

# Balanced Omegas Test Results\*



**Lot Details**                      Balanced Omegas  
**Serving Size**                    2 Gelcaps  
**Manufacturing Date**            October 2024  
**Lot Number**                        I24053

MICROBIOLOGICAL ANALYSIS	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
Total Plate Count	Pass	<10 CFU/g	<10,000 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.
Total Coliforms	Pass	<10 CFU/g	<100 CFU/g	Coliforms are a group of bacteria that are widespread in nature – everything from vegetative matter to the intestinal tracts of animals.
Yeast & Mold	Pass	<10 CFU/g	<1000 CFU/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	Absent	Absent/10 g	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	Absent	Absent/10 g	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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MICROBIOLOGICAL ANALYSIS	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
Enterobacteriaceae	Pass	<10 CFU/g	<10 CFU/g	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.
HEAVY METALS	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
Arsenic	Pass	0.6 mcg/daily serving	< 10 mcg/daily serving	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	<0.01 mcg/daily serving	< 4.1 mcg/daily serving	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	<0.01 mcg/daily serving	< 0.5 mcg/daily serving	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	<0.01 mcg/daily serving	< 2.0 mcg/daily serving	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 GELCAP	TEST LIMITS PER GELCAP	WHY IS THIS IMPORTANT
Eicosapentaenoic Acid (EPA)	Pass	300 mg	352 mg	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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ACTIVE INGREDIENTS	PASS/FAIL	TEST RESULTS PER GELCAP	TEST LIMITS PER GELCAP	WHY IS THIS IMPORTANT
Docosahexaenoic Acid (DHA)	Pass	200 mg	254 mg	DHA is an omega-3 polyunsaturated fatty acid. Testing for potency ensures that the finished product truly contains what is on the label.

OTHER CONTAMINANTS	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
PCB Congeners	Pass	0.002 mg/kg	<0.090 mg/kg	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	Pass	0.3 pg/g	< 2.0 pg/g	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	Pass	0.2 pg/g	< 3.0 pg/g	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	0.6 pg/g	< 4.0 pg/g	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	Pass	<0.6 mcg/kg	< 2.0 mcg/kg	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.

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ACTIVE INGREDIENTS	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
PAH's	Pass	<2.5 mcg/kg	<10.0 mcg/kg	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.
TOTOX	Pass	9	<16	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 mEq/kg	< 5 mEq/kg	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	4	< 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.

ALLERGEN TESTING	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
Almond	Pass	<0.4 ppm	<10 ppm**	Almond allergies and intolerances affect many people and can vary from mild to severe, life-threatening symptoms. Testing ensures that consumers who have allergies or sensitivities are protected.
Sesame	Pass	<2.0 ppm	<10 ppm**	Sesame allergies and intolerances, ranging from mild to severe, can pose life-threatening risks. Testing safeguards consumers with allergies or sensitivities.

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ALLERGEN TESTING	PASS/FAIL	TEST RESULTS	TEST LIMITS	WHY IS THIS IMPORTANT
<b>Tropomyosin from Crustaceans</b>	Pass	<0.02 ppm	<10 ppm**	The main molluscan allergen is the muscle protein tropomyosin. This allergen can also be found in crustaceans, dust mites, and insects. Testing ensures that consumers who have allergies or sensitivities are protected.
<b>Gluten</b>	Pass	<3.0 ppm	<20.0 ppm	Celiac disease and food intolerances to gluten from wheat, rye, and barley affect many people. Testing ensures that consumers who have allergies or sensitivities are protected.
<b>Soy</b>	Pass	<2.5 ppm	<10 ppm**	Testing for soy ensures the detection of commercialized and approved varieties of soy, including those that do not contain the common screening elements.
<b>B-lactoglobulin Dairy</b>	Pass	<5.0 ppm	<10 ppm**	Dairy allergies and intolerances affect many people and can vary from mild to severe, life-threatening symptoms. Testing ensures that consumers who have allergies or sensitivities are protected.
<b>Egg</b>	Pass	<0.5 ppm	<10 ppm**	Egg allergies and intolerances affect many people and can vary from mild to severe, life-threatening symptoms. Testing ensures that consumers who have allergies or sensitivities are protected.
<b>Peanut</b>	Pass	<0.75 ppm	<10 ppm**	Peanut allergies and intolerances affect many people and can vary from mild to severe, life-threatening symptoms. Testing ensures that consumers who have allergies or sensitivities are protected.
<b>Walnut</b>	Pass	<2.0 ppm	<10 ppm**	Walnut allergies and intolerances affect many people and can vary from mild to severe, life-threatening symptoms. Testing ensures that consumers who have allergies or sensitivities are protected.

\*We use third-party testing through Eurofins, and other fully qualified, ISO 17025 accredited laboratories, 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). \*\*For total allergens.