

MICROMERITICS ANALYTICAL SERVICES

*The Particle
Testing
Authority*



CHARACTERIZATION OF FINE POWDERS AND SOLID MATERIALS

Micromeritics Analytical Services has the technical knowledge necessary, the experience needed, the instruments required, and the lab accreditations appropriate to serve your contract lab needs.

Micromeritics Analytical Services specializes in the characterization of fine powders and solid materials. We are backed by Micromeritics Instrument Corporation, providing leadership and innovation in the field of material science and technology since 1962. Behind each analysis is not only a team of experienced laboratory analysts, but also a team of innovators in material characterization techniques.

TURNAROUND TIME

Micromeritics Analytical Services offers quick sample turnaround with the highest quality results. All results undergo a thorough review process before you receive the data. This means laboratory management, senior scientists, and product specialists must approve the results before they are released to you. You can rest assured your samples will be analyzed properly.

CUSTOMER SATISFACTION

Micromeritics Analytical Services is committed to achieving 100% customer satisfaction rate.

- ✓ State-of-the-art Instruments
- ✓ Thoroughly Reviewed Data by Highly Qualified Scientists
- ✓ Quick Turnaround
- ✓ Ability to Handle Unusual Sample Requests
- ✓ Method Development
- ✓ Data Interpretation
- ✓ Consultation

CERTIFIED

Micromeritics Analytical Services is a cGMP/GLP laboratory, registered with the FDA, and DEA licensed. Strict confidentiality is maintained at all times for you and your samples.

SERVICE/SUPPORT

Backed by a fully trained and highly qualified staff of scientists, technicians, and engineers, Micromeritics Analytical Services will provide you with superior service and support before, during, and after sample analysis. Senior research and application scientists are available to discuss your applications and provide data interpretation. Service personnel are on-site ensuring that analytical instruments are working at optimum performance. In addition, regional sales engineers around the world are available to support you with their technical knowledge and experience.

EXPERIENCE

All these professionals have one thing in common; at some point in their work, the properties of fine particles dictate the performance of their product or the progress of their research. Knowing these physical properties becomes vitally important to their success. For example, pharmaceutical tablets dissolve in our bodies at rates determined, in part, by the particle size and the exposed surface area. Printer performance is related to the pore size of the paper, the type of coating on the paper, and the particle size of the inks. The taste of chocolate and peanut butter is affected by the particle size of their ingredients.

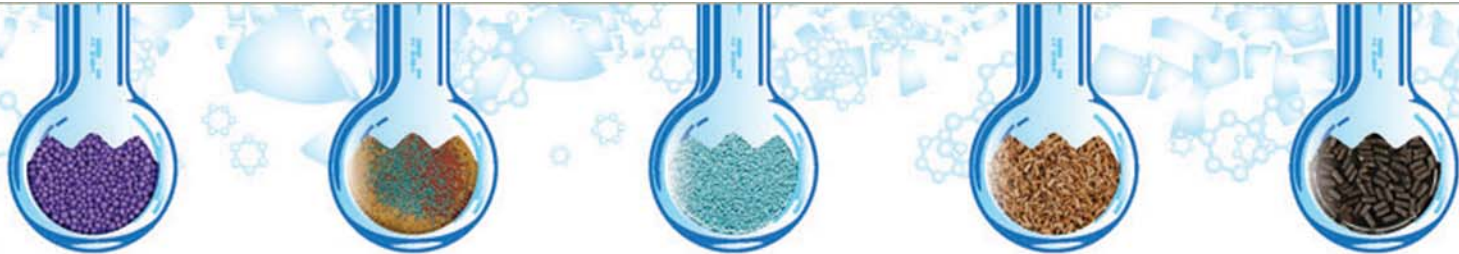
**Material Engineers
Geologists
Oceanographers
Chemical Engineers
Civil Engineers
Chemists
Pharmacists
Environmental Engineers
Ceramic Engineers
Pharmaceutical Scientists
Electrical Engineers
Electronic Engineers
Process Engineers**



Micromeritics Analytical Services helps clients develop new products, build competitive superiority, reduce process expenditures, and solve problems for a wide range of industries. The laboratory has analyzed everything from Acetaminophen to Zinc and all products in between.



**CGMP/GLP
COMPLIANT CONTRACT LABORATORY**



PARTICLE CHARACTERIZATION SERVICES INCLUDE:

Particle Size Distribution
Particulate Count
Nanoparticle Size
B.E.T. Surface Area
Pore Size Distribution
Micropore Analysis
Pore Volume Distribution
Total Pore Volume

Density
Surface Energy
Dynamic Water Vapor Sorption
TGA
DSC
Active Surface Area
Crystallite Size
High Pressure Adsorption

Magnetic Content
Zeta Potential
Isosteric Heat of Adsorption
Microscopy
Method Development
Method Validation
Consulting Services
Percent Metal Dispersion



Particle Size



Surface Area



Chemisorption



Porosimetry



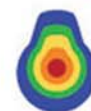
Density



Particle Shape



Vapor Sorption



Thermal Analysis

PARTIAL LIST OF APPLICATIONS AND INDUSTRIES SERVED

Abrasives
Adsorbents
Aerospace
Automotive
Battery
Carbon
Catalyst
Ceramics
Coatings
Construction materials
Cosmetics
Dental
Electronic
Energy/Power systems
Environmental
Explosives

Filter and filter media
Foams
Food and beverage
Fuel cell
Geological and soil sciences
Ink
Metal and powder metal industry
Mining and minerals
Paper and pulp
Petrochemical
Pharmaceutical
Plastics and polymers
Refractory
Semiconductor
Tobacco



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