



Particle & Surface Sciences Pty. Limited

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Applications Laboratory Sample Submission Form

Submitters Name:	
Company:	Department:
Address:	
City:	State:
Post Code:	Country:
Telephone:	Fax:
Email Address:	

Payment Details:

Purchase Order Number:	Card Exp. Date:
Card Number:	Card Type:

* Please note that samples may not be analysed without a purchase order number or credit card details

Send Results Via:

- Hard Copy Via Mail (\$40 per sample)
- FAX (\$10 per sample)
- Email – PDF File Format (No Charge)
- Email – Excel File Format (No Charge)

Service Type:	Price
<input type="checkbox"/> Priority (1-3 days)	\$40 surcharge per sample
<input type="checkbox"/> Normal (3-6 days)	List Price

<u>Sample Identification (MSDS must be included with all hazardous materials):</u>

<u>Sample Preparation Instructions:</u>

Particle Size Distribution

Instrument:

- Micromeritics Saturn Digisizer
- Micromeritics SediGraph
- PAMAS Particle Counter, Includes particle count
- POLA 3000

Surface Area Analysis

Test:

- 5Pt BET Surface Area using Gemini (Nitrogen)
- 5Pt BET Surface Area using Tristar (Nitrogen)
- 5Pt BET Surface Area using Tristar (Argon)
- 20 Pt Dubinin Surface Area using Tristar (Carbon Dioxide)

Surface Area and Total Pore Volume Analysis

Test:

- 5Pt BET plus Total Pore Volume (TPV) (Nitrogen)
- 5Pt BET plus Total Pore Volume (TPV) (Argon)

Pore Size Distributions

Test:

- 50Pt Adsorption Only
 - N₂
 - Ar
 - Kr
 - Co₂

Options:

- Incremental Dosing
- Application of DFT Models

- 100Pt Adsorption and Desorption
 - N₂
 - Ar
 - Kr
 - Co₂

Mercury Porosimetry

Test:

- Intrusion Only
- Intrusion and Extrusion

Density

Test:

- Bulk Density by Autopore II
- Absolute and Bulk Density by Autopore II
- Envelope Density by Autopore II
- Absolute Density by Helium Pycnometer

Sieving and Separation

Please Specify Sieve Sizes:

*Please Call the Laboratory to check that the sieve sizes you have requested are available.