



Houston High-Resolution Laboratory

The high-resolution ALS laboratory in Houston, TX is in a new, state-of-the-art facility and specializes in the analysis of Dioxins, Furans and PCB Congeners by high resolution gas chromatography/mass spectrometry (HRGC/HRMS). The laboratory performs these analyses on a variety of sample matrices: soil, sediments, animal/marine tissues, waste water, drinking water, air, paper, incinerator ash, solid waste, food products, food additives, household dust, and wipe samples.

Standard turnaround time for dioxin/furan and PCB methods are 14 days and 21 days, respectively. Rush services are available upon request.

Method Reporting Limits are determined from the lowest concentration used to calibrate each congener. Estimated detection limits are calculated for each congener in each sample from the response and recovery of the appropriate labeled standard. The detection limits will depend on the matrix, the sample size and instrument performance. It is very important to discuss any project specific, detection limit requirements with the laboratory before the project begins.

Contact us today to schedule your next high-resolution project!

Analytical Testing Capabilities and Services

- Ambient air monitoring
- Combustion source testing
- Stack testers - consulting engineers
- Ash disposal
- Diesel engine environmental impact
- Wipe samples analysis
- Groundwater monitoring
- Surface water analysis
- Drinking water analysis
- Biological tissue analysis
- Human blood/milk contamination levels
- Biocentration factors
- Soil/sediment characterization
- Lime production - kaolinitic clays
- Site remediation
- Effluent monitoring
- Organic pigment and dyes
- Chemical manufacturing
- Pesticides
- Pulp and paper
- Wasterwater and bio-solids
- Industrial waste destruction
- Emergency response
- Municipal waste incineration

SERVICE

- On-time data delivery and rapid TAT
- Experienced staff with expertise
- Available after-hours and weekends

VALUE

- Instant access to data with Webtrieve™ and Webtrieve™ Mobile App
- Custom bottle kits with pre-printed labels and COCs

RELIABILITY

- Technical experts that can answer your most difficult questions
- A real focus on quality and process control with a rigorous QA/QC program

Get Connected!

Visit our website for more information about ALS.



Scan the QR Code with your smartphone or search for "ALS Environmental" on YouTube.

