



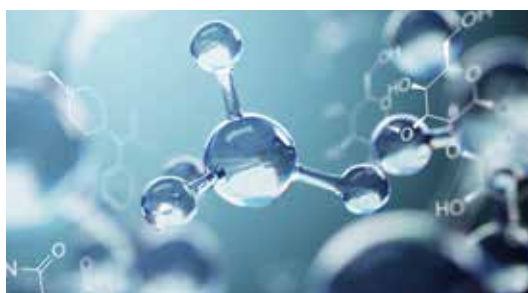
# CUSTOM METHOD DEVELOPMENT BIOANALYTICAL RESEARCH SUPPORT

Work with NSF International's Applied Research Center to support your bioanalytical research with our biochemical analysis techniques.

NSF has validated bioanalytical panels utilizing mass spectrometry, including elemental metals and 50+ metabolites of environmental contaminants in biological matrices.

Our bioanalytical experts can complete new method development for additional classes of chemicals or expand an existing panel.

## How the Process Works



# CUSTOM METHOD DEVELOPMENT BIOANALYTICAL RESEARCH SUPPORT

We help from the initial stages of study planning through execution and publication.

Utilizing LC-MS and ICP-MS techniques, NSF has validated analysis panels in several biological matrices, including:

- > **Metals** scans using ICP-MS for over 20 elements, including arsenic, cadmium, lead and mercury
- > **Phenols and parabens** panel, including Bisphenol A (BPA), using LC-MS
- > **Phthalate** panel using LC-MS to analyze samples for multiple plasticizer metabolites
- > **Polycyclic aromatic hydrocarbons (PAHs)** panel using LC-MS that covers 8+ monohydroxylated metabolites
- > **Polyfluorinated compounds (PFCs)** panel using LC-MS
- > **Smoking biomarkers** panel using LC-MS covering analytes including hydroxycotinine, cotinine and nicotine
- > **Pesticides** panel using LC-MS

With NSF's laboratory expertise, we are also able to complete new method development for additional classes of chemical metabolites and expand an existing panel for specific chemical compounds.



## CONTACT US

For more information about how NSF International can support your bioanalytical research, reach out to us at [arc@nsf.org](mailto:arc@nsf.org) or visit our website [www.nsfresearch.com](http://www.nsfresearch.com).

## NSF INTERNATIONAL

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