

Property Measured*	Charges
Composition, Na-U; Spectro Xepos 03 or 05 Energy Dispersive X-Ray Fluorescence	\$175/sample
SEM/EDS; Hitachi SU3500S Variable Pressure and Bruker Quantax 200	\$200/sample
Particle Size Distribution, 0.04 - 500µm; Beckman Coulter LS13320 Laser Diffraction	\$150/sample
DSC/TGA (up to 1400°C); TA Instruments SDT650	\$150/sample
BET (Surface Area), Average Pore Size, Pore Volume; Micromeritics Tristar 3000	\$150/sample
Thermal Expansion Coefficient, Ts, Tg, 35-1000°C; Orton 2012STD or TA Instruments DIL 801 L Dilatometer	\$150/sample
Refractive Index, 1.4-1.8; Becke Line	\$75/sample
Refractive Index; Metricon 2010/M Prism Coupler @ 406, 532, 633, 973	\$150/sample
Density of solids by Archimedes	\$75/sample
Density of solids or powders; Quantachrome UltraPycnometer 1200e	\$75/sample
Fluoride, Calcium; Ion Selective Probe	\$130/sample
Loss on Drying or Loss on Ignition by Gravimetric with Analytical Balance	\$100/sample
X-Ray Diffraction by Rigaku MiniFlex II – phase identification and/or qualitative % crystallinity	\$200/sample
Toxicity Characteristic Leaching Procedure (EPA-TCLP)	\$1680/sample
Toxicity Characteristic Leaching Procedure (EPA-TCLP) – Multiple Phases	\$1890/sample
Synthetic Precipitation Leaching Procedure (EPA-SPLP)	\$1660/sample
Product Consistency Test (DOE-PCT)	\$1575/sample
Vapor Hydration Test (DOE-VHT)	\$1050/sample
High Temperature Viscosity Measurement	\$1420/sample

*In most cases, only glass/ceramic-related materials may be analyzed. Please contact MO-SCI to discuss your unique needs.