



Marin Biotechnology Products and Food Company Limited

## Algome™

### Product Description

Microalgae biomass in powder form containing high level of polyunsaturated omega-3 fatty acids (DHA and DPA). The appearance is golden yellow and homogeneous free flowing powder.

### Nutritional Composition

---

DHA	≥ % 20
Total fat	≥ % 65
Crude protein	≥ % 12
Moisture	≤ % 5

(See vitamin and amino acid profiles in the end of document.)

### Storage

The product should be stored in a dry place under 25 °C, avoid direct sunlight and do not co-store with toxic or hazardous materials.

### Shelf life

12 months under 25 °C in closed package

### Packing

Product is vacuum packed and sealed in 2,5 kg plastic bag. 5 bags take place in one box having dimensions 32 x 32 x 35 cm. 45 boxes take place in 1 europalette.



Marin Biotechnology Products and Food Company Limited

<b>Vitamin profile</b>	<b>Concentration*</b>
Astaxanthin, mg/kg	168.52 ± 47.15
Biotin, mg/kg	0.84 ± 0.23
Choline, mg/kg	956.63 ± 312.24
Folic acid, mg/kg	2.33 ± 0.46
Niacin, mg/kg	64.48 ± 19.32
Vitamin A, true retinol, IU/kg	440.00 ± 65.00
β-Carotene, IU/kg	29,179.33 ± 4,743.07
Vitamin B <sub>1</sub> , thiamine HCl, mg/kg	7.99 ± 3.89
Vitamin B <sub>2</sub> , riboflavin, mg/kg	21.89 ± 7.17
Vitamin B <sub>6</sub> , mg/kg	6.58 ± 3.15
Vitamin C, ascorbic acid, mg/kg	92.22 ± 41.72
Vitamin E, IU/kg	6.60 ± 1.38
Vitamin B <sub>12</sub> , µg/kg	535.70 ± 166.45
Pantothenic acid, mg/kg	18.02 ± 4.16



Marin Biotechnology Products and Food Company Limited

<b>Amino acid profile</b>	<b>% dry weight*</b>
Tryptophan	0.16 ± 0.02
Aspartic acid	1.37 ± 0.16
Threonine	0.68 ± 0.05
Serine	0.71 ± 0.03
Glutamic acid	5.83 ± 1.93
Proline	0.70 ± 0.41
Glycine	0.79 ± 0.13
Alanine	0.92 ± 0.15
Cystine	0.26 ± 0.05
Valine	0.73 ± 0.06
Methionine	0.43 ± 0.03
Isoleucine	0.51 ± 0.05
Leucine	0.93 ± 0.10
Tyrosine	0.36 ± 0.11
Phenylalanine	0.62 ± 0.09
Histidine	0.53 ± 0.10
Lysine	0.82 ± 0.10
Arginine	3.03 ± 0.89

\* The data are presented as the mean value + standart deviation