Technical Data Sheet

ACS Material Silver Nanoparticles

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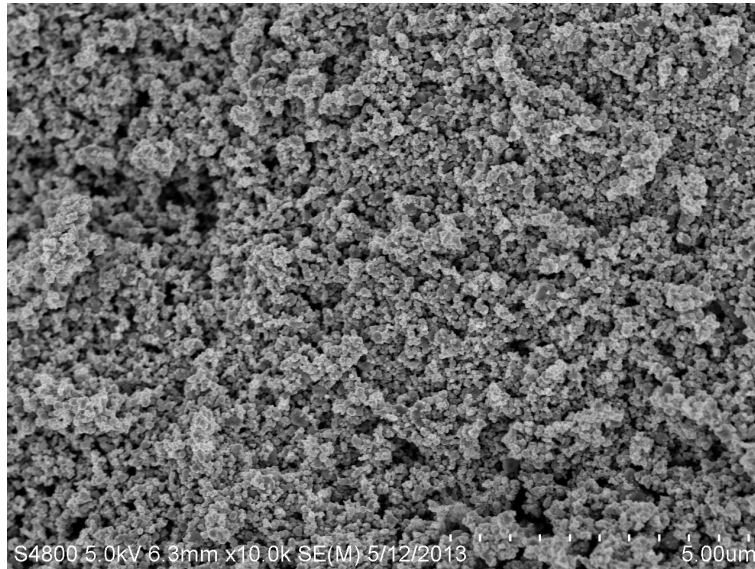Fax: (781)-518-0284

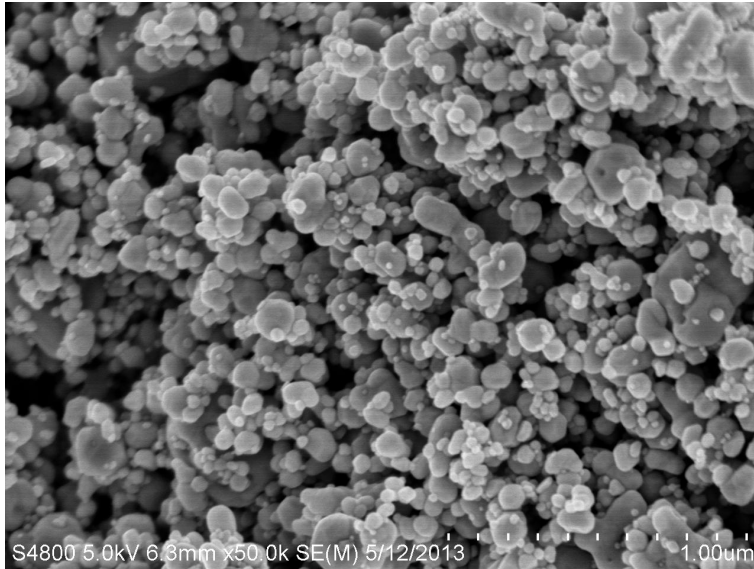E-Mail: contact@acsmaterial.com

Revision: 070217

1. Preparation Method

Physical Grinding Method

2. Characterizations

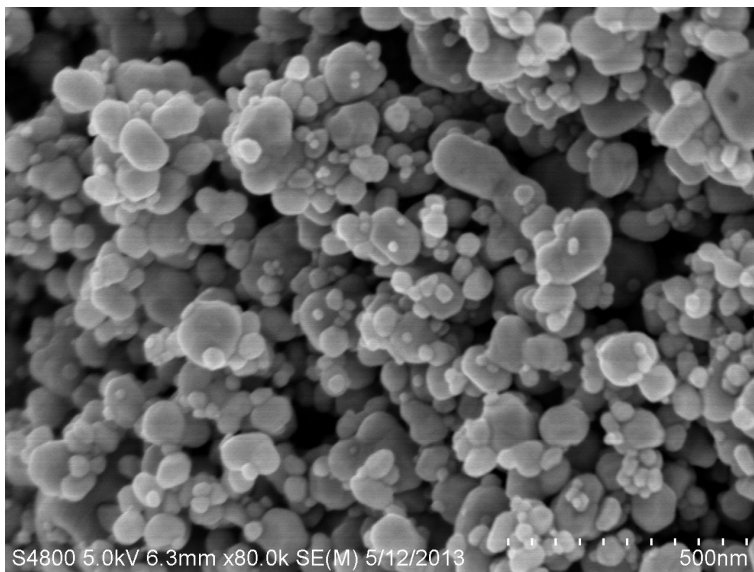|	
BET surface area (m^2/g):	≥3.0
Particle Size (nm):	20-100
Average Size (nm):	80
BET surface area (m^2/g):	≥3.0
Tap density (g/m^3):	≥2.5
Total impurity ions (ppm):	<150

Typical SEM Image of ACS Material Silver Nanoparticles (1)

Typical SEM Image of ACS Material Silver Nanoparticles (2)

Typical SEM Image of ACS Material Silver Nanoparticles (3)

3. Application Fields

1) Sensitive element electrode slurry

2) Conductive coating

3) Electroplating industry

4) Catalytic materials

5) Medical field

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