



goldenomega®

EXPERIENCE THE DIFFERENCE

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GOLDEN OMEGA'S UNIQUE VALUE PROPOSITION



Direct to the source

Golden Omega's facility is strategically and uniquely located in Arica, the northern-most city in Chile, on the border with Peru. This is in the middle of the richest fishing ground for anchovy in the world, in the South Pacific Ocean.



**Fresh
raw material**



**100%
Anchovy**



**Full
traceability**

South Pacific Ocean



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STATE-OF-THE-ART FACILITY AND PILOT PLANT

Golden Omega has installed a facility with the latest available European technology for the processing of Omega-3 oils, built up under pharmaceutical standards.



PILOT PLANT

This facility is a total replica of the commercial plant. It allows Golden Omega to develop customized products and continuously improve our processes and quality.

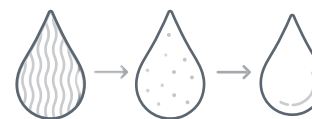


R&D ORIENTATION

Golden Omega's R&D department has a vast experience in the processing of Omega-3 fatty acids, materialized in three international patents.

Applied technology innovation

Our production technologies represent a new generation of purification and concentration of Omega-3 processes, materialized in three international patents (US8258330, US8586772 and US8957231) and the development of high value knowledge.



US8258330

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

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US8586772

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

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US8258330

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.

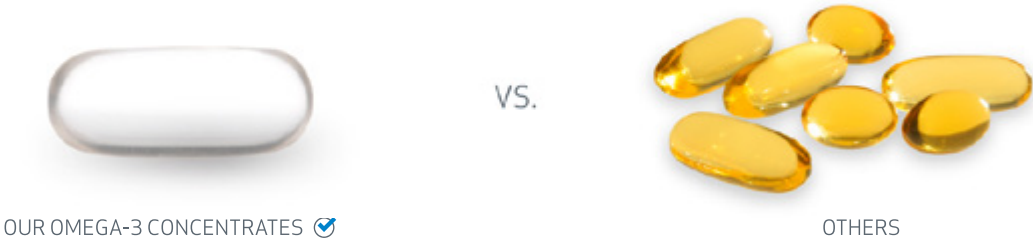
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Visit our website www.goldenomega.cl

EXPERIENCE THE DIFFERENCE

A QUALITY AND PURITY YOU CAN SEE

In Golden Omega we always go one step beyond. Our proprietary process allow us to offer Omega-3 concentrates, which are extremely clear, improving purity to the next level. We guarantee Gardner color below 1.5 for all our EE concentrates and below 2.0 for all our TG concentrates



A STEP BEYOND IN PURITY & QUALITY

All the above mentioned key advantages of Golden Omega translate into purity and quality.

- ✓ Very low in contaminants and heavy metals.
- ✓ Very low level of oxidation parameters (Totox typically below 5).
- ✓ An outstanding sensory profile.
- ✓ Extremely clear Omega-3 concentrates.

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QUALITY CONTROL

The Department of Quality Control at Golden Omega is responsible to certify the release of products only after thorough analysis according to stringent specifications, methods and procedures developed and validated according to international guidelines such as European Pharmacopoeia, USP, AOCS and GOED.

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TAKING PURITY AND QUALITY OF OMEGA-3 CONCENTRATES TO THE NEXT LEVEL

Golden Omega's key advantages, related to the state-of-the-art facility uniquely and strategically located near the fishing resource, strong R&D orientation and novel patented processes, allow us to be a step beyond in quality and purity for all our Omega-3 concentrates.

HEAVY METALS AND INORGANIC AS MAX. VALUES IN GOED VOLUNTARY MONOGRAPH V/S GOLDEN OMEGA'S TYPICAL VALUES**

Lead (Pb)	
GOED Voluntary Monograph (mg/kg)	0,1
Golden Omega® Concentrates (mg/kg)	0,001
Cadmium (Cd)	
GOED Voluntary Monograph (mg/kg)	0,1
Golden Omega® Concentrates (mg/kg)	0,001
Mercury (Hg)	
GOED Voluntary Monograph (mg/kg)	0,1
Golden Omega® Concentrates (mg/kg)	0,001
Inorganic Arsenic (AS)	
GOED Voluntary Monograph (mg/kg)	0,1
Golden Omega® Concentrates (mg/kg)	0,01

OXIDATION PARAMETERS MAX. VALUES IN GOED VOLUNTARY MONOGRAPH VS. GO'S TYPICAL VALUES**

Peroxide value (POV)	
GOED Voluntary Monograph (Meq/Kg)	5
Golden Omega® Concentrate's typical values (Meq/Kg)	0,5
Anisidine value (pAV)	
GOED Voluntary Monograph	20
Golden Omega® Concentrate's typical values	3
Total oxidation (2POV + pAV)	
GOED Voluntary Monograph	26
Golden Omega® Concentrate's typical values	5

PERSISTENT ORGANIC POLLUTANTS VALUES IN GOED VOLUNTARY MONOGRAPH OR EU DIRECTIVE V/S GO'S TYPICAL VALUES**

Benzo(a)pyrene	
EU Directive (ug/kg)	2
Golden Omega® Concentrates (ug/kg)	0,5
Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene	
EU Directive (ug/kg)	10
Golden Omega® Concentrates (ug/kg)	2
PCB 209 Congeners (28, 52, 101, 118, 138, 153 & 180 included)	
EU Voluntary Monograph (mg/kg)	0,09
Golden Omega® Concentrates (mg/kg)	0,002
Dioxins and Furans (WHO-PCDD/F-TEQ)	
EU Voluntary Monograph (pg/kg)	1,75
Golden Omega® Concentrates (pg/kg)	0,35
Dioxins, Furans and Dioxin-like PCBs	
EU Voluntary Monograph (pg/g)	3
Golden Omega® Concentrates (pg/g)	0,55

