



Technical Data Sheet

ACS Material SAPO-34

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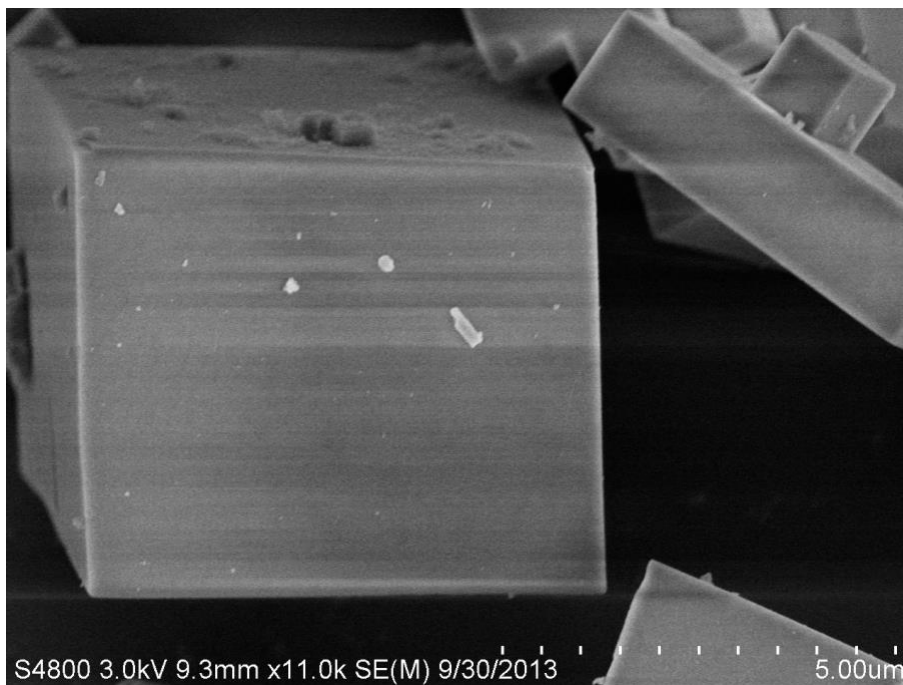
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Revision: 08012024

1. Preparation Method

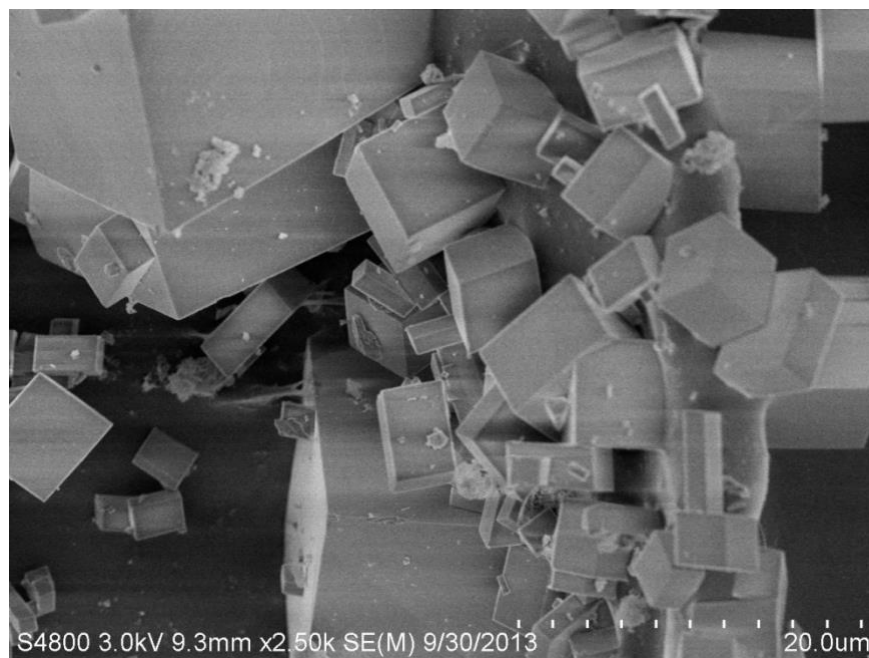
Solvothermal Method

2. Characterizations

	Type A	Type B
Appearance:	White Powder	Powder
Average Crystal Size (μm):	~2	N/A
D50 Particle Size (μm):	<5	0.8 – 2.3
Bulk Density (g/ml)	0.463	N/A
Tap Density (g/ml)	0.826	N/A
BET surface area (m^2/g):	≥ 550	~450
Pore Volume (cm^3/g):	≥ 0.27	N/A
SiO₂/Al₂O₃ Molar Ratio	~0.5	N/A
SiO₂ (wt%)	~10	~4-7
Al₂O₃ (wt%)	~42	~40-46
Na₂O(wt%)	≤ 0.1	N/A
Cation	H ⁺	N/A
Purity	>99	N/A



Typical SEM Image of ACS Material SAPO-34 (1), Type A



Typical SEM Image of ACS Material SAPO-34 (2), Type A

3. Application Fields

- 1) Catalyst
- 2) Adsorbent

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