

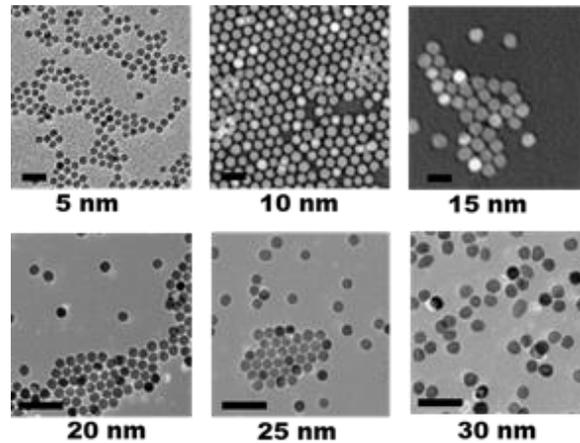
Magnetic Iron Oxide Nanoparticles in Chloroform

DESCRIPTION

Ocean NanoTech has embarked on recent developments in the preparation of iron oxide nanoparticles by thermal decomposition method. We have significantly improved the quality of traditional iron oxide nanoparticles in terms of size tunability, monodispersity and crystalline structure. Iron Oxide Nanoparticles in Chloroform have been coated with oleic acid for particle stability and the hydrophobic tail groups (hydrocarbon chains) of the oleic acid molecules line up to form a shell around the nanoparticles.

FEATURES

- Uniform size distribution
- High crystallization
- Soluble in chloroform, toluene, xylene, tetrahydrofuran, etc.
- Size offered: 5 nm, 10 nm, 15 nm, 20 nm, 25 nm and 30 nm



SPECIFICATION

- **Concentration:** 25 mg/mL
- **Solvent:** Chloroform
- **Surface group:** oleic acid

STORAGE

Store at 25 °C.

AVAILABLE PRODUCT

Catalog	Product Description	Size	Concentration	Unit size
SOR05-02	Iron Oxide Nanoparticles in Chloroform	10 nm	25 mg/mL	2 mL
SOR05-20	Iron Oxide Nanoparticles in Chloroform	10 nm	25 mg/mL	20 mL
SOR10-02	Iron Oxide Nanoparticles in Chloroform	10 nm	25 mg/mL	2 mL
SOR10-20	Iron Oxide Nanoparticles in Chloroform	10 nm	25 mg/mL	20 mL
SOR15-02	Iron Oxide Nanoparticles in Chloroform	15 nm	25 mg/mL	2 mL
SOR15-20	Iron Oxide Nanoparticles in Chloroform	15 nm	25 mg/mL	20 mL
SOR20-02	Iron Oxide Nanoparticles in Chloroform	20 nm	25 mg/mL	2 mL
SOR20-20	Iron Oxide Nanoparticles in Chloroform	20 nm	25 mg/mL	20 mL
SOR25-02	Iron Oxide Nanoparticles in Chloroform	25 nm	25 mg/mL	2 mL
SOR25-20	Iron Oxide Nanoparticles in Chloroform	25 nm	25 mg/mL	20 mL
SOR30-02	Iron Oxide Nanoparticles in Chloroform	30 nm	25 mg/mL	2 mL
SOR30-20	Iron Oxide Nanoparticles in Chloroform	30 nm	25 mg/mL	20 mL