



ISOTECH[®]

ISOTECH LABORATORIES INC



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About Isotech

Isotech Laboratories, Inc has been providing isotopic analysis services to the oil and gas, environmental, industrial, and government communities since 1985. Our goal is to produce high quality, affordably priced isotopic data coupled with the dedicated customer service one expects from a commercial laboratory.



Isotech is located approximately 150 miles south of Chicago in Champaign, Illinois, home also to 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 - Isotech is the largest commercial stable isotope laboratory in the western hemisphere (and possibly the world). 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. 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 feels 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. Although samples may be submitted in the client's containers, we also maintain a large supply of various sampling containers. Isotech developed IsoTube[®], IsoJar[™], and IsoBag[™], sampling containers, which are quickly being accepted throughout the world as the industry standard.

REMOTE LABORATORY SERVICES - It is simply not possible to achieve rapid delivery and analysis of samples from some areas of the world. Therefore, Isotech has been working closely with a manufacturer of isotope ratio mass spectrometers to design and build a small bench-top unit for the carbon isotope analysis of methane, ethane, and propane from mud gases. Isotech's goal is to deploy remotely operated systems in Isotech "Satellite" Labs. Isotech will provide all equipment, calibration standards and working standards. The raw instrument data will be transmitted to Isotech where data reduction and calibration will be carried out by our scientists.

Isotech's staff, with over 200 years of cumulative experience in isotopic analysis, is dedicated to providing you with the highest quality data and the best customer service possible. Please give us a call to discuss your special needs.

