

Omegavail TG1000™



Concentrated fish omega-3 triglycerides



OVERVIEW

- > Concentrated source of premium fish oil
- > Superior fish oil oxidation parameters*
- > With lipase to support efficient metabolism and absorption of EPA and DHA
- > Sourced from sustainably caught wild sardine and anchovy
- > Zero carbon footprint product
- > Non-GMO

*Compared to all internationally recognised quality specifications.



No Added Gluten



No Added Dairy



No Added Nuts



No Added Lactose

Active Ingredients (per soft capsule)	
Concentrated fish omega-3 triglycerides	1.25 g
Equiv. to eicosapentaenoic acid (EPA)	750 mg
Equiv. docosahexaenoic acid (DHA)	250 mg
Lipase	25 mg
Equiv.	52.5 LipU

Directions for Use
Adults: Take 1 to 2 capsules per day, or as directed by your healthcare professional.

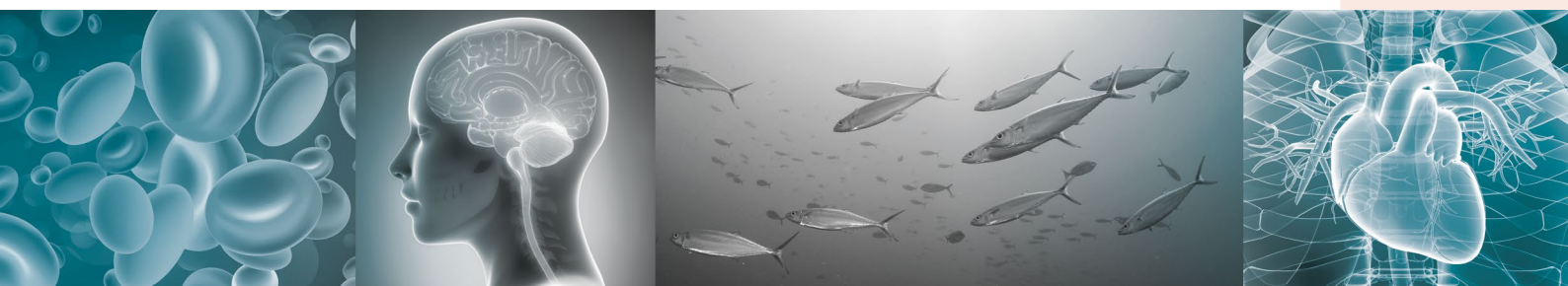
Allergen Information
No Added: gluten, dairy, lactose or nuts. Contains: fish, soya bean products and sulphites.

Pack Size	120
Serving per pack	60-120 serves

Excipients
Gelatin
Glycerol
Annatto
Gamma-tocopherol
Natural lemon oil
Purified water

Prescribing Information:
Caution advised in individuals with bleeding disorders - use under professional supervision. ¹
Theoretically, concomitant use with antiplatelet and anticoagulant medications may increase risk of bleeding. Caution advised. ¹

Designed, encapsulated and packed in Australia from local and imported ingredients.





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EDUCATION

Polyunsaturated fatty acids are comprised of two groups of essential fatty acids, omega-6's (linoleic acid) and omega-3's (alpha-linoleic acid), with the latter subsequently converting to eicosapentaenoic (EPA) and docosahexaenoic acid (DHA).^{2,3} They are classified as essential because the rate of EPA and DHA biosynthesis from ALA is very low (8% and 1% respectively), consequently maintaining optimal endogenous levels to effectively support physiological functional processes requires regular intake from dietary sources. However, a broad body of evidence confirms that in many Western countries, intake of EPA and DHA across many sub-population groups is inadequate. This is a consequence of both inadequate omega-3 intake and excessive omega-6 consumption.^{2,3} EPA and DHA are also classified as essential because of the many important physiological functions they are involved in, including supporting heart health, brain and cardiovascular function.

Vivo Mega

Two vital factors to consider when ingesting therapeutic quantities of omega-3 fatty acids is purity and environmental impact. Extracted using urea technology, OmegAvail TG1000™ has superior oxidation parameters. It also has exceptional environmental parameters, being sustainably certified by IFFO Global Standard for Responsible for Supply and Friend of the Sea.

