



ISOTECH LABORATORIES, INC. WWW.ISOTECHLABS.COM

1308 Parkland Court Champaign, IL 61821 • (217) 398-3490 • Fax: (217) 398-3493 • mail@isotechlabs.com

High Precision Isotopic Analysis

Why Isotech?

Isotech has established itself as one of the premier commercial isotope laboratories in the world. The following points summarize our procedures for providing the highest quality data. For specific applications, please review our other information sheets.

Minimum of 20% of all analyses are for QA/QC

- One of every 10 analyses is a duplicate sample analysis
- One of every 10 analyses is a working standard
- Wide variety of working standards chosen to match sample makeup
- Multiple calibration standards, not just single point calibration

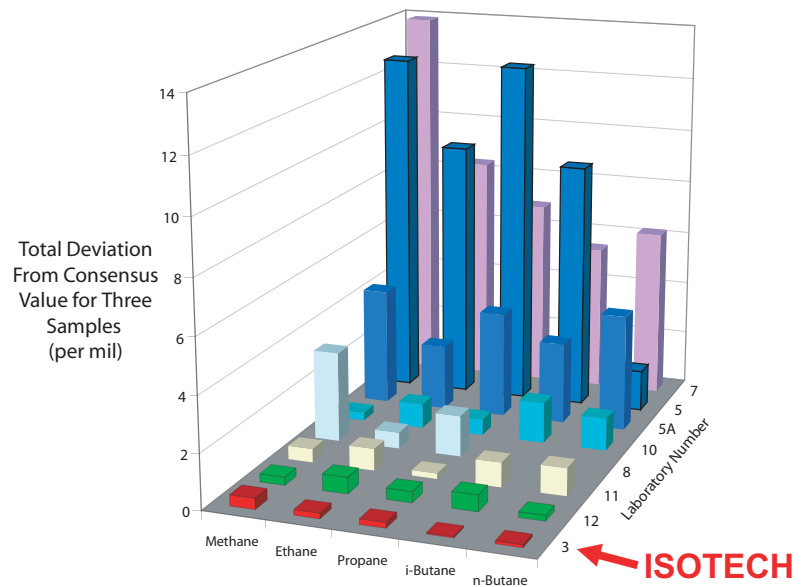
Multiple systems for Data Validation

- Five Isotope Ratio Mass Spectrometers for Dual Inlet, EA-IRMS, TCEA-IRMS, GC-C-IRMS
- Redundant systems provide backup
- Data can be generated using either online or off line dual inlet systems
- Ability to run samples on completely different systems is an advantage most other commercial laboratories cannot match

Proven and Tested Results

- Interlaboratory comparisons and blind tests by clients have proven the quality of our data.
- Isotech was recently co-selected by NIST (National Institute for Science and Testing) to perform the isotopic calibration of natural gas standards which are distributed internationally.

Results of blind testing of carbon isotope analyses of natural gas by a major oil company



Results of the IAEA interlaboratory comparison for deuterium analysis of water samples

