

SPECIFICATION FOR FEED

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Algae Fesh paste *Chlorella sorokiniana*

Product name	Algae Paste Chlorella sorokiniana
Origin	Nijkerk, The Netherlands
Ingredients	Whole algae and water
Appearance and colour	Intense green viscous liquid
Odor and taste	Subtle briny, characteristic umami
Dry Matter	21,896 g/100 g
Crude ash	1,633 g/100 g

Nutritional values per 100 gram*

Energy	349,1 kJ
Crude Fats	3,2 g
- Saturated fatty acid	1,1 g
- Monounsaturated fatty acid	0,6 g
- Polyunsaturated fatty acid	1,5 g
Carbohydrates	3,0 g
- of which sugars	1,1 g
Fibers	3,2 g
Crude Protein	9,4 g

Vitamins

A (Retinol)	64,4 µg
D	1,5 µg
E (tocopherol)	4,6 mg
C (Ascorbic Acid)	26,9 mg
B1 (Thiamine)	0,1 mg
B2 (Ribovlavin)	0,2 mg
B3 (Niacin)	7,9 mg
B6 (Pyridoxine)	0,7 mg
B11 (Folate)	0,6 µg
B5 (Pantothenic Acid)	0,1 mg

Minerals

Potassium	345,0 mg
Iron	29,0 mg
Calcium	483,0 mg
Phosphorus	52,9 mg
Magnesium	2,7 mg
Manganese	0,2 mg
Zinc	1,8 mg
Iodine	n.d.
Fluorine	< 0,5 mg
Nitrite	< 0,2 mg
Sodium	23,2 mg

Carotenoids

Beta carotene	1,6 mg
Lutein	16,8 mg
Zeaxantine	1,6 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	< 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