



## Technical Data Sheet

### ACS Material Ultrastable Y Zeolite

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## 1. Preparation Method

Hydrothermal Method

## 2. Characterizations

<b>Form:</b>	Powder
<b>SiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> Molar Ratio:</b>	>5
<b>Pore Diameter (nm):</b>	2.4
<b>SSA (m<sup>2</sup>/g):</b>	>630
<b>Lattice Collapse Temperature (°C):</b>	1030
<b>Na<sub>2</sub>O (%):</b>	<1.2
<b>SO<sub>4</sub><sup>2-</sup></b>	0.2 wt.%
<b>Particle Size Distribution D50:</b>	~6 μm
<b>Loss on Ignition:</b>	6 wt.%

## 3. Application Fields

- 1) Catalyst
- 2) Adsorbent

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