



Oilgin® Algae Oil DHA

Oilgin[®] Algae Oil DHA

DHA product contains six categories: infant formula, fortified foods and beverages, nutritional supplements, pharmaceuticals, clinical nutrition products, pet food, treats and supplements.

Food

Beverage

Infant formulas

Dietary supplement

Softgels

Recommended Nutrient Intake of Oilgin[®] Algae Oil

According to the IOM(Institute of Medicine):

Age	Dosage
0-3 years old	100mg/day
4-18 years old	90-190mg/day
Adults	160mg/day
Pregnant women	200mg/day



Oilgin® Algae Oil DHA

Oilgin® Algae Oil DHA is commercially manufactured from microalgae Schizochytrium. It is a vegetable-source DHA.

DHA stands for docosahexaenoic acid. It is a long-chain Omega-3 polyunsaturated fatty acid that has been shown to have substantial health benefits to both pregnant women and kids. It cannot be synthesized by human body itself but supplied by food.

DHA is a main element to maintain neurological cell growth and an important composition of brain (about 20% in human brain cortex) and retina (about 50% in retina).

Oilgin® Algae Oil DHA

Oilgin® Algae Oil DHA Oil/Winterized Oil 35%
Oilgin® Algae Oil DHA Oil/Winterized Oil 40%
Oilgin® Algae Oil DHA Winterized Oil 50%
Oilgin® Algae Oil DHA Powder 10%
Oilgin® Algae Oil DHA Powder 17%
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Oilgin® Algae Oil DHA

• For Brain

- Mental development
- Nervous system development
- Prevent Alzheimer disease

• For Eyes

- Protect photoreceptors
- Maintain retinal pigment epithelial cell health
- Precursor to neuroprotective/retinal

• For Heart

- Reduce blood cholesterol
- Reduce blood viscosity
- Increase high-density lipoprotein

• For Immune

- Enhanced B cell activation
- Select antibody production

Oilgin® Algae Oil DHA

High concentration
No fishy odour
High clarity
Physical extraction without using solvent

DHA's importance for pregnant women

Level of DHA in maternal serum and umbilical serum.

A.B.C stands for consumption of DHA per day (A<80mg/day; B 80~159mg/day; C>160mg/day).

Group	Level of DHA($\bar{x} \pm s$)				
	Maternal serum (20 \pm 2 weeks)	Maternal serum (32 \pm 2 weeks)	Maternal serum (37weeks)	Umbilical serum	Maternal serum (4 weeks after birth)
A	90.11 \pm 21.09	110.20 \pm 12.56	121.43 \pm 25.01	60.28 \pm 12.98	80.12 \pm 33.24
B	125.25 \pm 33.66	146.30 \pm 14.26	151.65 \pm 13.15	80.82 \pm 20.65	100.84 \pm 27.22
C	186.23 \pm 26.82	198.06 \pm 15.55	210.32 \pm 15.38	146.63 \pm 15.82	179.48 \pm 22.56

DHA's importance for baby

Comparison of intellectual development with different consumption. (A<80mg/day; B 80~159mg/day; C>160mg/day).

MDI: mental development index ; PDI: psychomotor development index.

Group	MDI($\bar{x} \pm s$)	PDI($\bar{x} \pm s$)
A	89.45 \pm 15.12	77.23 \pm 11.67
B	103.88 \pm 16.30	90.36 \pm 13.68
C	112.50 \pm 11.78	100.88 \pm 12.38





Oilgin® 藻油DHA

Oilgin[®] 藻油DHA应用

食品
饮料
婴儿配方
膳食补充剂
软胶囊

Oilgin[®] 藻油DHA推荐剂量

根据医学研究所:

年龄	剂量
0-3岁	100mg/天
4-18岁	90-190mg/天
成年人	160mg/天
孕妇	200mg/天



Oilgin® 藻油DHA描述

Oilgin® 藻油DHA是商业化生产的, 来源于裂殖壶藻菌, 是一种素食来源的DHA。

DHA代表二十二碳六烯酸。它是一种长链 Ω -3多不饱和脂肪酸, 已被证明对孕妇和儿童的健康都有很大的好处。它不能由人体自身合成, 而是由食物提供。

DHA是维持神经细胞生长的主要元素, 也是大脑(约占人脑皮层的20%)和视网膜(约占视网膜的50%)的重要组成部分。

Oilgin® 藻油DHA规格

Oilgin® 藻油 DHA 油/冬化油 35%
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Oilgin® 藻油 DHA 冬化油 50%
Oilgin® 藻油 DHA 粉10%
Oilgin® 藻油 DHA 粉 17%
Oilgin® 藻油 DHA 粉 20%
Oilgin® DHA 微藻藻粉 18%
Oilgin® DHA 微藻藻粉20%

Oilgin® 藻油DHA功效

● 对大脑

智力发育
神经系统发育
预防阿尔兹海默症

● 对眼睛

保护光感受器
维持视网膜色素上皮细胞健康

● 对心脏

降低血液胆固醇
降低血液粘度
增加高密度脂蛋白

浓度高
没有鱼腥味
透明度高
不使用溶剂的物理提取

DHA对孕妇的重要性

母体血清和脐血中DHA的水平

A.B.C代表每日DHA的摄入量(A<80mg/天;B 80~159mg/天;C>160mg/天)。

分组	DHA水平 (x±s)				
	产妇血清 (20±2 周)	产妇血清 (32±2 周)	产妇血清 (37周)	脐带血清	产妇血清 (出生后4周)
A	90.11±21.09	110.20±12.56	121.43±25.01	60.28±12.98	80.12±33.24
B	125.25±33.66	146.30±14.26	151.65±13.15	80.82±20.65	100.84±27.22
C	186.23±26.82	198.06±15.55	210.32±15.38	146.63±15.82	179.48±22.56

DHA对婴儿的重要性

不同消费下智力发展的比较。(< 80毫克/天;B 80 ~ 159毫克/天;C > 160毫克/天)

MDI:心理发展指数;PDI:精神运动发展指数

分组	MDI(x±s)	PDI(x±s)
A	89.45±15.12	77.23±11.67
B	103.88±16.30	90.36±13.68
C	112.50±11.78	100.88±12.38

