

Trusted Technical Expertise.

Waste-to-Energy Support

Columbia Analytical offers analytical support for the waste-to-energy industry. Our services are provided to a variety of organizations, including industries, municipalities, consultants, and university and government research labs around the country. Our capabilities include analyzing waste using a variety of ASTM and EPA methods:

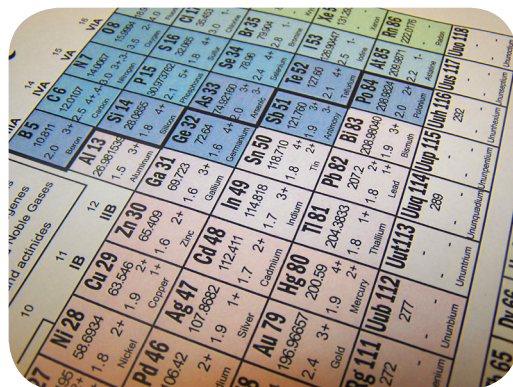


- Proximate Analysis (Moisture, Ash, Volatile Matter, and Fixed Carbon)
- Ultimate Analysis (CHNOS)
- Total Halogens (Br, Cl, F)
- Heavy Metals in the MSW and Ash
- Low Level Sulfur and Chlorine in Liquid Fuels by XRF-EDS
- Degradable Organic Content (DOC) by SM 2540G

We have extensive experience working with difficult matrices and unusual waste streams that require specialized sample preparation procedures.

Complete testing package, including environmental analyses also available:

- Dioxins by High Resolution GC/MS
- Syngas and Landfill gas analyses
- PCBs plus Volatile and Semi-volatile Organic Compounds by GC and GC/MS
- TCLP and SPLP Extractable Metals and Organic Compounds



For more information, visit our website at www.caslab.com/Waste-to-Energy