

Li-Ion Batteries: Materials Characterization Service







Why Work with Us?

Expertise in LIB Materials Analysis

Highly experienced with advance technology



Free Consultation

Before and after service

In-Depth Data Interpretation
As a second opinion to yours

Quality Assurance Program
Free remeasurement if not satisfied

Advanced Applications



Objective

Solid Electrolyte Interface Analysis

Atomic Level LIB Materials Evaluation

Nanoscale Chemical LIB Mapping

3D Evaluation of Separator

Solution

XPS

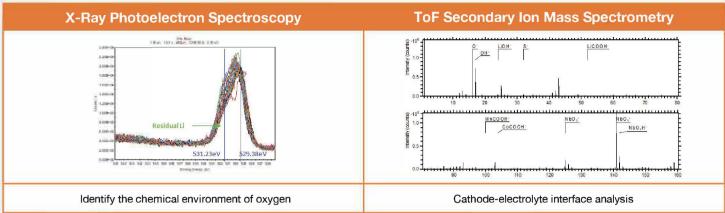
TEM-EDS

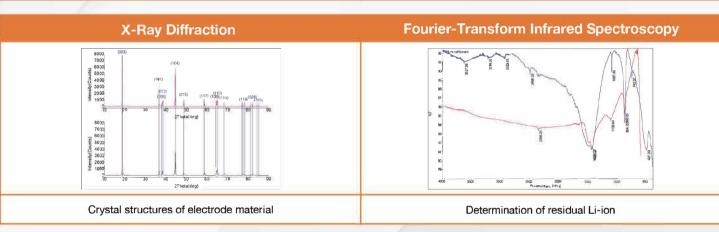
ToF-SIMS

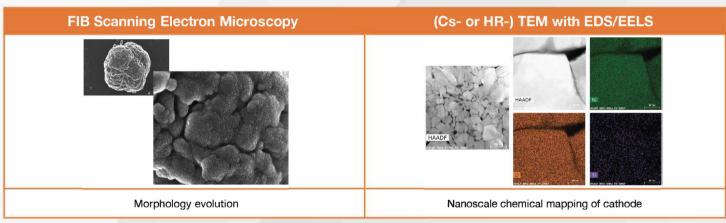
X-Ray

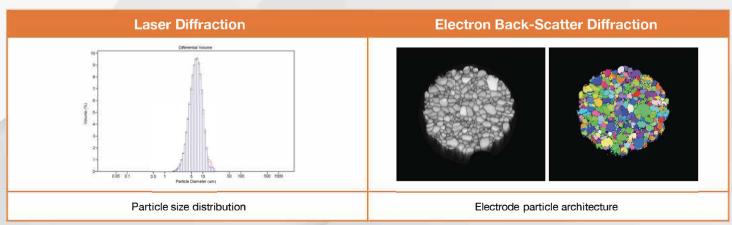
	Li-Ion Battery Applications		
	Cathode	Structure, composition, stability & elemental distribution BET, FTIR, ICP-OES, Nano-SIMS, SEM-EDS/FIB Cross-section, TEM-EDS/EELS, TGA-MS, ToF-SIMS, XRD, and XPS	
	Anode	Structural characterization, thermal stability BET, FTIR, ICP-OES, Nano-SIMS, Raman, SEM-EDS/FIB Cross-section, TEM-EDS/EELS, TGA/DSC, ToF-SIMS, XRD, and XPS	
	Separator	Morphology, porosity, stability AFM, FTIR, SEM-EDS, XRD, Tensile strength, TEM-EDS/EELS, TGA/DSC, and X-ray 3D CT	
	Electrolyte	Elemental and compound impurities GC-MS, ICP-OES, LC-MS/MS, and XPS	

Materials Analysis-Featured LIB Characterization Services

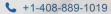












3675 Crestwood Parkway Ste 449, Duluth GA 30096