

Jupiter Environmental Laboratories, Inc

Your strategic partner for rapid, accurate analysis



Experience The Difference Our Innovative Technology Can Make On Your Next Project

Time is money and in these challenging economic times every company no matter its size is searching for ways to provide a better product at a more competitive price. Some laboratories are merging, some are moving into other types of businesses and others are ceasing operations. As the oldest continuously owned environmental laboratory in South Florida we are maintaining our long held belief that the way to move forward is to take full advantage of the next generation of analytical instrumentation. Our capital investments in innovative technology give us the ability to offer better results, faster and more economically.

Along with our investment in technology we also invest in our staff members. Maintaining a stable, energetic and creative workforce allows us to encourage staff to spend time researching new methods, improve on existing methods and find new ways to provide value added services for our clients. Our entire team understands the importance of excellence in customer service and takes pride in their ability to go the extra mile for our clients. We are pleased to be your technical resource.

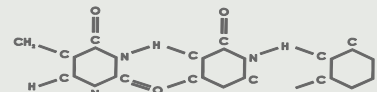
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New Methods For LCMSMS & GCQQQ



EPA Method 8321

The new ABSCIEX QTRAP 5500 is a revolutionary instrument changing the way we analyze the extensive compound list in EPA's Method 8321. This method includes pharmaceuticals, pesticides, drugs and emerging contaminants in water, soil and tissue samples. Perchlorate, endocrine disruptors, algal toxins, PFASs and other low level environmental contaminants can now be analyzed rapidly at far lower detection limits than other technologies can offer. This instrument is over 500 times more sensitive than other Mass Spectrometer currently on the market. We have this advanced technology and the expertise required to work on your complicated projects.



PFOS & PFOA

PFASs are a family of fluorine containing chemicals used extensively in industrial and commercial products. This class of synthetic compounds has become very persistent in the environment, edible crops and the human body. Utilizing LCMSMS technology we are able to detect these emerging contaminants of concern at very low detection levels. One of the most significant causes of contamination is the large quantities of AFFF (aqueous film forming foams) used by the military for firefighting purposes.

Caffeine & Sweeteners, EPA Method 1694

Marker compounds or tracers are used to track potential sources of contamination and are useful in assessing the potential toxic impacts of wastewaters derived from municipal and industrial sources. This is becoming a major concern as treated wastewater reuse becomes more widespread. Tracer compounds need to be mobile, stable and detectable at low levels. Utilizing LCMSMS, we can detect a target group of compounds for use municipalities and private entities needing to track wastewater plumes. Our standard tracer group contains Sucralose, aspartame, caffeine and sucrose.

New Developments

Sunscreen & Coral Reefs

Recent concerns on the effects of sunscreen on the world's coral reefs is prompting research into chemicals suspected to be harmful. Utilizing LCMSMS technology we can detect compounds such as triclosen, parabens, padimate, oxybenzone and octyl-methoxycinnamate at ppt levels.

Food & Beverage Testing

With the purchase of the latest generation GCQQQ we can provide the low level detection limits of trace pesticides in food and nutraceuticals now required by stringent FDA regulations.