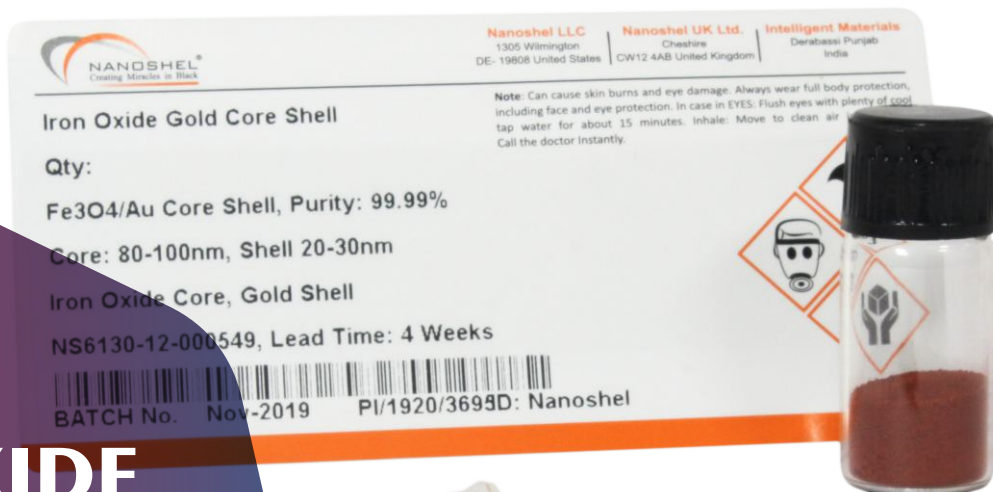


IRON OXIDE Gold CORE Shell

99.9%

(Purity)



Stock no:
NS6130-12-000549

Chemical Identifiers

Purity	:	99.9%
Chemical name	:	Fe ₃ O ₄ /Au
Core	:	Iron Oxide
Shell	:	Gold

Applications

Cell labeling
Biosensors
Tissue engineering
Theranostics
Biological imaging

Core Shell nanoparticles have received tremendous interests in various applications compared to the bare Fe₃O₄ 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. Iron Oxide Gold 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



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20ZICE4589C



19ZAZGO1274G



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