

Special product-DHA

E-Newsletter-August.2021

Kangcare Bioindustry Co.,Ltd



Kangcare is a bio-science technology based company in the global market with a team of specialists, who focuses on developing and marketing innovative and proven bioactive ingredients, and delivering science-based health and beauty solutions to customers. We always provide follow-up service, technical support and innovation suggestions, to meet customers' demands and help them to be successful.

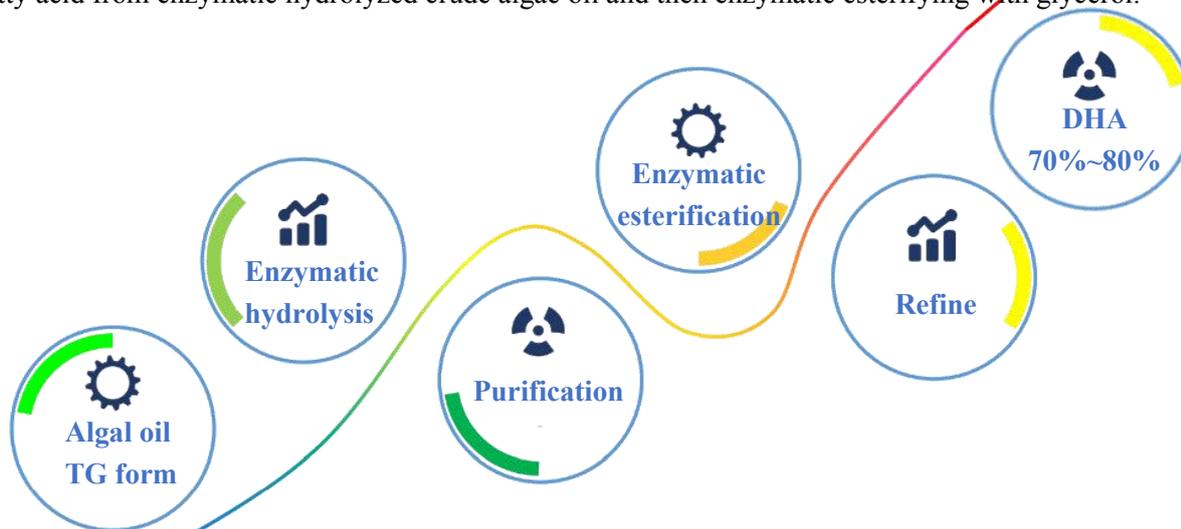
The following is the Special products developed by our company recently:



Oilgin® DHA Algae Oil 70%

Description:

Oilgin® DHA Algae Oil 70% is TG form algae oil obtained by using molecular distillation to purify DHA fatty acid from enzymatic hydrolyzed crude algae oil and then enzymatic esterifying with glycerol.





Process characteristics:

1. The whole process does not use solvents, environmental protection and safety.
2. Every step is a material that can be found in nature, green and natural.
3. High concentration, triglyceride type over 92%.
4. High purity, multi-stage molecular distillation series make the concentration of polyunsaturated fatty acids more than 95%.

Advantages of triglyceride type DHA:

1. The form is more natural
2. Higher absorption rate and absorption rate
3. It doesn't consume its own lipase



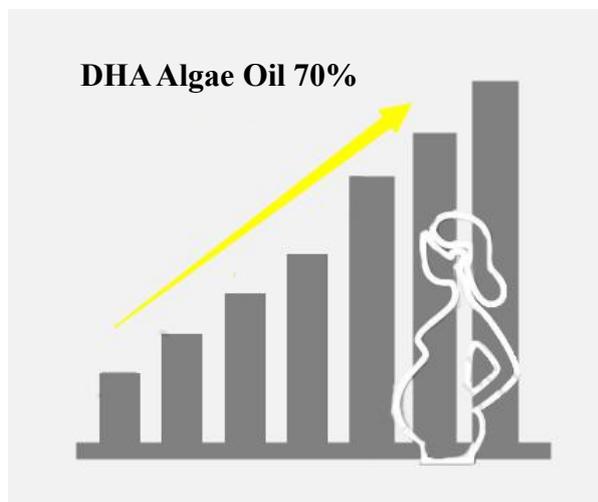
Application advantages:

1. Low dosage, high absorption
2. Good taste, low fishy taste
3. Not easy to oxidize, easy to preserve
4. In the infant dispensing industry, algae oil addition is generally wrapped with DHA algae oil by microencapsulation technology. At present, the powder content of DHA after wrapping is about 7-10%. Embedding algae oil with high content of DHA can greatly increase the content of DHA in algae oil powder.

