

## Specification Sheet

**Cu SiO<sub>2</sub> Core Shell Nanoparticles**

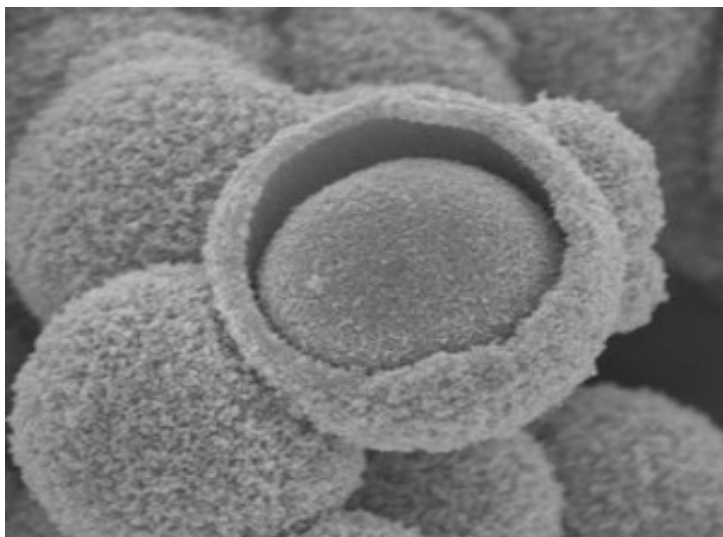
(Copper/Silica, 99.9%, Core: 80-100nm, Shell: 20-30nm)

Stock No: NS6130-12-000347, CAS: 7440-50-8 / 7631-86-9

<b>Product</b>	:	<b>Cu SiO<sub>2</sub> Core Shell Nanoparticles</b>
Stock No	:	NS6130-12-000347
CAS	:	7440-50-8 / 7631-86-9
Chemical Name	:	Cu/SiO <sub>2</sub>
Purity	:	99.9%
Core Diameter	:	80-100nm
Shell Thickness	:	20-30nm
Core	:	Copper (Cu)
Shell	:	Silicon Oxide (SiO <sub>2</sub> )
Form	:	Powder
Shape	:	Spherical
Storage Conditions	:	Stored in a cool and dry place, Away from the fire, Heat source
Stability	:	Water or Organic Solvents, depends on Surface modification
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time

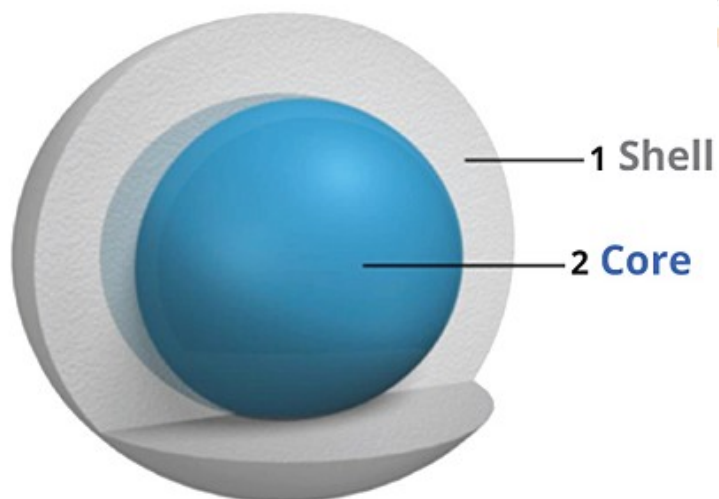
## Characterization of Cu SiO<sub>2</sub> Core Shell Nanoparticles



SEM - Cu SiO<sub>2</sub> Core Shell Nanoparticles



**NANOSHEL**  
Creating Miracles in Black



Copper Silica Core Shell Nanoparticles