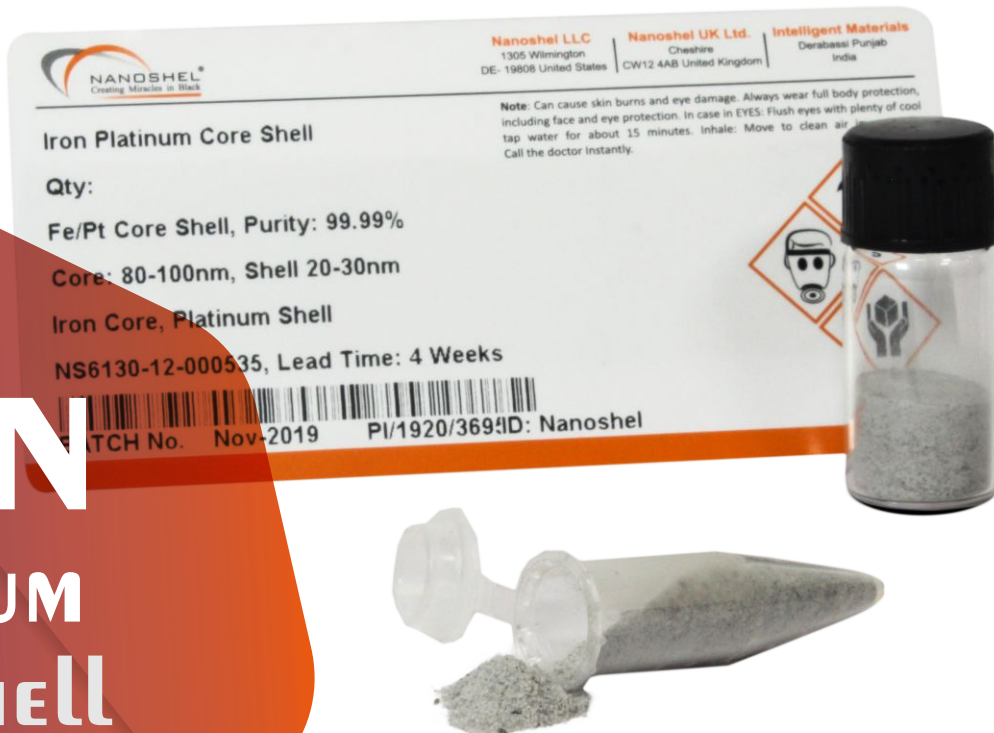


# IRON PLATINUM CORE SHELL

99.9%  
(Purity)



Core Shell nanoparticles have received tremendous interests in various applications compared to the bare iron 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 platinum 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.

Stock no:  
**NS6130-12-000535**

## CHEMICAL IDENTIFIERS

Purity	:	99.9%
Chemical name	:	Fe/Pt
Core	:	Iron
Shell	:	Platinum

## Applications

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



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