



## Technical Data Sheet

### ACS Material Carbon nanofibers

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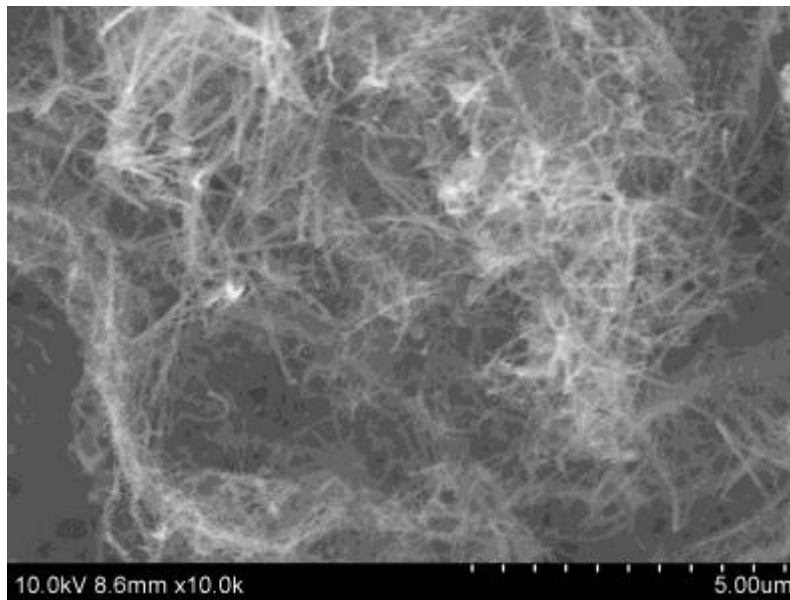
Revision: 041417

## 1. Preparation Method

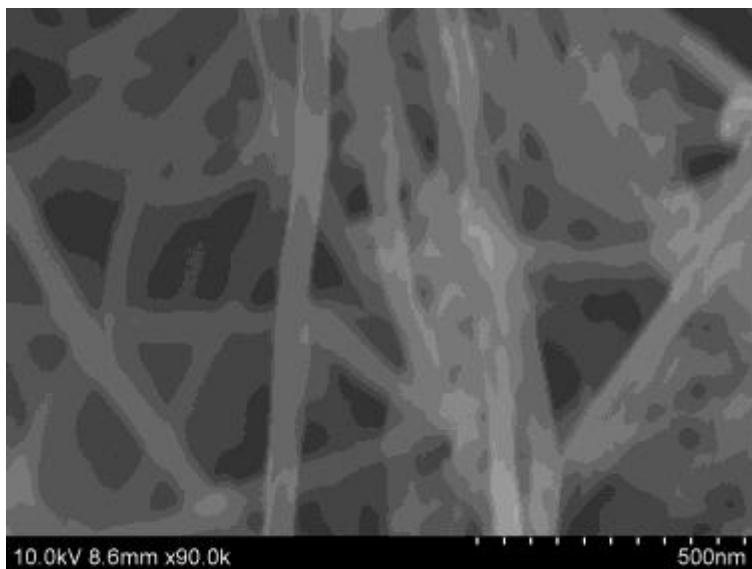
Chemical Vapor Deposition (CVD) Method

## 2. Characterizations

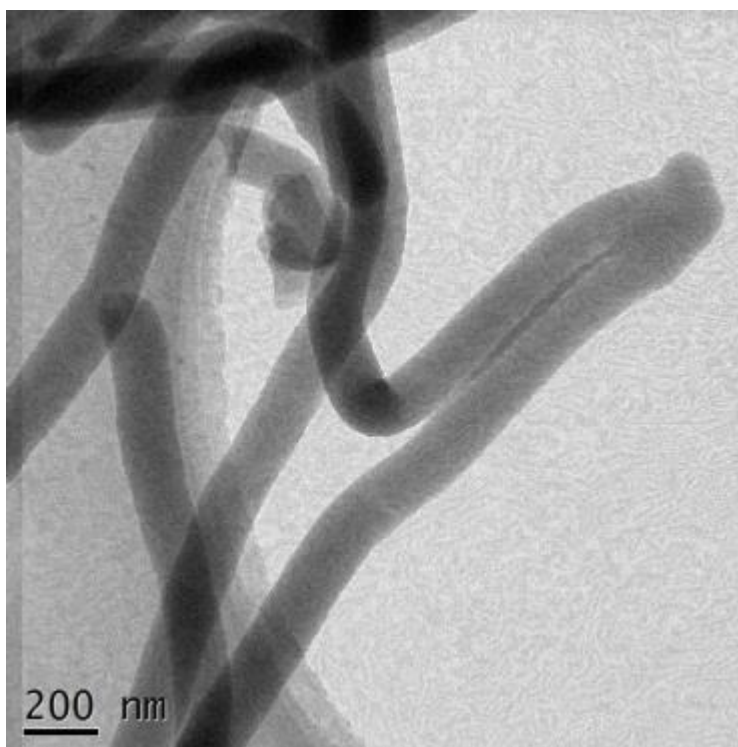
<b>Purity:</b>	>85%
<b>Appearance:</b>	Black
<b>Outer Diameter:</b>	100-300 nm
<b>Length:</b>	5-50 $\mu\text{m}$
<b>Special Surface Area:</b>	>18 $\text{m}^2/\text{g}$
<b>Tap density:</b>	0.043 $\text{g}/\text{cm}^3$
<b>Electric Conductivity:</b>	100 $\text{s}/\text{cm}$



Typical SEM Image of ACS Material Carbon nanofibers



Typical SEM Image of ACS Material Carbon nanofibers



Typical TEM Image of ACS Material Carbon nanofibers

### 3. Application Fields

- 1) Catalysts
- 2) Lithium-battery anodes
- 3) Nanotube composites (by filling or coating)
- 4) Drug delivery

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