

## SPECIFICATION FOR FEED

Document Date:  
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 Page 1/2

### 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	95,2g/100 g
Crude ash	7,1g/100 g

### Nutritional values per 100 gram\*

Energy	1518 kJ	365 kcal
Crude 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	
Crude Protein	40,7 g	

### Vitamins

A (Retinol)	280,0 µg
D	6,4 µg
E (tocopherol)	19,9 mg
C (Ascorbic Acid)	117,1 mg
B1 (Thiamine)	0,3 mg
B2 (Ribovlavin)	1,1 mg
B3 (Niacin)	34,3 mg
B6 (Pyridoxine)	3,2 mg
B11 (Folate)	2,5 µg
B5 (Pantothenic Acid)	0,4 mg

### Minerals

Potassium	1500,0 mg
Calcium	126,0 mg
Phosphorus	2100,0 mg
Magnesium	230,0 mg
Iron	0,7 mg
Manganese	7,9 mg
Zinc	n.d.
Iodine	n.d.
Fluorine	< 0,5 mg
Nitrite	< 0,2 mg
Sodium	101,0 mg

### Carotenoids

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

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

QA Manager  
Phycom BV