goldenomega®
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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)**
- ✔ **ISO 27001:2022 Certification**
  Enhanced security and data protection safeguards
- ✔ **Sustainability Program in Place**
  Covering responsible sourcing, traceability, and environmental management (See Sustainability section for more information)
- ✔ **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 comercial plant and allows Golden Omega® to develop customized products and continously improve the processes and quality of the fish oil concentrates.

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### 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.

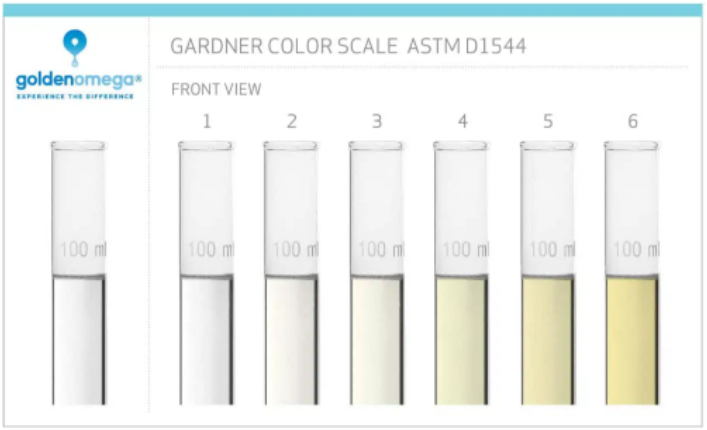
**US8957231:** Concentrate of Omega-3. An efficient and simple process to obtain a concentrate that includes over 80% in weight of ethyl esters of Omega-3 fatty acids.

## 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, panisidine value and TOTOX (typically 3–5), remaining far below the maximum values set up in the GOED Voluntary Monograph for quality standards and consumer safety requirements worldwide.

### Extremely clear Omega-3 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® Fish Oil Concentrates are supported by a range of third-party certifications and industry memberships relating to product quality, traceability, manufacturing standards and responsible sourcing practices.

- **ORIVO:** Third-party verification confirming that the crude fish oil used in Golden Omega® production is derived from South Pacific anchovy.
- **IFOS (International Fish Oil Standards):** Independent testing programme that assesses fish-oil products for parameters including purity, potency and quality.
- **GOED (Global Organization for EPA and DHA Omega-3s):** Golden Omega® is a member of GOED, an industry association that promotes quality, safety and responsible practices within the omega-3 sector.
- **Friend of the Sea:** Certification relating to fisheries and aquaculture assessed against the programme's responsible sourcing requirements.
- **MarinTrust:** Certification supporting traceability and responsible supply-chain management within marine ingredient production.
- **NSF Good Manufacturing Practice (GMP):** Independent verification that Golden Omega®'s facility complies with current Good Manufacturing Practice (cGMP) requirements for dietary supplement manufacturing.
- **Dolphin Safe:** Certification indicating compliance with the programme's requirements relating to dolphin bycatch during fishing activities.
- **Green-e™:** Certification verifying that electricity supplied to Golden Omega®'s facility is sourced from eligible renewable-energy resources in accordance with the programme's standards.
- **Halal Certified:** Certification demonstrating compliance with applicable Halal requirements for product manufacturing and handling.

## Sustainability

Golden Omega® implements environmental management and resource-efficiency initiatives across its operations. Golden Omega® works with regulatory authorities, industry organisations and other stakeholders in support of responsible resource-management practices.

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### Responsible Sourcing and Traceability

Golden Omega® produces Omega-3 concentrates from South Pacific anchovy fisheries.

Golden Omega® fish oil concentrates are supported by recognised certification programmes and traceability systems.

### Environmental Management and Operational Initiatives

- **Strategic location:** Golden Omega®'s production facility is located near fishing operations, eliminating the need for crude oil transportation and enabling onsite drum assembly, reducing drum transport requirements by approximately 90%.
- **Resource utilisation:** The manufacturing process is designed to maximise utilisation of oil fractions, with unused fractions repurposed as industrial by-products.
- **Renewable energy:** The facility in northern Chile operates using renewable energy sources.
- **Water management:** Golden Omega's seawater desalination plant provides an alternative operational water supply and is reported to offset potable water demand equivalent to the daily needs of more than 6,500 people.
- **Operational efficiency:** In 2025, Golden Omega® further enhanced production efficiency by optimising crude oil utilisation, while ongoing initiatives continued to focus on recycling, emissions management and responsible resource use throughout operations.



### Social Responsibility

- **Education and workforce development:** Golden Omega® collaborates with local technical institutes and universities to support curriculum development and provide internship opportunities, helping prepare students for careers in the region's industrial and scientific sectors.
- **Community engagement:** The "Zero Plastic Waves" initiative by Golden Omega®, delivered in partnership with NGOs and municipal authorities, includes beach clean-ups and marine conservation workshops for local communities.
- **Sports and wellbeing:** Sponsorship of local surf and bodyboarding events that encourage participation in sport and community wellbeing.
- **Cultural support:** Support for cultural initiatives including the Arica Nativa Film Festival and the Andean Carnaval Con la Fuerza del Sol, celebrating the heritage and culture of northern Chile.
- **Industry collaboration:** In 2025, the "Arica: The Omega-3 Capital" cluster continued to bring together industry participants to support regional collaboration, innovation and value-chain development in marine- and plant-based Omega-3 products.

### Research and Innovation

Golden Omega® invests in research and development to support innovation across its operations.

The company has been recognised among Chile's leading organisations for the value of its intellectual property portfolio.

- **Compliance and information security:** In 2025, Golden Omega® strengthened its compliance and quality-management practices through the achievement of ISO 27001:2022 certification, supporting information security, data protection and operational continuity.
- **Digital laboratory systems:** The implementation of the myLIMS platform enabled the digitalisation and integration of analytical instruments, supporting standardised laboratory workflows and improved data management across analytical processes.
- **Quality assurance:** Ongoing enhancements to quality-assurance systems supported continuous improvement across manufacturing and research activities by Golden Omega®.

## Product Safety

The levels of contaminants in all Golden Omega® fish oil concentrates are far below the established EU regulatory guidelines, providing consumers with reassurance that the products are carefully refined and monitored for safety and quality.

This commitment to rigorous quality standards is supported by comprehensive testing and strict quality control procedures throughout the manufacturing process, helping to ensure consistently high product purity and reliability.

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## Product Range

Golden Omega® provides superior-quality Omega-3 fish oil concentrates in a variety of 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 |

gotab® BY GOLDEN OMEGA

### 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 Pack Size

All Golden Omega® Fish Oil concentrates are supplied in 190kg drums.

## 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.

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## 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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