



Technical Data Sheet

ACS Material Zeolitic Imidazolate Framework-8 (ZIF-8)

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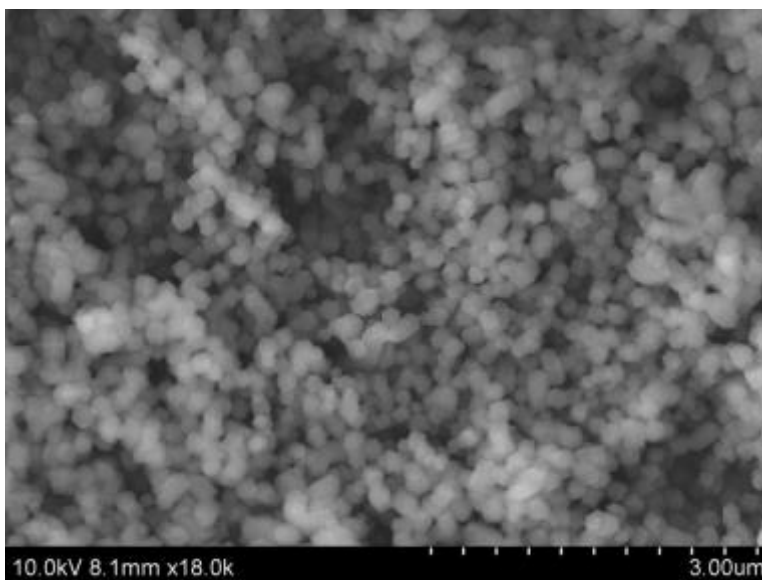
Revision: 061517

1. Preparation Method

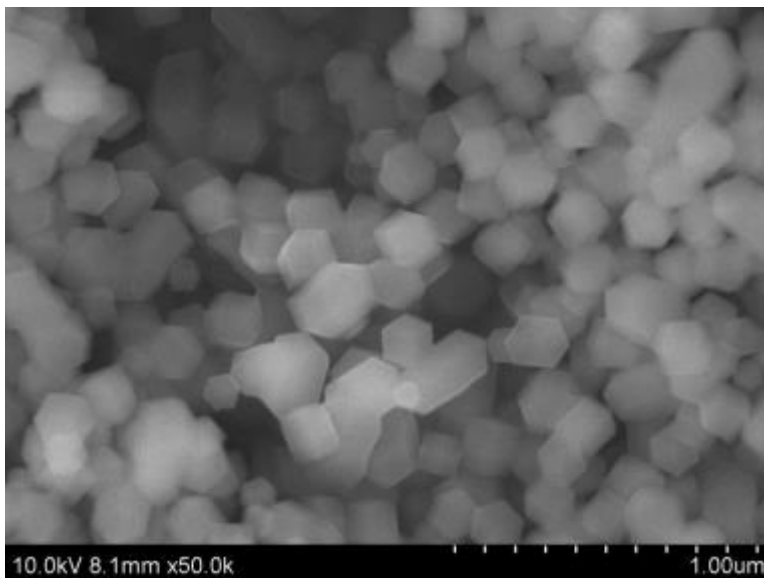
Solvent Thermal Method

2. Characterizations

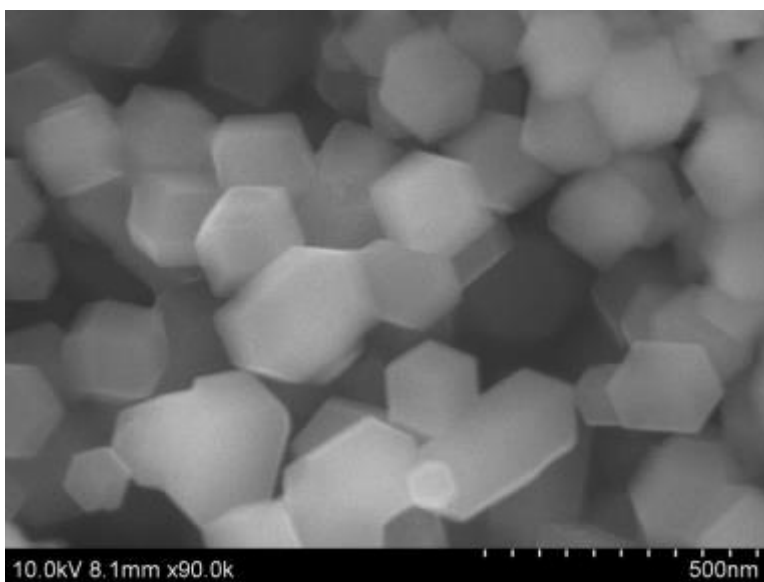
Form:	Metal Organic Frameworks (MOFs)
Appearance:	White Powder
Particle size:	150-200 nm
BET surface area (m²/g):	>1300 m ² /g



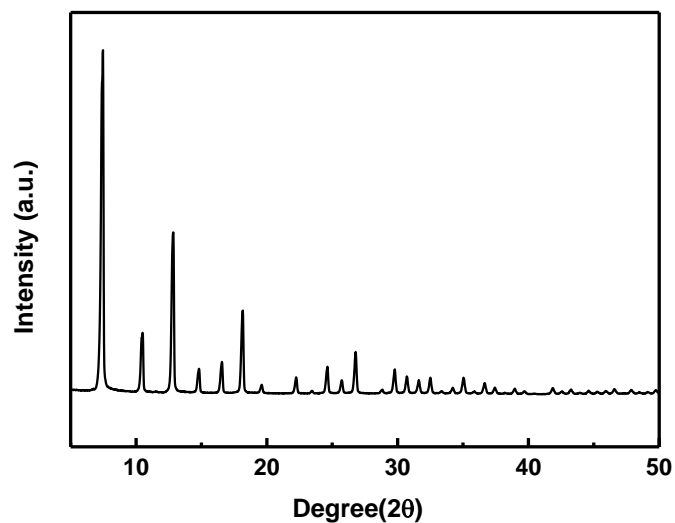
Typical SEM Image of ACS Material ZIF-8



Typical SEM Image of ACS Material ZIF-8



Typical SEM Image of ACS Material ZIF-8



XRD Analysis of ACS Material ZIF-8

3. Application Fields

- 1) Methanol to Olefins (MTO)
- 2) Selective Catalytic Reduction of Nitrogen Oxides (SCR)
- 3) Catalyst

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