



## PPT Analytical Capabilities

PPT is equipped with a fully integrated lab set up to complete a wide range of analytical testing. Our capabilities include, but are not limited to, the following areas of interest:

<u>Equipment</u>	<u>Uses</u>
◆ Laser Particle Size and Shape Analyzer	Particle Size and Shape (0.04 ~ 500 µm)
◆ Surface Area Analyzer (Micromeritics TriStar)	BET Surface Area
◆ Surface Area Analyzer (Micromeritics Gemini)	BET Surface Area
◆ X-Ray Fluorescence Spectrometer	Composition Analysis
◆ Carbon Analyzer	Carbon Content
◆ Viscometer	Viscosity of Liquid Samples
◆ pH Meter	Cl Content or pH
◆ RCL-DLF Digibridge	Ionic Contamination
◆ Solids Contents Test Unit	Solids Percentages
◆ Turbidity Tester	Fine Particle Contamination
◆ Moisture Analyzer	Moisture Content
◆ Flowmeter	Powder Flow Rate
◆ Dry Sieve Screen	Dry Particle Size Distribution
◆ Densitometer	Powder Bulk Density and Tapped Density
◆ Strength Tester	Mechanical Strength
◆ Flux Meter	Magnetic Saturation
◆ LCR Meter / Impedance Analyzer	Electromagnetic Properties
◆ Tube Kilns / Batch Kilns	Calcining / Sintering
◆ Thermo-Gradient Furnace	Multi-temperature Firing

*SDS sheets, specifications, and/or standards may need to be supplied with samples.  
For more information, please contact us at 219-462-4141 ext.249 or via e-mail at [afreese@ppttechnology.com](mailto:afreese@ppttechnology.com).*