



## Technical Data Sheet

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

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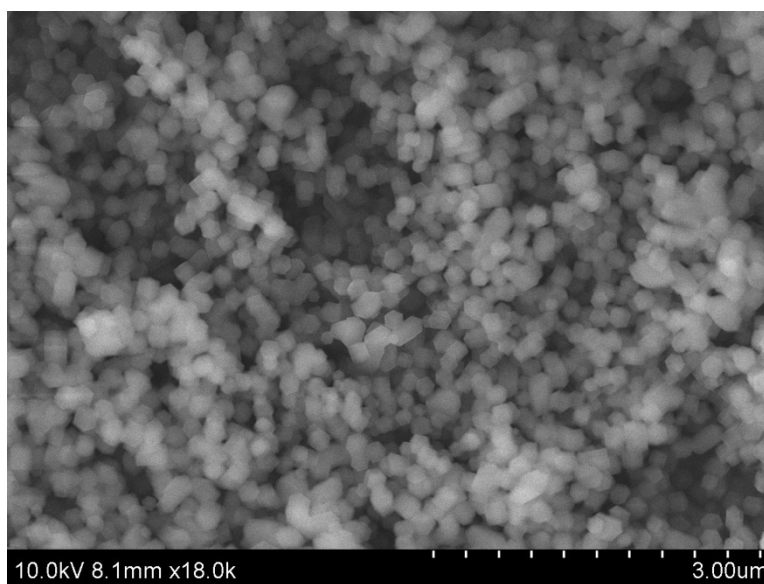
Revision: 031519

## 1. Preparation Method

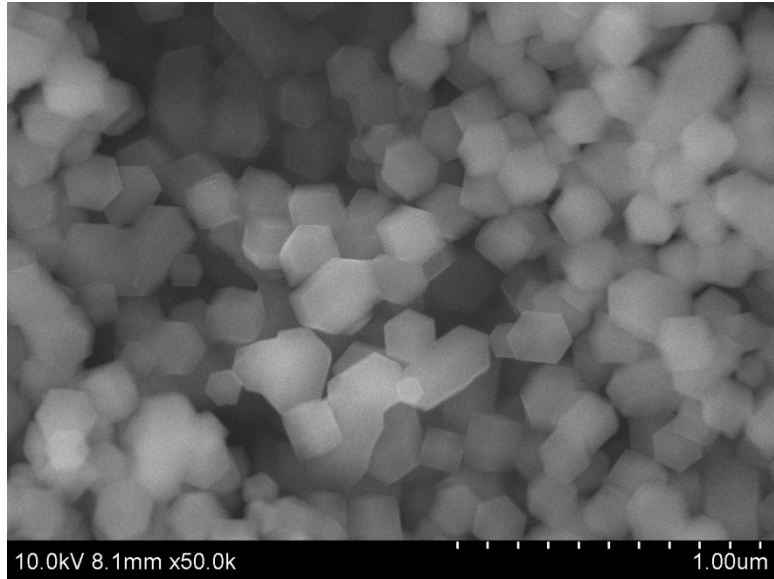
Solvent Thermal Method

## 2. Characterizations

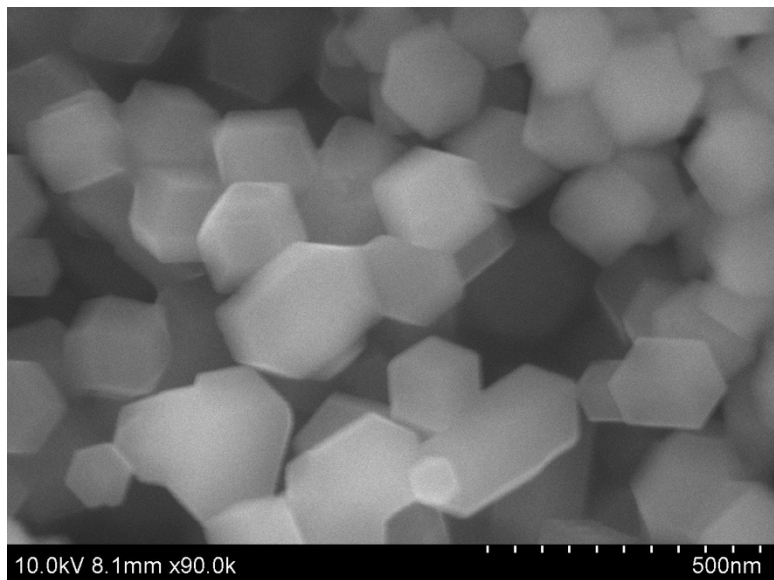
<b>Form:</b>	Metal Organic Frameworks (MOFs)
<b>Appearance:</b>	White Powder
<b>Particle size:</b>	150-500 nm
<b>BET surface area (m<sup>2</sup>/g):</b>	>1300 m <sup>2</sup> /g



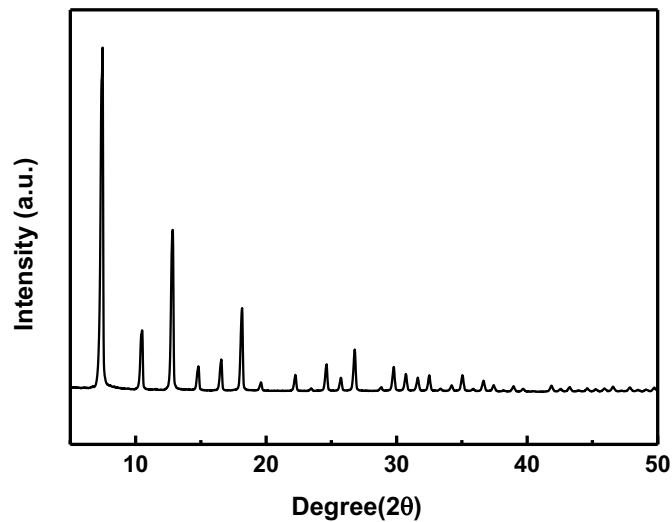
Typical SEM Image of ACS Material ZIF-8



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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