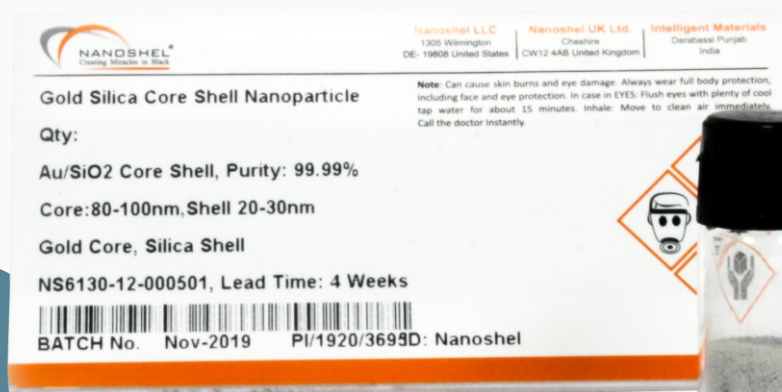


GOLD Silica CORE Shell

99.9%
(Purity)



Gold Silica Core Shell nanoparticles have received tremendous interests in various applications compared to the bare Gold 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 have many potential and exciting applications in the biomedical field. 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

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

Stock no:
NS6130-12-000501

CHEMICAL IDENTIFIERS

Purity	:	99.9 %
Chemical name	:	(Au/SiO ₂)
Shape	:	Spherical
Form	:	Powder
Core	:	Silica
Shell	:	Gold

Applications

- ✓ Catalysis technology
- ✓ Biosensors
- ✓ Biological imaging
- ✓ Cell labeling
- ✓ Tissue engineering
- ✓ Theranostics



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