



1308 Parkland Court Champaign, IL 61821 • (877) 362-4190 • www.isotechlabs.com

About Isotech

Isotech Laboratories, Inc is a private commercial laboratory that has been providing isotopic analysis to the oil and gas, environmental, industrial, and government communities since 1985. Our goal of producing high quality, affordably priced isotopic data is supported by over 200 years of cumulative experience in the field.



Isotech is located approximately 150 miles south of Chicago in Champaign, Illinois, home of the University of Illinois, the Illinois State Geological Survey, and the Illinois State Water Survey. In addition to laboratory and office space, we have a well equipped workshop where we maintain much of our own equipment and design/construct equipment for special needs.

ANALYTICAL SERVICES - We are the largest commercial stable isotope laboratory in the western hemisphere specializing in high-precision carbon, hydrogen, oxygen, nitrogen and sulfur isotopic analysis. We have multiple dual inlet instruments in addition to continuous flow machines utilizing gas chromatographs, elemental analyzers, and a thermal conversion elemental analyzer (TC/EA). We also maintain a suite of gas chromatographs for compositional analysis, and liquid scintillation spectrometers for tritium analysis. Recently, we added a Picarro CRDS Laser system for water isotope analysis. Multiple off-line preparation systems allow for the highest precision dual-inlet IRMS analyses. We are very proud that Isotech is considered the “standard” to which other labs are compared, and we strive to maintain that status.

SAMPLING SERVICES - Isotech believes that good data begins with sample integrity. To this end, we strive to aid our clients in all aspects of sample collection, containment and shipment to our facility. Known for the innovative development of the IsoTube®, IsoJar®, IsoBag®, IsoPak™ and IsoTrap™, our sampling containers are rapidly being accepted throughout the world as the industry standard.

REMOTE LABORATORY SERVICES - Since it is simply not possible to achieve rapid delivery and analysis of samples from some areas of the world, Isotech has developed hardware and software configurations allowing us to deploy our systems remotely. In November 2007 we installed our first “satellite laboratory” within StratoChem Services in Cairo, Egypt. In November 2008 our satellite laboratory opened in Rio de Janeiro, Brazil, and a third system has been installed in Perth, Australia, located at Geotech. Isotech provides all equipment, calibration standards, and working standards. The raw instrument data is transmitted to Isotech where data reduction and calibration is carried out by our scientists, and therefore the data generated at the satellite laboratory facilities is the same quality as generated at Isotech.

