

*Meaningful Metals Data &  
Advanced Speciation Solutions*



## Testing Natural Products for Levels of Methylmercury

It is well known that mercury is a potent toxin that can severely impair the human nervous system, and mercury levels in dietary supplements, food, and cosmetics has long been a matter of considerable concern. Demonstrating that natural products are free of mercury is critical, but it is the specific form of mercury known as methylmercury that is of the highest concern.

When naturally occurring mercury or human-caused contamination reaches rivers, lakes, or the ocean, microorganisms convert it into methylmercury, which can bioaccumulate in the wildlife and then biomagnify up the food chain. Large fish can have methylmercury concentrations more than million times greater than the surrounding water, and when people eat those fish they are at risk of mercury poisoning.

More critically, methylmercury is especially detrimental to the neurological development of fetuses and women who are pregnant are recommended to avoid eating any fish or products that contain fish oil that may be high in methylmercury concentrations.

Brooks Applied Labs is recognized as a world leader in analyzing for methylmercury concentrations and has decades of experience providing laboratory testing services to researchers in medicine, toxicology, industry, and the environment. Contact us today to learn more about how our testing services can certify your products to be low in methylmercury.



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Since 1982, Brooks Applied Labs has been at the forefront in providing cutting-edge analytical services for the testing of heavy metals at ultra-low levels.

Our dedication to continuous research and development into the most advanced analytical methods and technologies makes us a worldwide leader in heavy metals testing.

With an emphasis on resolving the challenges associated with analyzing even the most complex sample types, our specialized laboratory and techniques are sought after by agricultural, industrial, academic, and government researchers around the globe.

In addition to being capable of detecting elemental metals (e.g., arsenic, cadmium, chromium, lead, and mercury, etc.) at parts-per-trillion and even parts-per-quadrillion concentrations, we are one of the only commercial laboratories that routinely offers metals speciation analyses, such as for inorganic arsenic, hexavalent chromium, or methylmercury.

To learn more about how our highly specialized testing services can help you with your projects, contact us today!



For more information, please visit our website at [www.brooksapplied.com](http://www.brooksapplied.com) or call 206-632-6206.

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