

## SPECIFICATION FOR FEED

Document Date:  
 07 March 2018  
 Page 1/2

### 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
Crude ash	0,63 g/100 g

### Nutritional values per 100 gram\*

Energy	325,8 kJ	78,12 kCal
Crude 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	
Crude Protein	4,1 g	

### Vitamins

A (Retinol)	32,4 µg
D	0,3 µg
E (Tocopherol)	2,5 mg
C (Ascorbic Acid)	15,1 mg
B1 (Thiamine)	0,05 mg
B2 (Ribovlavine)	0,1 mg
B3 (Niacone)	3,0 mg
B6 (Pyridoxine)	0,2 mg
B11 (Folate)	0,4 µg
B5 (Pantothenic Acid)	0,1 mg

### Minerals

Potassium	178,2 mg
Calcium	8,8 mg
Phosphorus	166,5 mg
Magnesium	15,7 mg
Iron	1,7 mg
Manganese	0,5 mg
Zinc	0,6 mg
Iodine	n.d.
Fluorine	< 0,5 mg
Nitrite	< 0,2 mg
Sodium	26,8 mg

### Caretenoids

Beta carotene	1,8 mg
Lutein	3,1 mg
Zeaxantine	0,4 mg

\* all natural product, so results may vary



## Heavy Metals

Page 2/2

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

The feed to be delivered is GMP+ FSA assured  
Approved by

QA Manager  
Phycom BV