



Technical Data Sheet

ACS Material Ordered Mesoporous Carbon CMK-3

Table of Contents

[1 – Preparation Method](#)

[2 – Characterizations](#)

[3 – Application Fields](#)

Contact Information:

Manufacturer: ACS Material, LLC.

Address: 959 E Walnut St., Suite 100,
Pasadena, CA 91106, USA

Phone: (866)-227-0656

Fax: (781)-518-0284

E-Mail: contact@acsmaterial.com

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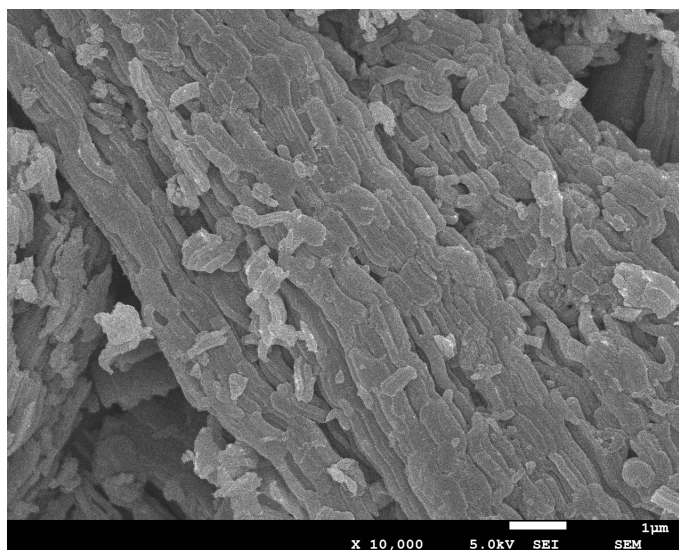
1. Preparation Method

Synthesized by using mesoporous SBA-15 silica as the hard template.

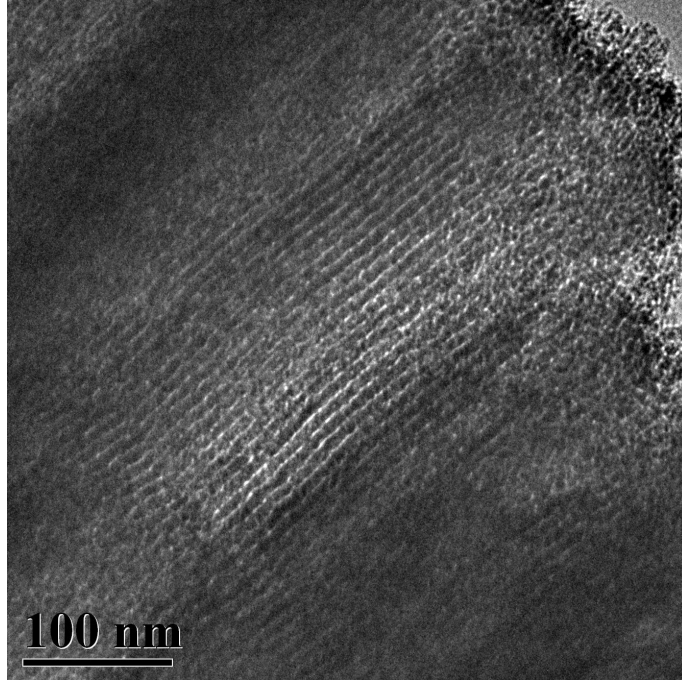
2. Characterizations

Product Name:	CMK-3, Type B
Special Surface Area (m²/g):	≥ 900*
Pore diameter (nm):	3.8-4.0
Total Pore volume (cm³/g):	1.2-1.5
Micropore volume (cm³/g):	0.29
Size (μm):	~1.0
Purity	>99.6%

* BET data listed here is for reference only and we recommend customers perform your own test for more accurate information.



Typical SEM Image of ACS Material Ordered Mesoporous Carbon CMK-3



Typical TEM Image of ACS Material Ordered Mesoporous Carbon CMK-3

3. Application Fields

- 1) Analytical chemistry applications
- 2) Environmental applications
- 3) Medical applications
- 4) Fuel storage
- 5) Supercapacitors
- 6) Gas purification
- 7) Chemical purification
- 8) Distilled alcoholic beverage purification
- 9) Mercury scrubbing

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