

SPECIFICATION FOR FEED

Document Date:
 07 March 2018
 Page 1/2

Algae Powder *Chlorella sorokiniana*

Product name	100% <i>Chlorella sorokiniana</i>
Origin	Nijkerk, The Netherlands
Part used	Whole algae
Appearance and colour	Dark green powder
Mesh size	< 200 µm
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	11,9 mg
Manganese	0,7 mg
Zinc	7,9 mg
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	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