



*Analytical Contract Lab
Providing Particle Size
and Characterization
Testing Services*




Particle Technology Labs

The Leader in Independent
Particle Characterization Services

THE PARTICLE EXPERTS

CHARACTERIZATION - METHODOLOGY - EDUCATION



*PTL is the trusted particle characterization advisor
to the world's leading pharmaceutical, industrial,
public sector, and scientific organizations.*

www.particletechlabs.com

sales@particletechlabs.com

(630) 969-2703

555 Rogers Street
Downers Grove, IL 60515

There is a reason the world's leading organizations choose Particle Technology Labs. Whether assisting a pharmaceutical company with an FDA approval to deliver a new drug to market, helping a cosmetic company improve product performance, or troubleshooting a material behavior issue, we deliver unparalleled business value to our clients each and every day.

For more than 25 years, we have taken great pride in continuing to progress in our industry, staying on top of the most current technologies, instrumentation, and techniques. We provide comprehensive and innovative solutions, excellent customer service, expert knowledge in the field of particle technology, and a commitment to analytical integrity.

PTL offers independent, objective and unique analytical insight to meet even your most challenging characterization needs.



SERVICES

Particle Technology Labs offers a wide array of particle size and characterization analyses. Our trained chemists use state of the art instrumentation and techniques to provide independent, accurate test results.

We perform routine and advanced material characterization testing and analysis services, conduct method development, validation and transfer studies, and solve complex problems for clients from a variety of industries.



At PTL, our scope and expansive knowledge of particle technology allows us to address problems that no one else can.

As an independent service laboratory, our comprehensive capabilities are renowned for offering valuable insight under an objective environment.

Particle Size Distribution

Laser Diffraction

Electrozone

Light Obscuration / Photozone

Dynamic Light Scattering

Nanoparticle Tracking Analysis

Particle Size & Shape Analysis

Sieve Analyses

Air Permeability Diameter

Microfluidic Resistive Pulse Sensing (MRPS)

Gas Adsorption & Porosimetry Analyses

Bet Specific Surface Area (BET)

Micropore Measurement

Mesopore Measurement

Mercury Intrusion Porosimetry

Chemisorption

Vapor Sorption

Particle Identification / Speciation

Microscopy Services

Scanning Electron Microscopy (SEM)

Photomicroscopy

Image Analysis

Powder Flowability

Thermal Analysis

Thermogravimetric Analysis

Differential Scanning Calorimetry

Zeta Potential

Customized Method Development & Validation

Method Development

Method Validation

Method Transfer

Method Verification

Statistical Analysis

INDUSTRIES SERVED

The applications for particle characterization results are as endless as the types of industries we serve.



Pharmaceutical

Petro-Chemical

Beauty & Cosmetic

Food & Beverage

Ceramic

Aerospace

Automotive

Biomedical Device

Manufacturing

Mining

Environmental

Agricultural

Ink, Pigment & Paint

Dietary Supplement

Cannabinoid

Abrasive

Medical Device

Research Universities

At PTL, our mission is to continuously provide a high level of technical expertise and quality service to our customers. We strive to establish long-lasting client relationships built upon mutual collaboration and trust, working closely with each client to ensure delivery of accurate, reliable, and insightful results.



No matter your industry, PTL is the comprehensive solution for your unique particle characterization needs.

**cGMP (Current Good Manufacturing Practices) Compliant
in accordance with 21 CFR, Parts 210 and 211**

ISO/IEC 17025:2017 Accredited

FDA Registered

DEA Licensed

ATF Permit Holder



555 Rogers Street - Downers Grove, IL 60515
sales@particletechlabs.com (630) 969-2703