



Technical Data Sheet

ACS Material SAPO-34

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Contact Information:

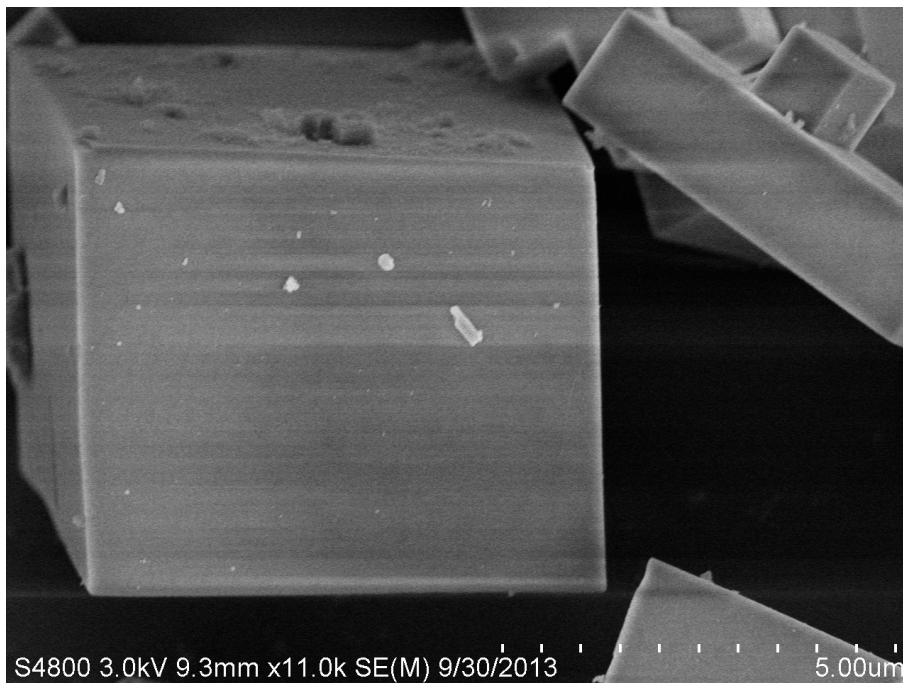
Manufacturer: ACS Material, LLC.
Address: 959 E Walnut St. Suite 100
Pasadena, CA 91106, USA
Phone: (866)-227-0656
Fax: (781)-518-0284
E-Mail: contact@acsmaterial.com
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1. Preparation Method

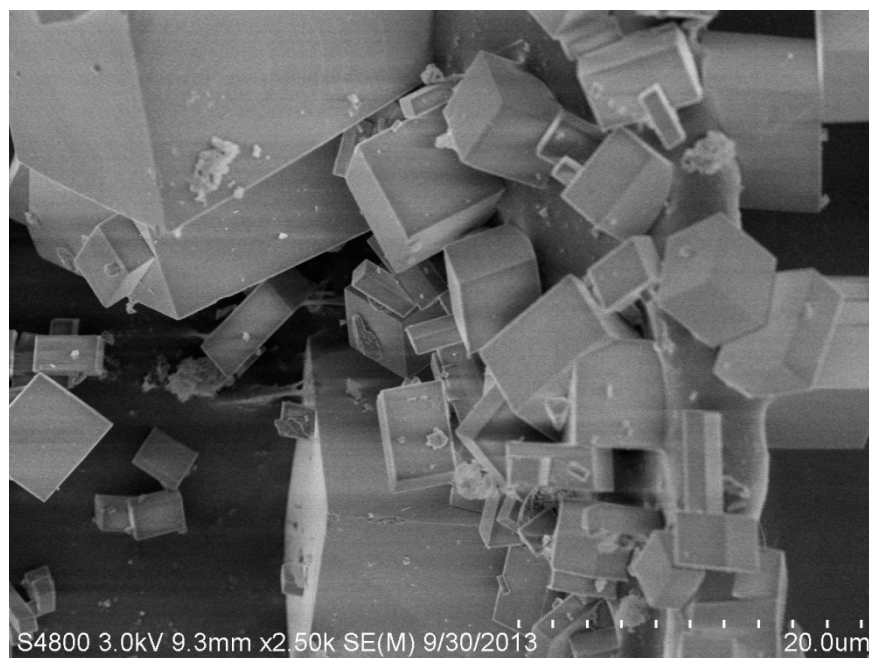
Solvothermal Method

2. Characterizations

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



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



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

3. Application Fields

- 1) Catalyst
- 2) Adsorbent

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