



Golden Omega® Fish Oil concentrates are high-quality, traceable and sustainable Omega-3 concentrates up to 700 mg/g EPA and DHA combined, produced from Orivo-Verified Pure Anchovy from the South Pacific.



PRODUCT PROFILE SHEET

Golden Omega®'s manufacturing facility is strategically located in Arica (Chile), in the middle of the richest fishing ground in the World, in the South Pacific Ocean.

The factory is vertically integrated from fisheries, which guarantees control and full traceability.

All the crude oil used in Golden Omega®'s production has been verified by Orivo as Pure Anchovy from the South Pacific

Golden Omega®'s key advantages relate to the state-of-the-art facility, uniquely and strategically located near the fishing resource, a strong R&D orientation and novel patented processes.

All of this allows Golden Omega® to be **a step beyond in quality and purity for Omega-3 concentrates.**



Product Advantages

- ✓ **Strategic Location in front of the South Pacific Ocean**
Fresh raw material, full control and traceability
- ✓ **Verified by Orivo as Pure Anchovy from the South Pacific**
- ✓ **Unique Patented Concentration Technology**
Selective Crystallization
- ✓ **Unique Patented Purification Process**
Extremely low in contaminants
- ✓ **Extremely Low Oxidation Parameters**
TOTOX typically below 5
- ✓ **Extremely Clear Appearance (quality you can see)**
- ✓ **Halal Certified**

Manufacturing Process

Strategic Location

The production facility is located in the northern Chile just besides the fisheries, in the middle of the richest fishing ground worldwide.





Golden Omega[®] is vertically integrated from fisheries which guarantees control over the supply chain and full traceability from the fishing to the final Omega-3 product.

State-of-the-art Facility

Golden Omega[®]'s facility has the latest available European technology for the processing of Omega-3 oils. The production facility includes the area for the novel patented **Selective Crystallization** concentration technology which has been fully developed by Golden Omega[®]'s R&D team.

Pilot Plant

The pilot plant is a replica of the commercial plant and allows Golden Omega[®] to develop customized products and continuously improve the processes and quality of the fish oil concentrates.



R&D Orientation

Golden Omega[®]'s R&D department has a vast experience in the processing of Omega-3 fatty acids, materialized in **three international patents** (US8258330, US8586772 y US8957231):

US8258330: Carrier fluid composition comprising fatty acids ethyl esters and process for reducing the concentration of persistent organic pollutants in fish oil.

US8586772: Method for producing a concentrate of eicosapentaenoic and docosahexaenoic acid esters.

US8957231: Concentrate of Omega-3. An efficient and simple process to obtain a concentrate that includes over 80% in weight of ethyl esters of Omega-3 fatty acids.

Quality Assurance

Golden Omega[®]'s novel patented purification process (Second Generation Stripping Technology) and the fact that they use Pure Anchovy from the South Pacific (Orivo

verified), allow Golden Omega[®] to offer fish oil concentrates with very low levels of contaminants and pollutants.

Golden Omega[®]'s typical values for these contaminants are significantly lower than the maximum levels set by the GOED Voluntary Monograph or EU directives for these fish oil products.

Furthermore, short transportation routes and the freshness of the starting material are two key aspects for Golden Omega[®]'s excellent sensory profile. Golden Omega[®]'s Omega-3 concentrates are extremely low in peroxide value, p-anisidine value and TOTOX (typically 3-5), far below the maximum values set up in the GOED Voluntary Monograph.

Extremely clear Omega3 concentrates

The EE concentrates are Gardner colour 1.5 or below, and the TG concentrates are Gardner colour 2 or below. This is due to a novel R&D development which allows Golden Omega[®] to remove in a much deeper way some unwanted compounds in the oil.



Certifications

Golden Omega[®] holds a wide range of globally recognised certifications and memberships that ensure quality, sustainability, and safety in its omega-3 products:

- **ORIVO:** Certification verifying that the crude fish oil used in Golden Omega[®] production is pure anchovy sourced from the South Pacific.
- **IFOS (International Fish Oil Standards):** Rigorous third-party testing program that certifies omega-3 products for purity, potency, and compliance with international standards.
- **GOED (Global Organization for EPA and DHA Omega-3s):** Golden Omega[®] is a proud member of GOED, a global trade association committed to advancing quality, safety, and accurate labelling in the omega-3 industry.
- **Friend of the Sea:** Certification ensuring responsible management of wild fisheries and aquaculture, promoting sustainable marine practices.



- **Marin Trust:** Certification guaranteeing responsible, traceable and sustainable supply chains.
- **NSF (Good Manufacturing Practice Certification):** Independent verification ensuring Golden Omega's facility meets strict cGMP standards for dietary supplement manufacturing.
- **Dolphin Safe:** Certification guaranteeing that no dolphins are harmed or killed as bycatch during the fishing process.
- **Green-e™:** Certification confirming that 100% of the electricity used at Golden Omega's facility is sourced from verified renewable energy.
- **Halal Certified:** Complies with ethical dietary and religious standards, enabling Golden Omega to cater to diverse preferences and practices.



