Technical Data Sheet

ACS Material Al-MCM-41

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Contact Information:

Manufacturer: ACS Material, LLC.

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

Phone: (866)-227-0656

Fax: (781)-518-0284

E-Mail: contact@acsmaterial.com

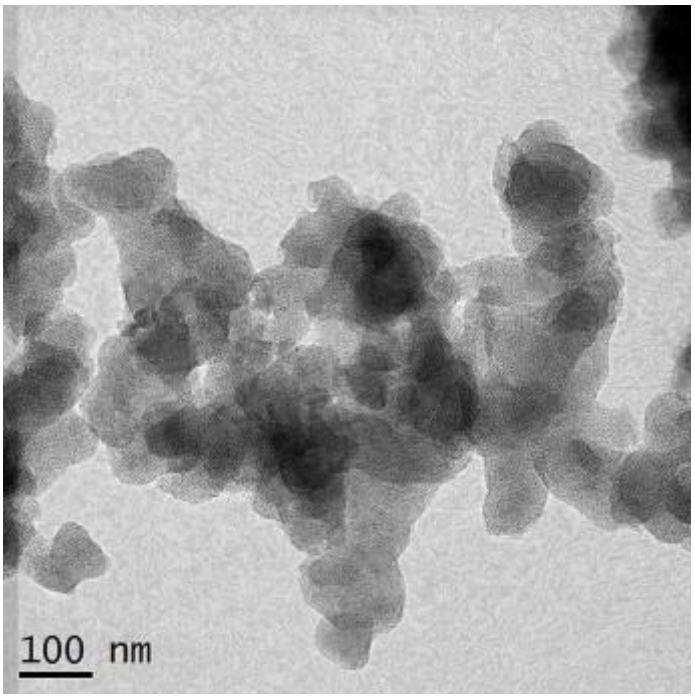
Revision: 020817

1. Preparation Method

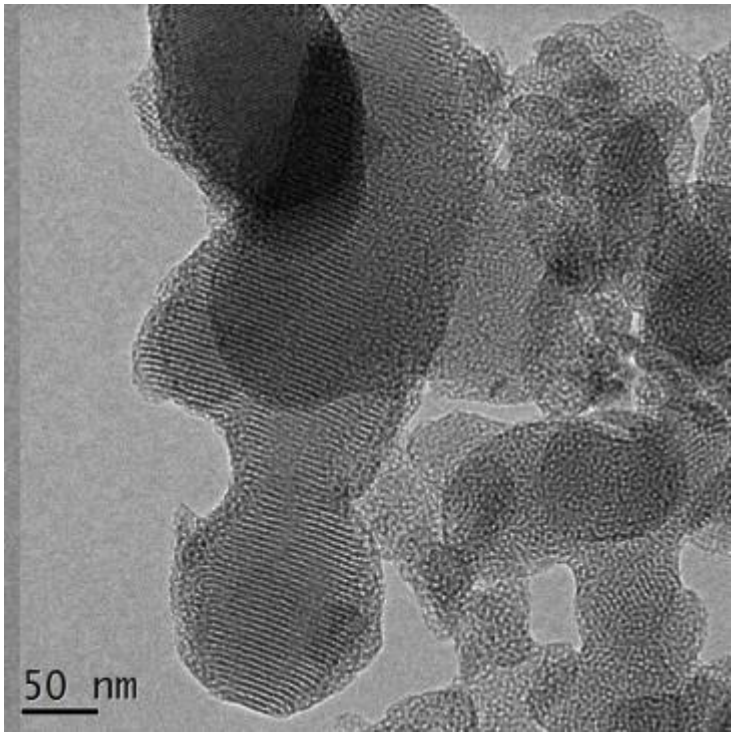
Hydrothermal synthesis method

2. Characterizations

Form:	Mesoporous
SiO_2/Al_2O_3 Molar Ratio:	25
Appearance:	White Powder
Average Pore Diameter:	2.7 nm
BET surface area (m^2/g):	>633m^2/g
Pore Volume (cm^3/g):	≥0.57cm^3/g



