

Men's Fish Oil Test Results*

Lot Details Men's Fish Oil
Serving Size 2 Gelcaps
Manufacturing Date May 2023
Lot Number 3177



| MICROBIOLOGICAL ANALYSIS | PASS/FAIL | TEST RESULTS PER SERVING | TEST LIMITS PER SERVING | WHY IS THIS IMPORTANT |
|--------------------------|-----------|--------------------------|-------------------------|---|
| Microbial Total Count | Pass | <10 CFU/g | <1000 CFU/g | 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. |
| Yeast & Mold | Pass | <10 CFC/g | <25 CFC/g | Ruling out the presence of yeast and mold rules out the possibility of allergic reactions or serious compromises for individuals with immunological sensitivities. |
| E. Coli | 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. |
| Salmonella | 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. |
| S. Aureus | Pass | Not Detected | Not Detected | Staphylococcus aureus is the most common species of Staphylococcus to cause Staph infections. It can cause various illnesses, from minor skin infections to abscesses. |

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| HEAVY METALS | PASS/FAIL | TEST RESULTS PER SERVING | TEST LIMITS PER SERVING | WHY IS THIS IMPORTANT |
|-----------------------------|-----------|--------------------------|-------------------------|--|
| Arsenic | Pass | Conforms | <0.1 ppm | 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 | Pass | Conforms | < 0.1 ppm | 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 | Pass | Conforms | <0.1 ppm | 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 | Pass | Conforms | <0.1 ppm | 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) | Pass | 677.2 mg | 580 mg | EPA is an omega-3 polyunsaturated fatty acid. Testing for potency ensures that the finished product truly contains what is on the label. |
| Docosahexaenoic Acid (DHA) | Pass | 473.2 mg | 380 mg | DHA 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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|--------------------|-----------|--------------------------|-------------------------|---|
| TOTOX | Pass | 18.3 | <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 | 3.2 meq/kg | <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 | 11.9 | <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.