Advantages and market space of high content DHA:

Since the discovery of omega-3 polyunsaturated fatty acids, governments and scientists have paid more attention to the role of omega-3 fatty acids and lipid metabolism. So far, thousands of research institutions around the world have published more than 25,000 research papers on more than 60 diseases of the cardiovascular system, nervous system, lung, kidney, liver, eye, reproductive system and other organ systems in international professional media such as Nature, Science and National Geographic. Moreover, with a four-digit annual proliferation of published research papers in recent years, omega-3 has become one of the most studied and widely studied nutrients in the world.

According to the data, the global DHA market size is expected to reach \$5.266 billion by 2022, with a compound annual growth rate of 14.58%.



We conclude that the DHA Algae Oil 70% has a potentially important role to play in increasing the supply of omega-3 LC-PUFA because it is available more widely and in higher concentrations, providing more options and opportunities for human consumers to obtain sufficient DHA to support more healthy, balanced diets.

At present, the concentration of DHA algae oil on the domestic market is 40-45%, and we are one of the few manufacturers that can provide high concentration (70%) DHA algae oil stably.



特色规格-DHA

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Kangcare 是一家以生命科学技术为基础的全球企业，拥有一支专业团队，致力于开发和销售创新的、经过验证的生物活性成分，为客户提供科学的健康和美容解决方案。我们始终提供跟踪服务、技术支持和创新建议，以满足客户的需求，帮助他们成功。

以下是我公司最近开发的特色规格:



Oilgin® DHA Algae Oil 70%

产品介绍:

Oilgin® DHA Algae Oil 70% 是从藻油中提取的，通过分子蒸馏法从酶解的粗藻类油中纯化 DHA 脂肪酸，再与甘油酶法酯化。





工艺特点:

1. 整个过程没有用到溶剂，环保安全。
2. 每个步骤都为自然界能够找到的物质，绿色天然。
3. 浓度高，甘油三酯型含量超过 92%。
4. 纯度高，多级分子蒸馏串联使多不饱和脂肪酸的浓度超过 95%

甘油三酯型 DHA 的优势:

1. 形态更接近天然
2. 吸收速度与吸收率更高
3. 不消耗自身的脂肪酶



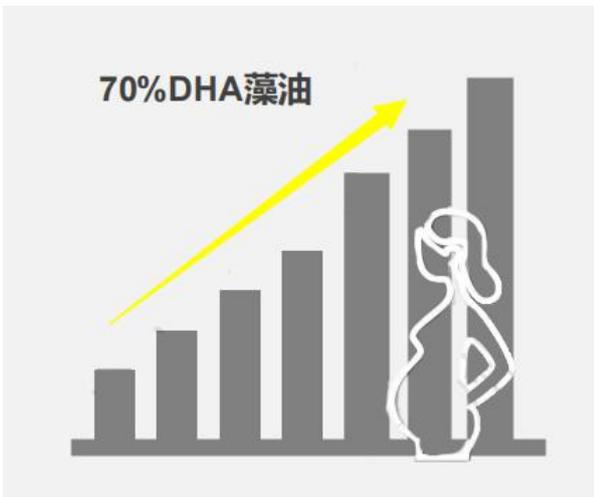
应用优势:

- 1.低剂量，高吸收率
- 2.味道好，味道低
- 3.不易氧化，易保存
- 4.在婴幼儿配药行业，海藻油添加一般采用 DHA 海藻油微胶囊技术包裹。目前，包装后的 DHA 粉含量约为 7-10%。将 DHA 含量高的藻油包埋，可大大提高藻油粉中 DHA 的含量。

高含量 DHA 的优势和市场空间:

自 omega-3 多不饱和脂肪酸被发现以来，各国政府和科学家越来越重视 omega-3 脂肪酸在脂肪代谢中的作用。迄今为止，全球数千家研究机构在《自然》、《科学》、《国家地理》等国际专业媒体上发表了超过 25000 篇研究论文，涉及心血管系统、神经系统、肺、肾、肝、眼、生殖系统等器官系统的 60 余种疾病。此外，随着近年来发表的研究论文每年增长四位数，omega-3 已成为世界上研究最多、研究最广泛的营养物质之一。

数据显示，到 2022 年，全球 DHA 市场规模预计将达到 52.66 亿美元，复合年增长率为 14.58%。



我们得出这样的结论：DHA 藻油 70%有一个潜在的重要作用增加 omega-3 的供应 LC-PUFA 因为它是可用的更广泛的和更高的浓度,为人类提供更多的选择和机会消费者获得足够的 DHA 支持更多的健康、平衡的饮食。

目前国内市场 DHA 藻油的浓度大多为 40-45%，我司是少数能稳定提供高浓度(70%)DHA 藻油的厂家之一。