



## Technical Data Sheet

### ACS Material N-Doped Mesoporous Carbon (Nitrogen Doped CMK-3, Mesoporous Carbon Nitride)

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#### **Contact Information:**

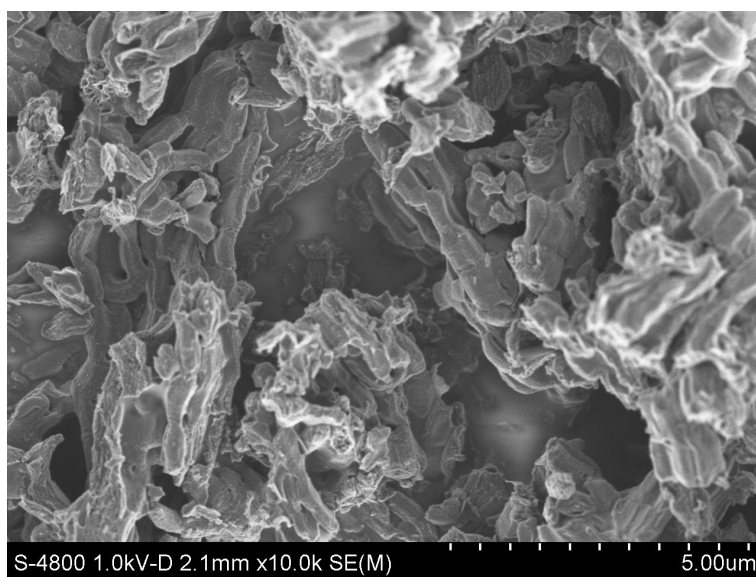
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Revision: 070117

## 1. Preparation Method

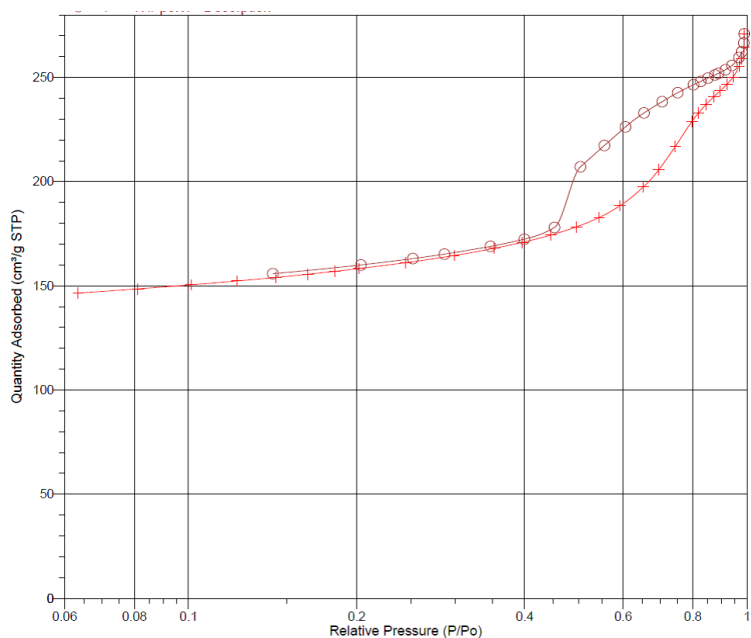
Hard Template

## 2. Characterizations

<b>Average Size (<math>\mu\text{m}</math>):</b>	1
<b>Special Surface Area (<math>\text{m}^2/\text{g}</math>):</b>	>500
<b>C/N (atom):</b>	4.3
<b>Phase:</b>	2D hexagonal lattice (space group p6mm)



Typical SEM Image of ACS Material N-Doped Mesoporous Carbon



BET Adsorption/Desorption Isotherms of ACS Material N-Doped Mesoporous Carbon

### 3. Application Fields

- 1) Supercapacitors
- 2) Adsorption separation
- 3) Catalysts
- 4) Lithium ion battery electrode materials

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