



## Western Kentucky University

Advanced Materials Institute 2413 Nashville Rd Central Receiving 708 Bowling Green, KY 42101  
Phone: (270) 745-3006

Technique	External Price
<b>Elemental Analysis</b>	
Mercury	35
Carbon, Hydrogen, Nitrogen, Sulfur (individual element) by CHNS	35
Set: Carbon, Hydrogen, Nitrogen	70
Sulfur (sulfate) coal	95
Sulfur (pyritic) coal	95
Set: Carbon, Hydrogen, Nitrogen, Sulfur, Ash, Oxygen	130
Solid Digestion/Sample for ICP or IC	55
Set Up Fee for ICP Analysis	155
Individual Element by ICP (typically metals)	30
Set of any 5 Elements by ICP	125
Fluoride, Chloride, Bromide, Nitrate, Nitrite, Phosphate, Sulfate (individual ion) by Ion Chromatography	30
Set of 3 Anions by IC	70
<b>Mass Spectrometry</b>	
Gas Chromatography – Mass Spectrometry (GC-MS)	210
Liquid Chromatography – Mass Spectrometry (LC-MS)	300
<b>Microscopy</b>	
Atomic Force Microscopy (AFM)	300
Large Chamber Scanning Electron Microscope (LC-SEM)	300/hr
<b>Crystallography</b>	
X-ray Powder Diffraction (PXRD)	200
Single Crystal X-ray Diffraction Data Collection (SCXRD)	300
Single Crystal X-ray Diffraction Data Collection with Structure Solution (SCXRD)	540
<b>Thermal Analysis</b>	
Thermomechanical Analysis (TMA)	200
Differential Scanning Calorimetry (DSC)	200
Modulated Differential Scanning Calorimetry (MDSC)	240
Simultaneous Differential Scanning Calorimetry – Thermogravimetric Analysis (SDT)	275
SDT-FTIR	540
High Pressure Thermogravimetric Analysis (HPTGA)	1200



### **General Analysis**

Moisture	30
Ash	30
Volatile Matter	30
Set: Moisture, Ash, Volatile Matter	70
Heating Value (Calorimetry)	80
Fourier Transform Infrared Spectroscopy (FTIR)	100
EPA Method 1030	Contact for price

PRICES EFFECTIVE March 1, 2025 (Special pricing available for multiple samples. Please call or email for quote.)