SUSTAINABLE AND RESPONSIBLE

- > Target stock not overexploited
- > Fishery to generate maximum 8% discarded waste
- > No by catch of endangered species
- > No impact to the seabed
- > Gradual reduction of carbon footprint



Cardiovascular Function

A significant body of evidence has demonstrated an association between endogenous levels of EPA and DHA and cardiovascular health, which is attributed to a significant number of cardioprotective mechanisms of actions that omega-3 fatty acids are involved in.⁴ Such mechanisms include antioxidant, antiplatelet, promoting healthy blood lipid levels, cell membrane and vascular endothelial function, as well as reducing pro-inflammatory mediator concentrations (eicosanoids, prostaglandins, leukotrienes, and resolvins).^{4, 5-7}

This has translated into clinically relevant outcomes, with findings from a broad body of evidence demonstrating a dose-dependent beneficial effect of omega-3 supplementation for improving cardiovascular health as measured by several clinical and biological endpoint subtypes.⁶⁻¹⁰

Brain Function

The brain is highly concentrated in omega-3 fatty acids, and optimal levels are necessary for normal brain, structure, function and health at all life stages.^{2,3,11} Specific mechanisms omega-3 fatty acids are involved that support healthy brain function include being a key cell membrane component, promoting optimal membrane fluidity, neurogenesis, intracellular signalling, synaptic transmission and repair processes, as well as inhibiting pro-inflammatory mediator-driven neuroinflammation.^{2,3}

Clinical evidence demonstrates a beneficial effect of omega-3 supplementation in young and middle-aged adults and older individuals.² A comprehensive systematic review found that in young adults, omega-3 supplementation improved endogenous fatty acid profiles, reading abilities (phonologic decoding time and visual analysis time) and also enhanced neurocognitive function. Improvements observed in middle-aged adults included enhanced memory functionality and brain structure (white matter microstructural integrity and grey matter volume), while in older individuals omega-3 supplements protected against neurodegeneration.



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EDUCATION (Continued)

SUPERIOR PERFORMANCE AGAINST ALL INTERNATIONALLY RECOGNISED QUALITY SPECIFICATIONS

	VivoMega 6020 TG Premium Specifications (max)	Best in Class	IFOS 5 Star Criteria	GOED Monograph	EU legislation/ Ph Eur
OXIDATION PARAMETERS					
Peroxide value (meq/kg)	2	✓	5	5	10
Anisidine value	8*	✓	20	20	30
Totox	10*	✓	19.5	26	N/A
Acid Value (mg KOH/g)	1	✓	3.0	N/A	3.0
ENVIRONMENTAL PARAMETERS					
Arsenic (mg/kg)	0.1	NEUTRAL	0.1	0.1	N/A
Cadmium (mg/kg)	0.002	✓	0.1	0.1	1
Mercury (mg/kg)	0.002	✓	0.1	0.1	0.1
Lead (mg/kg)	0.003	✓	0.1	0.05	0.1
PCBs (209 Congeners) (mg/kg)	0.005	✓	0.045	0.09	0.2
Dioxins+Furans (PCDD+PCDF) (pg/g)	1	NEUTRAL	1	1.75	1.75
Dioxins-like PCBs (pg/g)	0.5	✓	1.5	3	N/A
Dioxins+Furans+Dioxin-like PCBs (pg/g)	1.5	✓	N/A	3	6
Sum PAH4 (ng/g)	2	✓	N/A	N/A	10
Benzo(a)pyrene (ng/g)	1	✓	N/A	N/A	2
Pesticides (mg/kg)	0.01	✓	N/A	N/A	N/A

*Platinum products has a standard specification maximum for Anisidine value of 10 and Totox 12, awaiting stability studies results.



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EDUCATION (Continued)

MANUFACTURING PROCESS FOR VIVOMEGA CONCENTRATED TG PLATINUM (>80% EPA/DHA)

