



PRODUCT PROFILE

Golden Omega™ Fish Oil Concentrates

are highly pure Omega-3 concentrates with up to 750 mg/g EPA + DHA combined.

All the crude oil used as raw material in Golden Omega's production has been verified as "pure anchovy from the South Pacific Ocean". Golden Omega's manufacturing facility is strategically located in the middle of the richest fishing ground for anchovy in the world, and it is also vertically integrated from fisheries which guarantees control over the supply chain and full traceability from the fishing to the final Omega-3 product. The crude oil is sourced from selected Friend of the Sea and IFFO RS certified fishing companies in Chile and Peru, including its shareholders.

Due to the strategic location and the freshness of the starting material, Golden Omega Fish Oil Concentrates have a very good sensory profile. The new manufacturing plant uses the latest technology and can guarantee good organoleptic properties, with very low peroxide and anisidine values (TOTOX is typically 3 - 5). Furthermore, the levels of contaminants are far below the established European regulatory guidelines.

Thanks to the **OmegaTri™ technology** Golden Omega fish oil concentrates can be included in tablets by preparing complexes of omega-3 fatty acids and cyclic polyglucose, resulting in a Direct Compressible (DC) Omega-3 powder.

WHY IS THE OMEGATRI™ POWDER TECHNOLOGY DIFFERENT FROM OTHERS?

Including high amounts of oil into a powder to be compressed into a tablet is challenging. OmegaTri™ have managed to achieve this, offering scientifically proven benefits and excellent stability.

GOtab is pure, high quality Golden Omega fish oil concentrates, optimized by OmegaTri™ technology into a direct compressible powder for tablets.

PRODUCT ADVANTAGES

- ✓ Patent Pending technology
- ✓ Guaranteed no reflux or fishy aftertaste
- ✓ Proven Fast Bioavailability
- ✓ High Oxidative Stability
- ✓ No gelatin
- ✓ DC (direct compressible) powder
- ✓ Odorless and tasteless
- ✓ Multiple product opportunities
- ✓ 2 years' shelf-life
- ✓ Halal Certified

WHY FISH OIL IN A TABLET?

- It allows Golden Omega Fish Oil Concentrates to be combined with other ingredients in one convenient unit: the tablet.
- Tablets can be prepared in any size or shape and added color or taste, without compromising stability.

PRODUCT PROFILE

- Tablets are the most stable and inexpensive application form available.
- A great share of the global population avoids gelatin. An Omega-3 tablet represents an odour-free, tasteless alternative without use of gelatin.
- Not all food supplement companies have a softgel production facility or can afford the minimum order quantities a soft gel contract manufacturer requires to run a production lot. Tablets represent the affordable and easily available alternative.

SCIENTIFIC EVIDENCE

- 3 studies performed on reflux (available on request) – no fishy aftertaste reported.
- Significantly shorter time to reach maximum concentration of EPA and DHA were observed for Omega-3 formulated in a tablet: results in studies suggested that uptake of lipids from tablets is less dependent on simultaneous food intake¹.
- High Oxidative Stability: The molecular encapsulation of each lipid molecule by cyclic polyglucose ensures a product stable to oxidation, therefore providing an attractive shelf-life².

1. Vestland T, Asberg A, Klaveness A, and Klaveness J: Bioavailability of Eicosapentaenoic Acid and Docosahexaenoic Acid from Omega-3 Tablets. *SciMedCentral*. 2017.
 2. Vestland T, Petersen L, Myrset A, and Klaveness J: Oxidative Stability of omega-3 tablets. *European Journal of Lipid Science and Technology*. 2016.

PRODUCT OPPORTUNITIES

-  OMEGA 3 + LUTEIN / CAROTENOIDS
-  OMEGA 3 + ZINC
-  OMEGA 3 + VITAMINS B1, B6 & B12
-  OMEGA 3 + GLUCOSAMINE CHONDROITINE
-  OMEGA 3 + FOLIC ACID (VITAMIN B9)
-  OMEGA 3 + STEROLS

GOTAB AVAILABLE GRADES

	Refined Fish Oil Conc. (TG)	Total Omega-3	EPA + DHA	EPA	DHA	Starting Fish Oil Concentrate
G0tab 90/60	300mg/g	>180mg/g	>150mg/g	>90mg/g	>60mg/g	33/22 TG
G0tab 120/90	300mg/g	>234mg/g	>210mg/g	>120mg/g	>90mg/g	400300 TG
G0tab 30/150	300mg/g	>201mg/g	>180mg/g	>30mg/g	>150mg/g	1055 TG

Putting G0tab into a tablet requires only a minimum of excipients. You can usually include up to 96% of the powder in the tablet formulation.

about



Golden Omega is a young Chilean company focused on producing high quality Omega 3 concentrates.

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