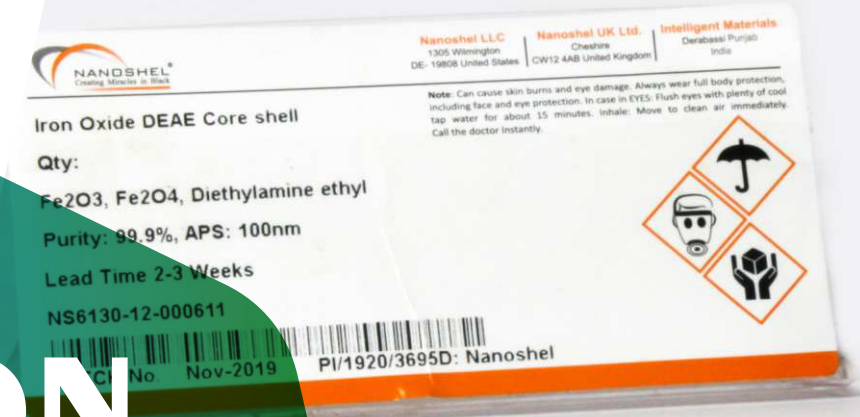


# IRON DEAE Core Shell

**99%**  
(Purity)



Note: Can cause skin burns and eye damage. Always wear full body protection, including face and eye protection. In case in EYES: Flush eyes with plenty of cool tap water for about 15 minutes. Inhale: Move to clean air immediately. Call the doctor instantly.



Core-shell type nanoparticles are a type of biphasic materials which have an inner core structure and an outer shell made of different components. The Iron DEAE core shell is composed of Iron core and DEAE shell. Since DEAE is distributed in the NP shell region, which exhibit unique magnetic responsivity, low cytotoxicity, and a chemically modifiable surface. The core-shell Nanostructure varies with different sizes and different shapes of core and shell thickness with different surface morphology.

Stock no:  
**NS6130-12-000611**

## CHEMICAL IDENTIFIERS

Purity	:	99 %
Chemical name	:	Fe/DEAE
Shape	:	Spherical
Form	:	Powder
Core	:	Iron
Shell	:	DEAE

## PROPERTIES

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

## Applications

- ✓ Photovoltaic cell
- ✓ Cell labeling
- ✓ Optical sensor
- ✓ Catalysis technology
- ✓ Biological imaging
- ✓ Antibacterial textiles
- ✓ Information storage



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