

INTOCERAMICS

INTOCERAMICS MATERIAL ANALYTICAL SERVICES	
Thermal Analysis	Price
Dilatometry (Air)	\$190.00
Dilatometry (Cryogenic)	\$345.00
Simultaneous Thermal/Evolved Gas Analysis (TG/DSC/FTIR)	\$440.00
Thermogravimetric/Evolved Gas Analysis (TG/FTIR)	\$250.00
Thermogravimetric Analysis (TGA)	\$190.00
Thermogravimetric Analysis & Differential Scanning Calorimetry (TG/DSC)	\$250.00
Chemical Analysis	
Loss on Ignition (LOI)	\$55.00
Qualitative XRF (X-ray Florescence) - Liquids/Surfaces	\$125.00
Semi-Quantitative XRF (X-ray Florescence) - Surfaces/Powder	\$140.00
Quantitative XRF (X-ray Florescence Spectrometer) - Fusion	\$150.00
Inductively Coupled Plasma Spectroscopy (Leaching) - Add \$15.00 per element	\$75.00
Inductively Coupled Plasma Spectroscopy with Acid Digestion- Add \$15 per element	\$150.00
Soluble Salts Test (Cations/Anions)	\$210.00
Toxicity Characteristic Leaching Procedure (TCLP)	\$450.00
Mineralogy	
X-ray Diffraction, Phase Identification	\$195.00
X-ray Diffraction, Phase Quantification (XRF/LOI Required)	\$265.00
Crystalline Silica (X-ray Diffraction)	\$175.00
Total Sulfur and Carbon (LECO)	\$120.00
Pyrite, Sulfate & Inorganic Carbon Determination (E1915)	\$240.00
Environmental	
Hydrogen Fluoride and Hydrogen Chloride Analysis by Pyrohydrolysis Method	\$205.00
Mass Balance (Fluorides & Chlorides)	\$415.00
Mass Balance for Sulfur & Carbon (LECO)	\$195.00
Mercury Testing	\$70.00
Microscopy	
Scanning Electron Microscopy: plus consumables	\$275.00
Polished Section for SEM Analysis	\$95.00
Optical Microscopy: Hourly Rate	\$85.00
Analytical Other	
Mercury Porosimetry	\$350.00
Total Particle Size Analysis-by Laser Scattering	\$150.00
BET Surface Area Analysis	\$175.00
Specific Gravity by Helium Pycnometry	\$200.00
Powder Oil Absorption by ASTM-D281	\$90.00
Sample Preparation Fee Per Individual Sample	\$25.00
Additional Physical and Analytical Testing Available Upon Request	
Standard Individual Pricing Effective January 2022. Subject to Change Without Notice.	