



Technical Data Sheet

ACS Material Ordered Mesoporous Carbon CMK-3

Table of Contents

[1 – Preparation Method](#)

[2 – Characterizations](#)

[3 – Application Fields](#)

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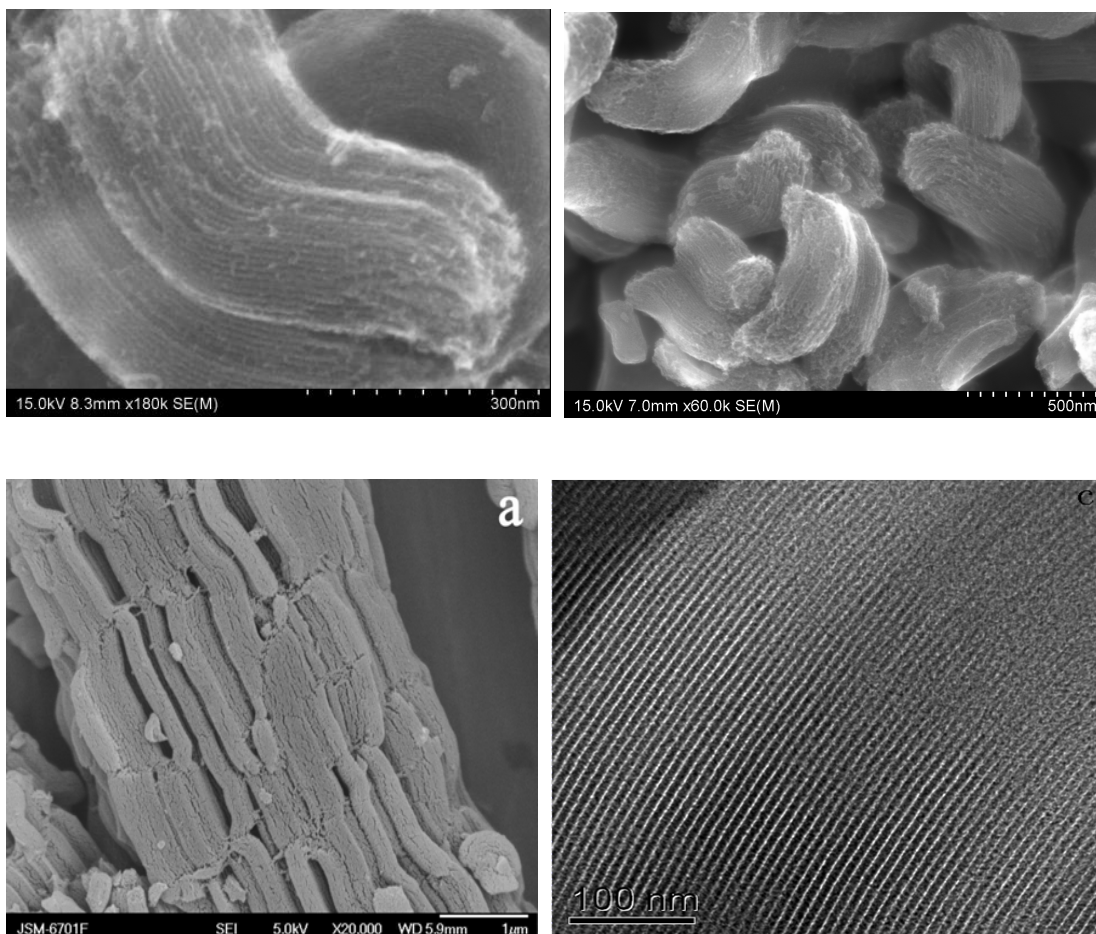
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1. Preparation Method

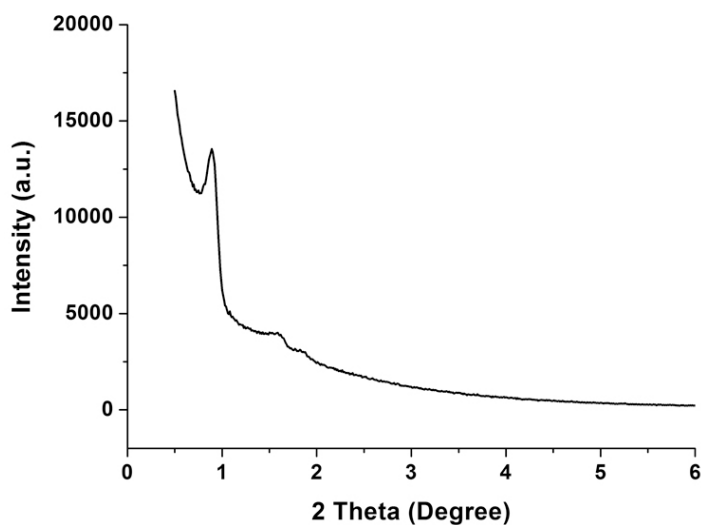
Synthesized by using mesoporous SBA-15 silica as the hard template.

2. Characterizations

Size (μm):	0.5~5
Special Surface Area (m^2/g):	~1000
Pore diameter (nm):	5.5
Total Pore volume (cm^3/g):	1.35
Micropore volume (cm^3/g):	0.01



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



XRD Analysis 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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