



Nutress.

The Absolute Algae Supplier

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SPECIFICATION FOR FOOD

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Algae IQF pellets *Chlorella sorokiniana*

Product name	IQF
Origin	Nijkerk, The Netherlands
Ingredients	Whole algae and water
Appearance and colour	Intense green pellets
Odor and taste	Subtle briny, characteristic umami
Dry Matter	21,896 g/100 g

Nutritional values per 100 gram*

Energy	349,1 kJ	83,95 kCal
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	
Protein	9,4 g	
Salt**	0,1 g	

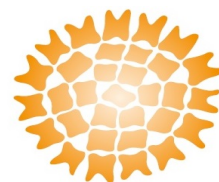
Vitamins		RDA
A (Retinol)	64,4 µg	8,1%
D	1,5 µg	29,4%
E (tocopherol)	4,6 mg	38,2%
C (Ascorbic Acid)	26,9 mg	33,7%
B1 (Thiamine)	0,1 mg	5,4%
B2 (Ribovlavin)	0,2 mg	17,4%
B3 (Niacin)	7,9 mg	49,2%
B6 (Pyridoxine)	0,7 mg	52,7%
B11 (Folate)	0,6 µg	0,3%
B5 (Pantothenic Acid)	0,1 mg	1,5%

Minerals		RDA
Potassium	345,0 mg	17,3%
Calcium	29,0 mg	3,6%
Phosphorus	483,0 mg	69,0%
Magnesium	52,9 mg	14,1%
Iron	2,7 mg	19,6%
Manganese	0,2 mg	8,1%
Zinc	1,8 mg	18,2%
Iodine	n.d.	

Carotenoids

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

RDA Recommended Dietary Allowance
 * all natural product, so results may vary
 ** only naturally occurring Sodium - no NaCl



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	1 year

Approved by

QA Manager
Phycom BV