

BioActive Lipids

Exceptional Standards. Quality Assurance

Here at Bio Concepts, we have a mission to remove every excipient or additive that is not 100% essential to the formulation.

We understand how environmental contaminants can impact the entire food chain, including marine ecosystems which can consequently affect your patient's health.

Orthoplex White BioActive Lipids has taken purity to a new unprecedented level. A level we believe should be the new minimum standard. By Independently third-party testing for over 460 environmental contaminants, including almost 200 pesticides, 30 common plasticisers and 3 radioactive isotopes, everything that can be tested has been tested.

Our extensive independent third-party testing which occurs **after encapsulation and packaging** includes:

- ✓ More than 460 environmental contaminants
- ✓ Almost 200 Pesticides
- ✓ 30 common Plasticisers
- ✓ All 3 Radioactive Isotopes
- ✓ Unprecedented heavy metal purity

Orthoplex White BioActive Lipids also proudly contains:

- ✓ Non-GMO certified ingredients and excipients
- ✓ Certified organic sunflower-derived Vitamin E
- ✓ No hidden soya oil
- ✓ No synthetic vanillin
- ✓ Salicylate-free lemon oil
- ✓ Free from enteric coating
- ✓ Certified, sustainable, wild-caught fish

Why third-party test for plasticisers?

It has become increasingly common for microplastics to be found in mesopelagic fish which live at sea depths of 200 to 1000 metres. One study found three in four of these fish in the Northwest Atlantic had microplastics in their stomachs. There are concerns that these microplastics will be spread throughout the marine ecosystem as the fish move into deeper waters. For this reason, it is extremely important that quality fish oils are tested to ensure the absence of these microplastics.

Contraindications

None

Suitable in pregnancy & lactation

Information taken from Natural Medicines Database and accurate as of September 2019



✓ Gluten Free

✓ Dairy Free

✓ Egg Free

✓ Soy Protein Free

AUST L 311638

Pack Size: 120 softgel capsules or 240 softgel capsules

Adult Dose: Take 1-2 capsules two to three times per day or as recommended by your registered healthcare practitioner.

Storage: Store below 25°C in a cool, dry place, away from direct sunlight. REFRIGERATE AFTER OPENING.



Full disclosure of excipients in every formulation

Each Softgel Capsule Contains

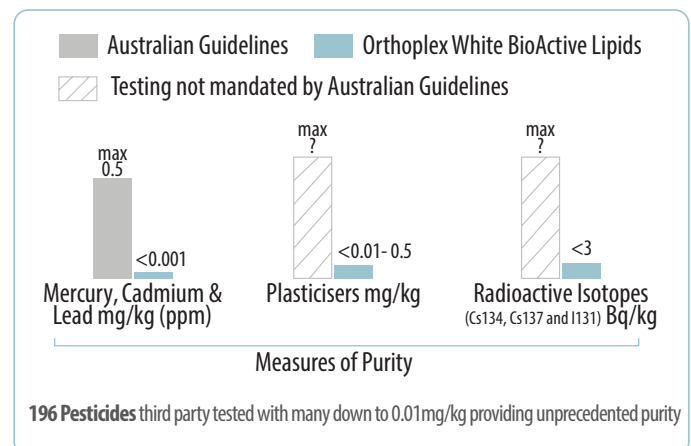
Concentrated fish omega-3 triglycerides	1000mg
equiv. Eicosapentaenoic acid (EPA)	360mg
equiv. Docosahexaenoic acid (DHA)	240mg

Excipients

Non-GMO certified: vitamin E (organic sunflower oil, d-alpha-tocopherol), lemon oil distilled, gelatin, glycerol, purified water.

Warnings

If symptoms persist, seek the advice of a healthcare professional. Vitamin supplements should not replace a balanced diet. Contains Fish oil.



