



Technical Data Sheet

ACS Material Monodisperse Mesoporous Silica Nanosphere Stellate MSN

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Contact Information:

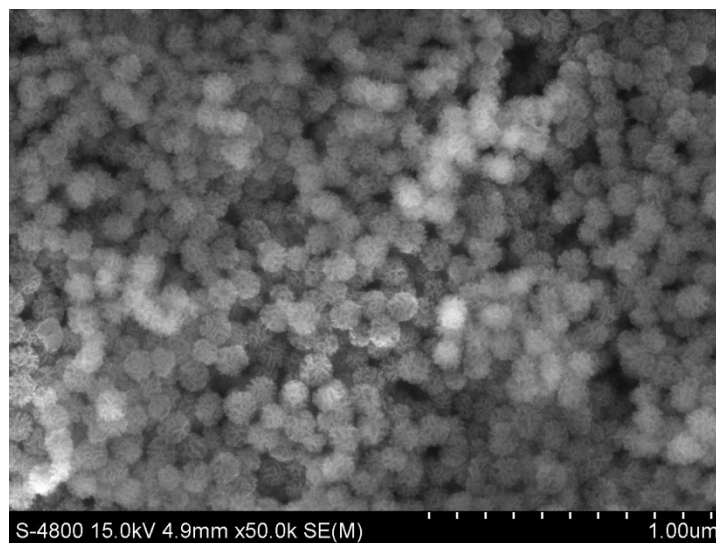
Manufacturer: ACS Material, LLC.
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Revision: 040517

1. Preparation Method

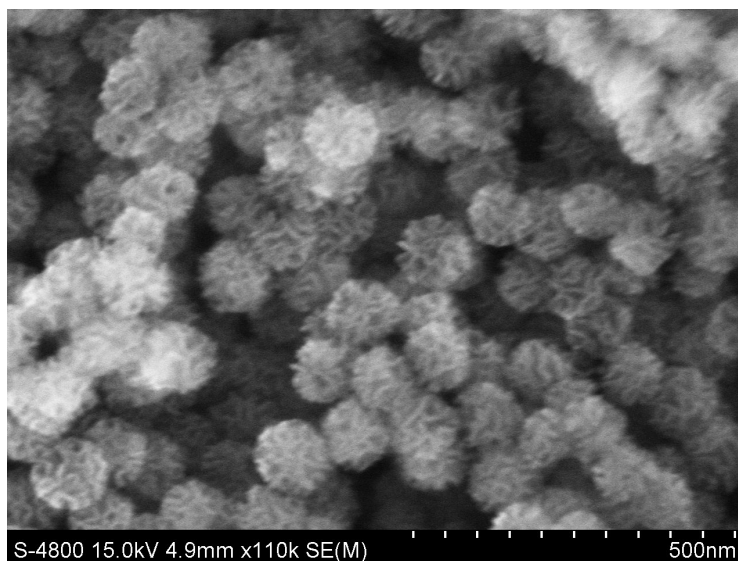
Soft chemistry method

2. Characterizations

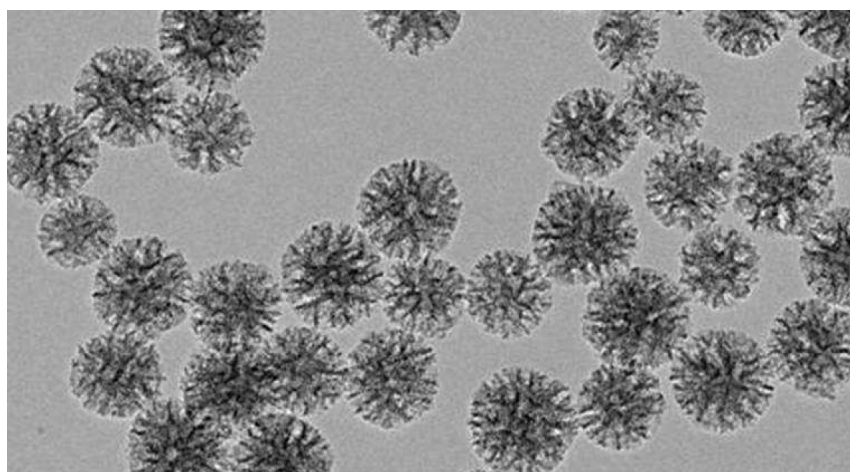
Form:	Mesoporous
Appearance:	White Powder
Average Size:	80 nm
Vtotal:	~1.4 mL/g
Pore Size (conical pores of the stellate MSNs):	2.9 nm
Pore Size (inter particle voids between the packed MSNs):	50 nm



Typical SEM Image of ACS Material Monodisperse Mesoporous Silica Nanosphere Stellate MSN



Typical SEM Image of ACS Material Monodisperse Mesoporous Silica Nanosphere Stellate MSN



Typical TEM Image of ACS Material Monodisperse Mesoporous Silica Nanosphere Stellate MSN

3. Application Fields

- 1) Catalyst
- 2) Chromatography
- 3) Drug delivery

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