



“Big Four” Heavy Metals Testing of Food, Beverages & Dietary Supplements

As people become ever more demanding about the quality of the food, beverages, and dietary supplements they purchase and consume every day, the presence of heavy metals in products (even at very low levels) has become a matter of growing concern.

Many natural ingredients accumulate small amounts of heavy metals from the environment (i.e., the soil and water), but determining exactly how much of a specific metal is in a product requires extremely sensitive analytical

techniques. Perhaps even more importantly, since natural levels can often be in the low parts-per-billion range, laboratories that are not experienced with the proper analytical methods can easily contaminate samples.

At Brooks Rand Labs, we specialize exclusively in testing for heavy metals at ultra-low-levels for the environmental, energy, pharmaceutical, and food industries. Our laboratories, instruments, methods, and staff are all strictly committed to providing the most precise and accurate data for heavy metals available.

Using the latest in microwave digestion and ICP-MS technologies, we provide heavy metals testing services to companies that manufacture, distribute, and retail a variety of consumer products. Our ultra-sensitive analytical method was recently submitted to the AOAC and is currently under consideration to become an Official Method for testing food, beverages, and dietary supplements for heavy metals.

Heavy Metal	Limit of Quantification
Arsenic	10 ppb
Cadmium	10 ppb
Lead	10 ppb
Mercury	10 ppb

MEANINGFUL
METALS DATA®



Since 1982, Brooks Rand 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.brooksrand.com or call 206-632-6206.

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