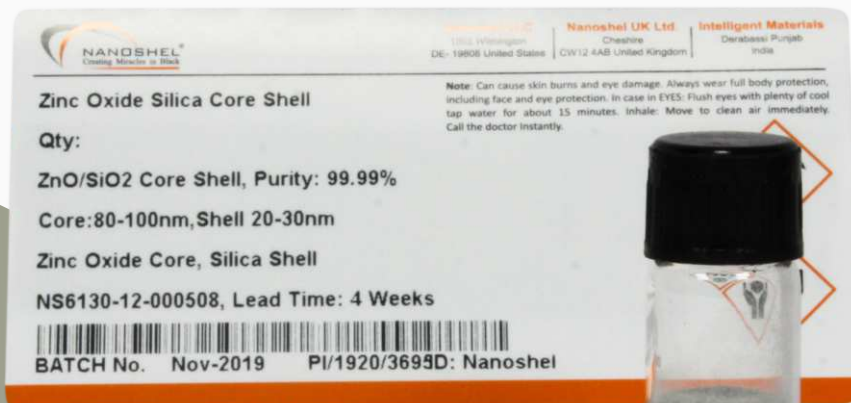


ZNO SiO₂ Core Shell 99.9% (Purity)



ZnO SiO₂ Core Shell nanoparticles have received tremendous interests in various applications compared to the bare zinc nanoparticles due to several important features such as exhibit higher surface area, the existence of a synergistic effect between the core and the shell, Major applications are in bioimaging, drug delivery, gene delivery, and sensors. The core-shell Nanostructure varies with different sizes and different shapes of core and shell thickness with different surface morphology. Core-shell nanoparticles are a class of nanostructure materials that have recently received increased attention owing to their interesting properties and broad range of applications in catalysis, biology, materials chemistry and sensors. Covering a thin surface layer on fine particles can alter their usefulness and properties, such as stability, dispersal ability and catalytic and optical properties

PROPERTIES

- ✓ Chemical tailor ability
- ✓ High thermal stability
- ✓ Large Surface Area

Stock no:
NS6130-12-000508

CHEMICAL IDENTIFIERS

Purity	:	99.9 %
Chemical name	:	(ZnO/SiO ₂)
Shape	:	Spherical
Form	:	Powder
Core	:	Zinc Oxide
Shell	:	Silica

Applications

- ✓ Antimicrobial
- ✓ Cell labeling
- ✓ Theranostics
- ✓ Catalysis technology
- ✓ Biological imaging



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20ZICE4589C



19ZAZGO1274G



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