Typical TEM Image of ACS Material Al-MCM-41



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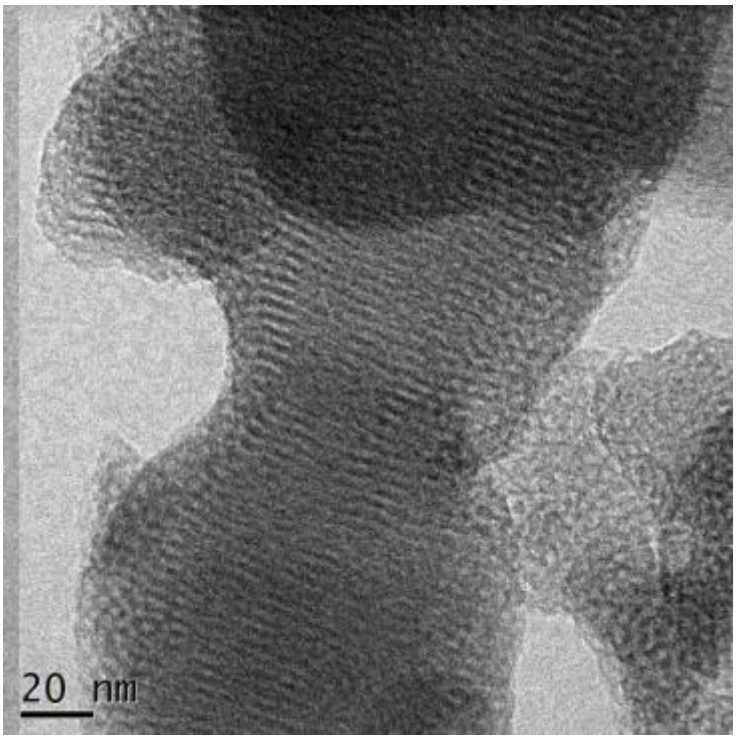

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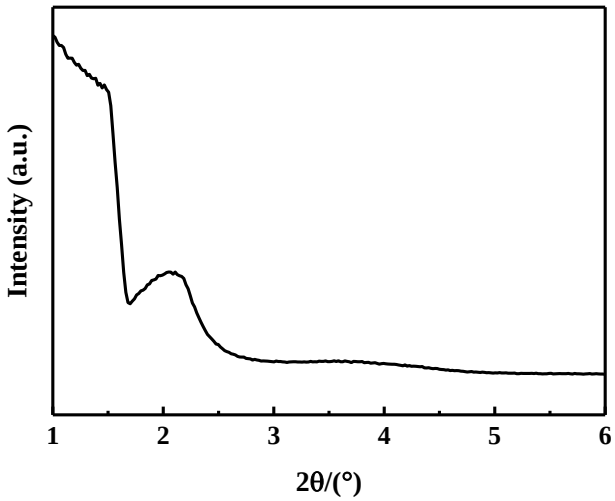
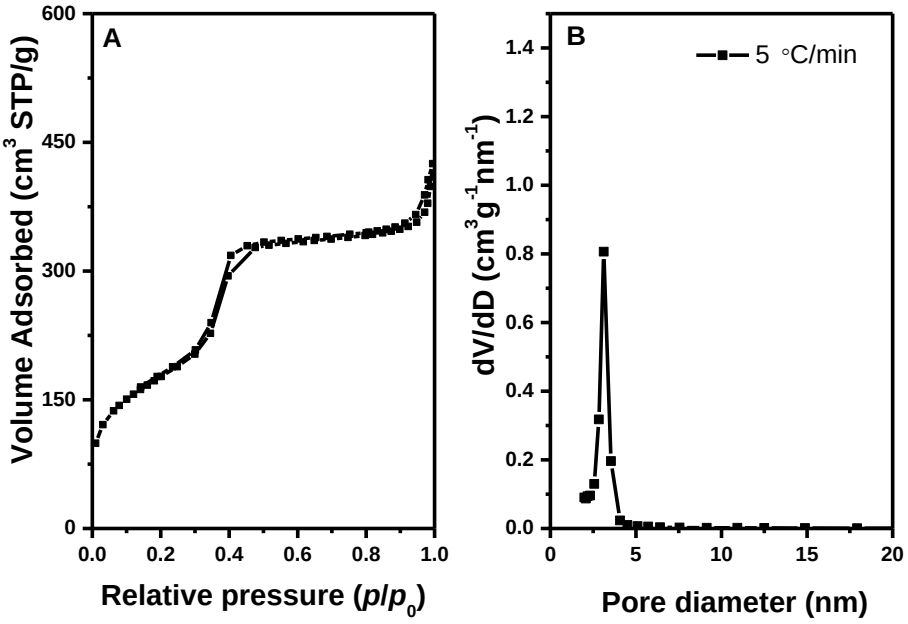


Typical XRD of ACS Material Al-MCM-41



Typical BET Analysis of ACS Material Al-MCM-41

3. Application Fields

1) Catalyst
2) Dye removal
3) Adsorbent

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