Sustainability

Golden Omega maintain an ongoing, long-term commitment to environmental protection and the sustainable management of resources.

This includes actions that exceed compliance with current regulations, as well as active cooperation with national authorities and organizations.

From Sustainable Sources

Golden Omega produces all its Omega-3 concentrates exclusively from Pure Anchovy in the South Pacific with minimal impact on biodiversity earning their fish oils various certifications.

Environment Protection and Eco-Friendly Operations

- The production unit is close to the fisheries therefore, there is no need for transportation of the crude oil. Golden Omega assembles their own drums at the facility which saves 90% transportation of drums.
- Their production process generates zero oil waste. Any oil fractions not used in their final products are sold as by-products for various industrial applications.
- Golden Omega's facility in northern Chile is powered entirely by 100% clean and renewable energy, demonstrating their commitment to sustainable operations and a greener future.

- Golden Omega have built the first seawater desalination plant. This allows them to secure a stable water supply and cut Arica's potable water usage by more than 6,500 people's daily consumption

Social Responsibility

Golden Omega's Community Engagement Strategy included:

- **Educational Partnerships:** Collaborated with local technical and university institutions to design relevant curricula and offer internships, supporting economic diversification and preparing the workforce for high-value jobs.
- **Environmental Stewardship:** Launched "Zero Plastic Waves" with NGOs and municipal authorities, featuring beach clean-ups and marine conservation workshops to protect the South Pacific environment.
- **Sports & Healthy Living:** Sponsored local surf and bodyboarding events to promote active lifestyles.
- **Cultural Engagement:** Supported the Arica Nativa Film Festival (heritage and sustainability) and the Andean Carnaval Con la Fuerza del Sol, celebrating northern Chile's vibrant culture.

Research

They adapt and promote research and development of new solutions which has led them to be recognised as the fifth company in Chile with the largest value portfolio of intellectual property.



Product Safety

The levels of contaminants in all Golden Omega fish oil concentrates are far below the established EU regulatory guidelines.



Product Range

Golden Omega® offers a wide range of superior-quality Omega-3 fish oil concentrates, featuring various EPA+DHA combinations, including:

EE Concentrates (EPA+DHA 550 TO 700 mg/g)

High EPA

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
EE400200	400	200	700
EE460180	460	180	680
EE500070	500	70	600
EE500200	500	200	800

Balanced

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
EE330230	330	230	665
EE360240	360	240	700
EE400300	400	300	800

High DHA

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
EE185455	185	455	700

TG Concentrates (EPA+DHA 500 TO 700 mg/g)

High EPA

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
TG400100	400	100	570
TG500100	500	100	650
TG440120	440	120	660
TG510160	510	160	750
TG500200	500	200	800

Balanced

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
TG300200	300	200	600
TG330230	330	230	650
TG360240	360	240	680
TG400300	400	300	800

High DHA

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
TG100460	100	460	630
TG100500	100	500	670



Omega-3 in Direct Compressible (DC) powder

gotab® is a unique solution to offer Omega-3 (DHA and EPA) in a direct compressible powder for tablet formulations.

gotab® Product Range

Product	EPA mg/g	DHA mg/g	Total O-3 mg/g
90/60	90	60	180

Product Applications

Golden Omega® fish oil concentrates are mainly used in softgels. We offer a variety of Golden Omega® Softgels in a ready-made finished product.

Approved Health Claims

The following health claims for EPA and DHA have been approved by EFSA (Commission Regulation (EU) 1924/2006 and 432/2012):



DHA and EPA

- Normal function of the **heart** (0.25 g per day)
- Maintenance of normal **blood pressure** (3 g per day)
- Maintenance of normal **blood triglyceride levels** (2 g per day)

DHA

- Maintenance of normal **brain function** (0.25 g per day)
- Maintenance of **normal vision** (0.25 g per day)

DHA maternal intake

- Normal **brain development of the foetus and breastfed infants** (0.2 g DHA plus the daily recommended intake of omega-3 fatty acids (EPA+DHA for adults which is 0.25 g per day).
- Normal development of the **eye of the foetus and breastfed infants** (0.2 g DHA plus the daily recommended intake of omega-3 fatty acids (EPA+DHA) for adults which is 0.25 g per day).

About



Golden Omega® is a Chilean Company focused on producing high-quality Omega-3 concentrates up to 700 mg/g of EPA and DHA obtained from fish oil. Golden Omega®'s state-of-the-art production facilities are located in Northern Chile, close to the raw material source. This guarantees an assured supply of high quality fish oil.



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