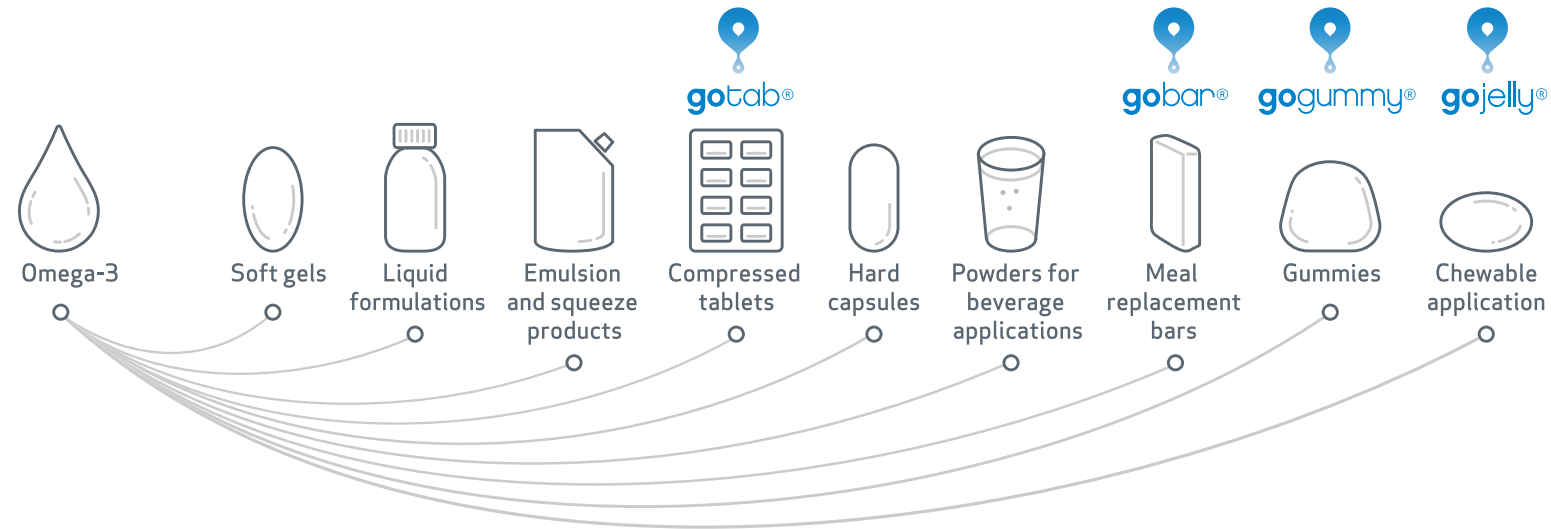
* Patent #US8258330
** Commercial specifications could show different limits for these parameters.

See our full product portfolio:

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ENHANCE THE VALUE PROPOSITION OF YOUR BRAND



Our motivation is to work closely with our clients in the development of their Omega-3 products. We have a strong service orientation and want to make our clients feel that they have partner in Golden Omega.



DELIVERY SOLUTIONS

Golden Omega has been developing along the years very close cooperation with the best contract manufacturers worldwide, which can use our Omega-3 concentrates in a variety of delivery forms. We can help you formulate the Omega-3 product you are looking for and develop it in partnership with these contract manufacturers.

Learn more about our delivery solutions:

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CUSTOMIZED BULK OMEGA-3 CONCENTRATES

Golden Omega has a state-of-the-art pilot plant. This allows us to develop customized products with specific ratios EPA/DHA, with up to 750 mg/g EPA+DHA combined, which is a great advantage for brands that would like to develop a specific product, having an important point of differentiation vs. the competition.



Visit our website www.goldenomega.cl



EXPERIENCE THE DIFFERENCE

SUSTAINABILITY, COMMITED FOR A HEALTHY ENVIRONMENT

We are convinced that sustainability must be at the center of any company and allows it to fulfill its purpose in the long term.



ENVIRONMENTAL CARE

For Golden Omega, purity is paramount. Therefore, our operations are respectful of the environment and the ocean. This includes actions that go beyond what is required by regulation, as well as active cooperation with national organizations and authorities.

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COMPREHENSIVE DEVELOPMENT OF OUR TEAM

Our team is the basis of what we are and what we do. We maintain a firm commitment to their occupational health and safety and we care about fostering a work environment based on solid values, professional quality and collaboration.

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PROMOTE ETHICS IN BUSINESS

Purity and transparency are also reflected in our way of doing business. We seek to develop solid, honest and long- term business relationships with our clients, partners and collaborators around the world.

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ADD VALUE TO THE COMMUNITY

Golden Omega leads the “Waves Zero Plastic” campaign, an initiative that seeks to raise awareness in the community about the serious impact that plastic waste has on marine fauna worldwide, as well as promoting recycling and cleaning activities that contribute to preserving the purity and sea life off the coast of northern Chile.

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WWW.GOLDENOMEGA.CL

+56 67 2589110
AV. COMANDANTE SAN MARTÍN 3460 LOTE B2, ARICA, CHILE.

+1 469 210 4021
GOLDEN OMEGA USA LLC, 5000 RIVERSIDE DRIVE, BUILDING 6,
SUITE 100-E IRVING, TX 75039.