

## SPECIFICATION FOR FEED

Document Date:  
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### Algae Cude flakes *Chlorella vulgaris*

Product name	100% <i>Chlorella vulgaris</i>
Origin	Nijkerk, The Netherlands
Part used	Whole algae
Appearance and colour	Fine, intense green flakes
Odor and taste	Subtle briny, slightly umami
Dry Matter	95,5 g/100 g
Crude ash	3,5 g/100 g

### Nutritional values per 100 gram\*

Energy	1810 kJ	434 kCal
Crude Fats	14,2 g	
- Saturated fatty acid	6,7 g	
- Monounsaturated fatty acid	4,1 g	
- Polyunsaturated fatty acid	3,4 g	
Carbohydrates	38,7 g	
- of which sugars	5,0 g	
Fibers	32,9 g	
Crude Protein	22,7 g	

### Vitamins

A (Retinol)	180,0 µg
D	1,9 µg
E (Tocopherol)	13,9 mg
C (Ascorbic Acid)	83,8 mg
B1 (Thiamine)	0,3 mg
B2 (Ribovlavine)	0,6 mg
B3 (Niacone)	16,7 mg
B6 (Pyridoxine)	1,0 mg
B11 (Folate)	2,0 µg
B5 (Pantothenic Acid)	0,7 mg

### Minerals

Potassium	990,0 mg
Calcium	49,0 mg
Phosphorus	925,0 mg
Magnesium	87,0 mg
Iron	9,4 mg
Manganese	2,6 mg
Zinc	3,5 mg
Iodine	n.d.
Fluorine	< 0,5 mg
Nitrite	< 0,2 mg
Sodium	149,0 mg

### Caretenoids

Beta carotene	10,0 mg
Lutein	17,0 mg
Zeaxantine	2,4 mg

\* all natural product, so results may vary



## 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

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

QA Manager  
Phycom BV