

Eltron Research & Development

Contract Services

Analytical Services & Materials Testing

Eltron Research & Development is dedicated to providing novel, practical technology solutions to energy, petrochemical, environmental, defense and aerospace industries.

More than just routine testing and analysis, Eltron's Analytical Services can include consultation with senior scientists and engineers to solve technology problems. Eltron has expertise and instrumentation that enables conducting mainstream analysis as well as special tests.



- Atomic Absorption (flame and GFAA)
- Gas Chromatography/Mass Spectroscopy
- Gas Chromatography
- Total Organic Carbon (TOC) Analysis
- Differential Scanning Calorimetry (DSC)
- Differential Thermal Analysis (DTA)
- Thermo-Mechanical Analysis (TMA)
- Thermogravimetric Analysis (TGA)
- High Performance Liquid Chromatography (HPLC) (refractive index detector)
- X-ray Diffractometry
- UV/VIS Spectroscopy
- FTIR
- Surface Area/Pore Size Analysis
- SEM with EDX Capabilities
- Particle Size Analysis (liquids)
- Viscosity
- Hardness
- Mechanical Properties
 - * Tension & compression up to 30,000 lb. load
 - * Cryogenic & high temperature
- Optical Microscopy

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Rate Sheet

Rates effective as of June 1, 2009

Service	Rate
Atomic Absorption (flame and GFAA)	\$100/sample (add \$150/hr if method development required)
Differential Scanning Calorimetry (DSC)	\$225/sample
Differential Thermal Analysis (DTA)	\$225/sample
Energy Dispersive Spectroscopy	\$150/hr
FTIR	\$150/hr
Loss on Ignition (LOI)	\$225/sample
Magnetic Susceptibility	\$100/sample
Mechanical Strength (cryogenic and high temperature)	\$250/series
Optical Microscopy	\$150/hr
Particle Size Analysis (liquids) (PSD)	\$100/sample
PSD with optical microscope including extraction	\$150/hr
SEM with EDX Capabilities	\$150/hr (includes sample prep)
Surface Area/Pore Size Analysis/BET	\$150 (BET/SA only); \$200 (includes PSA)
Thermogravimetric Analysis (TGA)	\$225/sample (add \$150/hr for detailed interpretation of results)
Thermo-Mechanical Analysis (TMA)	\$225/sample
Total Organic Carbon (TOC) Analysis	\$100/sample (plus \$150/hr prep)
UV/VIS Spectroscopy	\$150/hr
Viscosity	\$200/sample
X-ray Diffractometry	\$225/sample (includes phase identification)

Contact Us

To discuss engaging Eltron Research & Development for Analytical Services, contact the Business Development Group at business@eltronresearch.com or at 303-530-0263.



Eltron Research & Development Inc.

Eltron Research & Development commercializes novel technologies involving energy, chemicals, advanced materials and environmental systems.