Please note Orthoplex White products can only be purchased if you are an Orthoplex White approved customer. This medicine may not be right for you. Read the warnings before purchase. If symptoms persist talk to your health professional.



www.bioconcepts.com.au



Technical Information



Fish Oil Standards

Testing Limit Acceptance by Leading Global Organisations



	BIOACTIVE LIPIDS CAPSULES		TGA ¹	WHO ²	GOED ³	IFOS ⁴	EP ⁵
HEAVY METALS							
Mercury	<0.001 ppm	<0.5 ppm	Not tested	<0.1 ppm	<0.1 ppm	<0.1 ppm	0.10 ppm (EFSA)
Lead	<0.001 ppm	<0.5 ppm	<0.1 ppm	<0.05 ppm	<0.1 ppm	<0.1 ppm	3.0 ppm (EFSA)
Cadmium	<0.001 ppm	<0.5 ppm	Not tested	<0.1 ppm	<0.1 ppm	<0.1 ppm	1.0 ppm (EFSA)
Arsenic	<0.003 ppm	<1 ppm	<0.1 ppm	<0.1 ppm	<0.1 ppm	<0.1 ppm	Not available
ENVIRONMENTAL TOXINS & GENETICALLY MODIFIED INGREDIENTS							
Radiation Activity (Cesium-134, Cesium-137 & Iodine-131)	Not detected (<3 Bq/kg)	Not tested	<100 Bq/kg (Iodine Isotopes) <1000 Bq/kg (Cesium Isotopes)	Not tested	Not tested	<50 Bq/kg	Not tested
Total PCBs (209 Congeners)	< 0.00177 ppm	Not tested	Not tested	<0.09 ppm	<0.045 ppm	<0.2 ppm (ICES 6)	
Dioxins + Furans	<0.165 pg/g = 0.165 ppt	<2 pg/g = 2 ppt	<2 pg/g = 2 ppt	<1.75 pg = 1.75 ppt	<1 pg/g = 1 ppt	<1.75 pg/g = 1.75 ppt	
Dioxin-like PCB's	<0.0882 pg/g = 0.0882 ppt	<10 pg/g (Including sum of Dioxins & Furans)	<2 pg/g = 2 ppt	<3 pg/g = 3 ppt	<1.5 pg/g = 1.5 ppt	Not listed	
30 Plasticisers (Phthalates)	Not detected (<0.07-0.5 mg/kg)	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
196 Pesticides (Organochlorine, Organophosphorus & Pyrethroids)	Not detected (< 0.01-1mg/kg)	EP method 2.8.13	Not tested	Not tested	Not tested	Not tested	EP method 2.8.13 (0.05 - 50 mg/kg)
GMO Ingredients & Excipients (355 promotor, NOS terminator, AgroBorder II)	Not detected (<0.01%)	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
OXIDATION LIMIT							
TOTOX	< 8.6 mEq/kg	<50 mEq/kg	<26 mEq/kg	<26 mEq/kg	<26 mEq/kg	<19.5 mEq/kg	<50 mEq/kg
Anisidine	< 8 mEq/kg	<30 mEq/kg	<20 mEq/kg	<20 mEq/kg	<20 mEq/kg	<20 mEq/kg	<30 mEq/kg
Peroxide	<0.3 mEq/kg	<10 mEq/kg	<5 mEq/kg	<5 mEq/kg	<5 mEq/kg	<5 mEq/kg	<10 mEq/kg

1. TGA - Therapeutic Goods Administration
2. WHO - World Health Organisation
3. GOED - Global Organisation for EPA & DHA Omega-3
4. IFOS - International Fish Oil Standards
5. EP - European Pharmacopeia
6. EFSA - European Food Safety Authority

- ppm - Parts per million
 ppb - Parts per billion
 ppt - Parts per trillion
 µg - Microgram
 pg - Picogram
- mEq - Milliequivalents
 Bq - Becquerel

References available on request.



bioconcepts
 innovative nutritional solutions

Everything that can be tested has been tested

CERTIFICATE OF ANALYSIS: BioActive Lipids Capsules Fatty Acid Profile (Typical)

