesium	15,7 mg	4,2%
Iron	1,7 mg	12,1%
Manganese	0,5 mg	23,4%
Zinc	0,6 mg	6,2%
Iodine	n.d.	

### Caretenoids

Beta carotene	1,8 mg
Lutein	3,1 mg
Zeaxantine	0,4 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	< 10000 cfu / g
Enterobacteriaceae	< 1000 cfu / g
Yeast and moulds	< 1000 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	max. 900 kg in IBC
Pallet volume	1 IBC
Traceability	Exp. Date and Batch code
Transport	Dry, dark and ambient temperature
Storage	To be processed within 24hrs.
Shelf life	24 hrs

Approved by

QA Manager  
Phycom BV