

Appendix 10

Nutritional Profile of DHA-rich Algal Oil

Nutritional Profile:

(Values listed are per 100g)

Martek DHA™-S

Martek DHA™-S is a natural product, and due to the characteristics of the producing organism, some variability in the nutritional values will be observed from lot to lot.

Basic Components

Calories	873
Calories from Fat	847
Calories from Saturated Fat	305
KiloJoules	3620
Protein	0.00 g
Carbohydrates	0.00 g
Sugar – Total	0.00 g
Monosaccharides	0.00 g
Galactose	0.00 g
Glucose	0.00 g
Fructose	0.00 g
Disaccharides	0.00 g
Lactose	0.00 g
Sucrose	0.00 g
Maltose	0.00 g
Fat – Total	93.3 g
Saturated Fat	33.6 g
Mono Fat	2.3 g
Poly Fat	55.3 g
Trans Fatty Acids	0.0 g
Cholesterol	575 mg
Water	0.03 g
Ash	0.00 g
Nitrogen (by Kjeldahl)	<0.02 g
Unsaponifiable Matter	1.78 g

Vitamins

Vitamin A IU	4822 IU
Vitamin A RE	1607 mcg
Vitamin A – Retinol	0.00 mcg
Vitamin A – Beta Carotene	4822 IU
Thiamin (B ₁)	0.00 mg
Riboflavin (B ₂)	0.00 mg
Niacin (B ₃)	0.00 mg
Niacin Equiv.	0.00 mg
Vitamin B ₆	0.00 mg
Vitamin B ₁₂	0.00 mcg
Biotin	0.00 mcg
Vitamin C	0.00 mg
Vitamin D IU	6720 IU
Vitamin D mcg	168 mcg
Vitamin E IU	185 IU
Vitamin E Alpha-Tocopherol	115 mg
Folate	0.00 mcg
Folate DFE	0.00 mcg
Vitamin K	3120 mcg
Pantothenic Acid	0.00 mg

Minerals

Boron	0.00 mcg
Calcium	0.00 mg
Chloride	0.00 mg
Chromium	0.00 mcg
Copper	0.00 mg
Fluoride	0.00 mg
Iodine	0.00 mcg
Iron	0.00 mg
Magnesium	0.10 mg
Manganese	0.00 mg
Molybdenum	0.130 mcg
Phosphorus	2.0 mg
Potassium	3.0 mg
Selenium	0.00 mcg
Sodium	0.00 mg
Zinc	0.38 mg

Saturated Fats

4:0-Butyric	0.00 g
6:0-Caproic	0.00 g
8:0-Caprylic	0.00 g
10:0-Capric	0.00 g
12:0-Lauric	0.29 g
14:0-Myristic	8.39 g
16:0-Palmitic	23.30 g
17:0-Margaric	0.00 g
18:0-Stearic	0.68 g
20:0-Arachidic	0.18 g
22:0-Beheenate	0.11 g
23:0-Tricosanoic	0.18 g
24:0-Lignoceric	0.21 g

Mono Fats

14:1-Myristoleic	0.00 g
15:1-Pentadecenoic	0.13 g
16:1-Palmitoleic	0.42 g
17:1-Heptadecenoic	0.00 g
18:1-Oleic	1.42 g
20:1-Eicosenoic	0.00 g
22:1-Erucic	0.00 g
24:1-Nervonic	0.35 g

Poly Fats

18:2n6-Linoleic	0.40 g
18:3n3-Linolenic	0.00 g
18:3n6-Linolenic	0.23 g
18:4n3-Stearidonic	0.00 g

20:3n6-Dihomogamma-Linolenic	0.38 g
20:4n6-Arachidonic	0.62 g
20:5n3-EPA	1.59 g
22:5n3-DPA	0.29 g
22:5n6-DPA	13.67 g
22:6n3-DHA	35.50 g

Other Fats

Omega 3 Fatty Acids	38.8 g
Omega 6 Fatty Acids	16.5 g

Amino Acids

Alanine	0.00 g
Arginine	0.00 g
Aspartate	0.00 g
Choline	0.00 mg
Cystine	0.00 g
Glutamate	0.00 g
Glycine	0.00 g
Histidine	0.00 g
Isoleucine	0.00 g
Leucine	0.00 g
Lysine	0.00 g
Methionine	0.00 g
Phenylalanine	0.00 g
Proline	0.00 g
Serine	0.00 g
Threonine	0.00 g
Tryptophan	0.00 g
Tyrosine	0.00 g
Valine	0.00 g

Other

Alcohol	0.00 g
Caffeine	0.00 mg
Artif Sweetener – Total	0.00 mg
Aspartame	0.00 mg
Saccharin	0.00 mg
Sugar Alcohol	0.00 g
Glycerol	0.00 g
Inositol	0.00 g
Mannitol	0.00 g
Sorbitol	0.00 g
Xylitol	0.00 g
Organic Acids	0.00 mg
Acetic Acid	0.00 mg
Citric Acid	0.00 mg
Lactic Acid	0.00 mg
Malic Acid	0.00 mg

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