



EPAX 209 PCBs Congener Analysis and Compliance

For purity
you can
trust

Beginning Fall 2012, Epax AS will provide customers a certificate of analysis stating the sum of all 209 congeners of polychlorinated biphenyls (PCBs) congeners to guarantee the safety and purity of our products. This analysis will ensure compliance with relevant EU legislation, the GOED Voluntary Monograph and Proposition 65 in California.

Epax sets high purity standards

The current standard in the industry, as reflected by GOEDs Voluntary Fish Oil Monograph, sets a maximum limit of 0.09 mg/kg of PCBs expressed on a weight/weight basis



for the specified 7 IUPAC congeners. At Epax, our products undergo a proprietary purification process that enables us to set our production specifications to higher standards than those required by the authorities. Our marine Omega-3 concentrates will meet maximum limits of 0.01 mg/kg for all 209 congeners—or 9 times lower than the current recommended limits.

What are PCBs?

The industrial chemicals known as PCBs were widely used for many years as electric and coolant fluids in transformers and electric motors. Because of concerns for human health risks and the environment, production of these chemicals was banned by the U.S. Congress in 1979 and by the Stockholm Convention on Persistent Organic Pollutants in 2001. However, the world continues to suffer the ongoing environmental impact from their widespread use in the global contamination of soils, rivers and other waterways.

PCBs and health concerns

Health concerns around the toxicity levels of PCBs are largely based on compounds within this group that share a structural similarity and toxic mode of action to dioxin, one of the worlds most toxic man-made compounds. Other negative health affects are also associated with congeners that may

An analysis of all 209 PCBs congeners will help ensure products do not exceed safety limits based on the recommended dosage.



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affect various major systems in the body such as the immune, hormone, nervous and enzyme systems. In chemistry, congeners are related chemicals, e.g.: elements in the same group of the periodic table, or derivatives thereof. There are 209 congeners of PCBs.

Proposition 65 settlement

In 2010, Mateel Environmental Justice Foundation (MEJF) and owners of FishOil-Safety.com brought suits against the Global Organization for EPA and DHA Omega-3 (GOED) members under California Proposition 65 law which limits the levels of toxins dietary supplements can contain that are sold in the state of California. An agreement was approved and entered into the California Superior Court on February 1st 2012 between 30 members of GOED and MEJF where it was agreed to drop the current suit and not bring further cases if the members adhere to an updated GOED monograph.

California PCBs limits

Current law in the State of California is not based on maximum limits of PCBs as 0.09 mg/kg in total, but on the daily maximum intake per congener. To avoid triggering a Proposition 65 warning requirement in California, consumer products need to make sure that the total exposure of PCBs from the labeled dosage is less than 0.09 mg for all 209 congeners.

Don't risk your products reputation or safety

An exact analysis of all 209 congeners from Epax will allow manufacturers to ensure their products will not exceed safety limits based on the recommended dosage of their Omega-3 supplement. At Epax, our ongoing commitment to providing an ultra-pure product is your best guarantee for product safety.



Epax has supported more clinical research using their concentrated and purified marine-based Omega-3 fish oil than any other marine Omega-3 company in the world.



For Samples and More Information Contact



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