Test method: AOCS Ce 1b-89

TRIGLYCERIDE FATTY ACIDS		MG PER CAPSULE	%
C08:0	Octanoic (Caprylic)	3.6 mg	0.36
C10:0	Decanoic (Capric)	2.3 mg	0.23
C11 :0	Undecanoic (Hendecanoic)	<0.2 mg	<0.02
C12:0	Dodecanoic (Lauric)	<0.2 mg	<0.02
C14:0	Tetradecanoic (Myristic)	1.1 mg	0.11
C14:1	Tetradecenoic (Myristoleic) ω-7	<0.2 mg	<0.02
C15:0	Pentadecanoic	<0.2 mg	<0.02
C15:1	Pentadecenoic	<0.2 mg	<0.02
C16:0	Hexadecanoic (Palmitic)	5.2 mg	0.52
C16:1 (Omega 7)	Hexadecenoic (Palmitoleic) ω-7	3.2 mg	0.32
C16:2	Hexadecadienoic ω-3	0.5 mg	0.05
C16:3	Hexadecatrienoic	0.5 mg	0.05
C16:4	Hexadecatetraenoic	0.8 mg	0.08
C17:0	Heptadecanoic (Margaric)	0.5 mg	0.05
C17:1	Heptadecenoic (Margaroleic)	<0.2 mg	<0.02
C18:0	Octadecanoic (Stearic)	25.6 mg	2.56
C18:1	Octadecenoic (Oleic) ω-9	43 mg	4.3
C18:2	Linoleic + Isomers	9.4 mg	0.94
C18:2	Linoleic ω-6	7 mg	0.7
C18:3	Linolenic + isomers)	6.6 mg	0.66
C18:3	Alpha Linolenic ω-3	3.8 mg	0.38
C18:3 (GLA)	Gamma Linolenic ω-6	2.8 mg	0.28
C18:4	Stearidonic ω-3	7 mg	0.7
C20:0	Eicosanoic (Arachidic)	9.3 mg	0.93
C20:1	Eicosenoic (Gondoic +isomers) ω-9	54.7 mg	5.47
C20:2	Eicosadienoic ω-6	5 mg	0.5
C20:3	Eicosatrienoic ω-9	6.6 mg	0.66
C20:3	Eicosatrienoic ω-3	3.2 mg	0.32
C20:3 (DGLA)	Eicosatrienoic ω-6	3.5 mg	0.35
C20:4	Arachidonic +isomers	44.5 mg	4.45
C20:4	Eicosatetraenoic ω-3	21.2 mg	2.12
C20:4	Arachidonic ω-6	23.4 mg	2.34
C20:5 (EPA)	Eicosapentaenoic ω-3	365.2 mg	36.52
C21:5	Heneicosapentaenoic ω-3	16.3 mg	1.63
C22:0	Docosanoic (Behenic)	2.6 mg	0.26
C22:1	Docosenoic (Erucic + isomers) ω-9	12 mg	1.2
C22:2	Docosadienoic ω-6	0.3 mg	0.03
C22:3	Docosatrienoic ω-3	0.4 mg	0.04
C22:4	Docosatetraenoic ω- 6	3.7 mg	0.37
C22:5 (DPA)	Docosapentaenoic Total	45.4 mg	4.54
C22:5	Docosapentaenoic ω-3	38.1 mg	3.81
C22:5	Docosapentaenoic ω-6	7.3 mg	0.73
C22:6 (DHA)	Docosahexaenoic ω-3	241.3 mg	24.13
C24:0	Tetracosanoic (Lignoceric)	0.4 mg	0.04
C24:1	Tetracosenoic (Nervonic) ω-9	5.1 mg	0.51

Total Triglycerides Fatty Acids	922.2mg	92.22
Total Omega 3 Isomers	696.3mg	69.63
Total Omega 6 Isomers	52.9mg	5.29

Total Monounsaturated Fatty Acids	113.3 mg	11.33
Total Polyunsaturated Fatty Acids	723.9 mg	72.39
Total Saturated Fatty Acids	48.4 mg	4.84