

# Fish Oil Test Results\*



**Lot Details** Fish Oil  
**Serving Size** 2 Gelcaps  
**Manufacturing Date** February 2021  
**Expiration Date** February 2024  
**Lot Number** 2109

MICROBIOLOGICAL ANALYSIS	PASS/FAIL	TEST RESULTS PER SERVING	TEST LIMITS PER SERVING	WHY IS THIS IMPORTANT
E. Coli, CFC/g	Pass	Not Detected	Not Detected	Escherichia coli is a species of bacteria that belongs to the Enterobacteriaceae family. While most strains of E. coli are not harmful to humans, a few strains can be pathogenic.
Coliforms, CFC/g	Pass	<10	<100	Coliforms are a group of bacteria that are widespread in nature – everything from vegetative matter to the intestinal tracts of animals.
Yeast/Mold, CFC/g	Pass	<10	<1,000	Ruling out the presence of yeast and mold rules out the possibility of allergic reactions or serious compromises for individuals with immunological sensitivities.
Enterobacteriaceae, CFC/g	Pass	Not Detected	Not Detected	Enterobacteriaceae count is often used as an indicator of the sanitary condition of ingredients and processing environments. Testing for this ensures that these pathogenic bacteria are not at levels that may be detrimental to individuals with immunological sensitivities.
Salmonella, CFC/g	Pass	Not Detected	Not Detected	Salmonella can cause fever, diarrhea, nausea, vomiting, and abdominal pain. Due to the risks, testing to ensure a product is free from Salmonella is critical to a comprehensive quality and safety program.

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Aerobic Bacteria, CFC/g	Pass	<100	<10,000	Many, but not all microbes can be counted with this method; therefore, its use as a broad quality or sanitation indicator is widespread. Greater counts imply poorer quality or suspect sanitary handling conditions.
HEAVY METALS	PASS/FAIL	TEST RESULTS PER SERVING	TEST LIMITS PER SERVING	WHY IS THIS IMPORTANT
Arsenic, ppm	Pass	Conforms	<0.1	Testing for arsenic ensures products do not contain more than the established acceptable level of arsenic. Long-term, excessive exposure to arsenic has known health risks.
Cadmium, ppm	Pass	Conforms	< 0.1	Excess cadmium exposure can result in an accumulation of cadmium in the body, which in turn can have detrimental effects on the kidneys, lungs, bones, and possibly fetal development; it's also classified as a human carcinogen by various agencies.
Lead, ppm	Pass	Conforms	<0.1	Excess lead exposure can lead to lead toxicity, which can affect every organ in the human body and cause brain damage, kidney disease, blood disorders, heart disease, and reproductive disease.
Mercury, ppm	Pass	Conforms	<0.1	Mercury can cause damage to the nervous system, digestive and immune systems, lungs, kidneys, skin, and eyes. Testing to ensure mercury levels are below the recommended rate ensures consumers are protected from the toxic risks of mercury.
ACTIVE INGREDIENTS	PASS/FAIL	TEST RESULTS PER SERVING	TEST LIMITS PER SERVING	WHY IS THIS IMPORTANT
Eicosapentaenoic Acid (EPA), mg	Pass	120	80	EPA is an omega-3 polyunsaturated fatty acid. Testing for potency ensures that the finished product truly contains what is on the label.

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Docosahexaenoic Acid (DHA), mg	Pass	430	400	DHA is an omega-3 polyunsaturated fatty acid. Testing for potency ensures that the finished product truly contains what is on the label.
PCB Congeners, mg/kg	Pass	Conforms	0.18	Polychlorinated biphenyls (PCB) congeners are a family of industrial chemicals that pose health risks to fetuses, babies, and children from prolonged or repeated exposure. Testing ensures that the final product is below the recommended test levels.
PCDDs & PCDFs/g	Pass	Conforms	4.0	Polychlorinated-p-dioxins (PCDDs) and the related furans (PCDFs) are chlorine-containing chemicals that pose health risks from prolonged or repeated exposure. Testing ensures that the final product is below the recommended test levels.
Dioxin-like PCBs/g	Pass	Conforms	6.0	Dioxin-like PCBs are industrial chemicals that pose health risks from prolonged or repeated exposure. Testing ensures that the final product is below the recommended test levels.
Total Dioxins, Furans and dioxin-like PCBs	Pass	Conforms	8.0	Total dioxins, furans, and dioxin-like PCBs are a family of chemicals that share similar characteristics and pose health risks from prolonged or repeated exposure. Testing ensures that the final product is below recommended test levels.
Benzo(a)pyrene, mcg, kg	Pass	Conforms	4.0	Benzo(a)pyrene is a chemical that comes from certain substances when they are not burned completely, such as car exhaust and oil and gas products. Testing ensures that the final product is below recommended test levels.
PAH's	Pass	Conforms	20.0	Polycyclic aromatic hydrocarbons (PAHs) are a class of chemicals that occur naturally in coal, crude oil, and gasoline. Testing ensures that the final product is below recommended test levels.

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ACTIVE INGREDIENTS	PASS/FAIL	TEST RESULTS PER SERVING	TEST LIMITS PER SERVING	WHY IS THIS IMPORTANT
TOTOX	Pass	11.2	<26	TOTOX is a way to give a more complete picture of oxidation by including primary and secondary oxidation measurements. TOTOX is widely employed to express oxidative quality of omega-3 oils.
Peroxide	Pass	2	<5	The peroxide value is a measure of how much peroxide is present in an oil. When unsaturated fatty acids oxidize, the first compounds created are fatty acid peroxides. Therefore, PV is a measure of primary oxidation and evaluates the status of various oils, not just omega-3s.
Anisidine	Pass	7.2	<20	Secondary oxidation reveals itself through the anisidine value (AV). This type of oxidation is formed from the initially formed peroxides during further steps in the oxidative process and includes chain-shortened aldehydes and alcohols.

\*We use third-party testing through Eurofins to verify these results and ensure accuracy. Results have been transcribed into an easy-to-understand format. If you would like to request a copy of the original Certificate of Analysis, please email [cs@fullwellfertility.com](mailto:cs@fullwellfertility.com).