



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. 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.

- ✓ **Gluten Free**
- ✓ **Dairy Free**
- ✓ **Soy Protein Free**
- ✓ **Egg Free**

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

Excipients: D-alpha-tocopherol (non-GMO certified from sunflower oil), gelatin, glycerol, lemon oil distilled, purified water, sunflower oil.

Warnings: If symptoms persist, seek the advice of a healthcare professional. Vitamin supplements should not replace a balanced diet. **Contains fish oil, sulfites.**

Contraindications: None.

Pregnancy and lactation: Suitable.

Companion products:

Phospholipid Complex · CoQ10 150mg · Mito Pro

Product details

AUST L 311638

Pack Size: 120 softgel capsules or 240 softgel capsules

Adult Dose: Take 1-2 capsules two or 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.

Capsule Size: Medium oval softgel

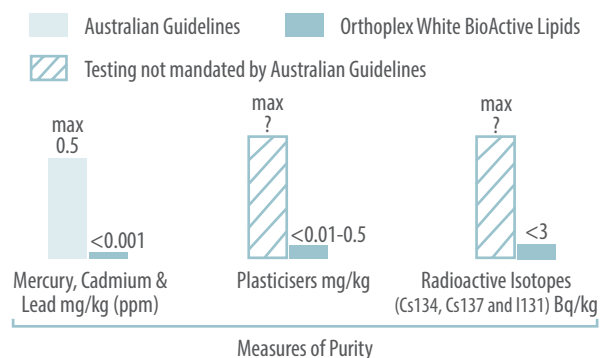


Each softgel capsule contains:

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

Third-party testing

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.



196 Pesticides third party tested with many down to 0.01mg/kg providing unprecedented purity.

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	0.10 ppm (EFSA)
Lead	<0.001 ppm	<0.5 ppm	<0.1 ppm	<0.05 ppm	<0.1 ppm	3.0 ppm (EFSA)
Cadmium	<0.001 ppm	<0.5 ppm	Not tested	<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	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	<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
196 Pesticides (Organochlorine, Organophosphorus & Pyrethroids)	Not detected (< 0.01-1mg/kg)	EP method 2.8.13	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
OXIDATION LIMIT						
TOTOX	< 8.6 mEq/kg	<50 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	<30 mEq/kg
Peroxide	<0.3 mEq/kg	<10 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.

Everything that can be tested has been tested



orthoplex®

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