

## Testing Natural Products for Levels of Inorganic Arsenic

Arsenic levels in dietary supplements, food, and beverage products has been a matter of growing concern among consumers in the United States and abroad.

Of particular concern is the species of arsenic known as “inorganic arsenic,” which is classified as a known human carcinogen by the Agency for Toxic Substances and Diseases Registry (US ATSDR), the Environmental Protection Agency (US EPA), and the World Health Organization’s International Agency for Research on Cancer (IARC).

Naturally occurring arsenic in the soil can be taken up by plants of all kinds and become incorporated into final products using even the most carefully cultivated ingredients. Moreover, arsenic-based wood preservatives, insecticides, and fungicides were used extensively until very recently and most fruit orchards are still heavily contaminated by past use – even if they are adhering to strict organic standards today.

Brooks Applied Labs offers specialized testing services to distinguish total arsenic from inorganic arsenic levels in dietary supplements, food, and beverage products (and even many more specific organic and inorganic arsenic species). Contact us today to learn more about how our testing services can certify your products to be low in inorganic arsenic.

*Meaningful Metals Data &  
Advanced Speciation Solutions*



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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