

## SPECIFICATION FOR FEED

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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	1,472 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**

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

The feed to be delivered is GMP+ FSA assured

Approved by

QA Manager

Phycom BV