

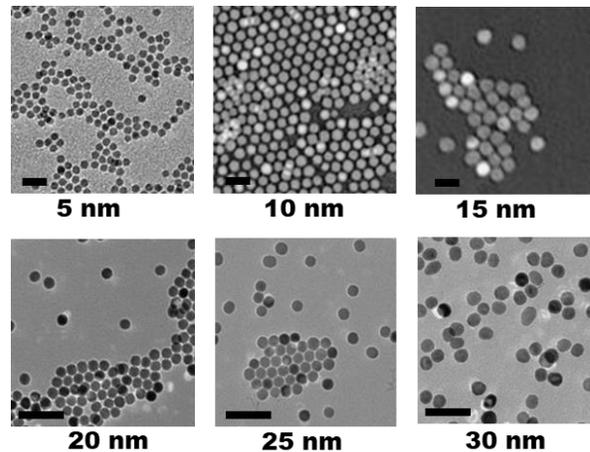
Iron Oxide Nanoparticles in Water

DESCRIPTION

Ocean NanoTech's Iron Oxide Nanoparticles in Water are superparamagnetic nanoparticles with excellent colloidal stability. They are prepared by thermodecomposition method and each nanoparticle is a single crystal with a structure either maghemite or magnetite. Using our proprietary monolayer polymer coating strategy, Ocean NanoTech has successfully converted hydrophobic, organic ligand-coated IO nanoparticles into water soluble iron oxide nanoparticles. These nanoparticles are made to be very stable against harsh working conditions.

FEATURES

- Narrow size distribution
- High colloidal stability
- Low non-specific binding
- Easy purification approaches developed
- Size offered: 5 nm, 10 nm, 15 nm, 20 nm, 25 nm and 30 nm



SPECIFICATION

- **Concentration:** 25 mg/mL
- **Storage buffer:** Water
- **Reaction group:** None

STORAGE & USAGE

Store at 2-8°C.

AVAILABLE PRODUCT

Catalog	Product Description	Size	Concentration	Unit size
SPA05-02	Iron Oxide Nanoparticles in Water	5 nm	5 mg/mL	2 mL
SPA05-10	Iron Oxide Nanoparticles in Water	5 nm	5 mg/mL	10 mL
SPA10-02	Iron Oxide Nanoparticles in Water	10 nm	5 mg/mL	2 mL
SPA10-10	Iron Oxide Nanoparticles in Water	10 nm	5 mg/mL	10 mL
SPA15-02	Iron Oxide Nanoparticles in Water	15 nm	5 mg/mL	2 mL
SPA15-10	Iron Oxide Nanoparticles in Water	15 nm	5 mg/mL	10 mL
SPA20-02	Iron Oxide Nanoparticles in Water	20 nm	5 mg/mL	2 mL
SPA20-10	Iron Oxide Nanoparticles in Water	20 nm	5 mg/mL	10 mL
SPA25-02	Iron Oxide Nanoparticles in Water	25 nm	5 mg/mL	2 mL
SPA25-10	Iron Oxide Nanoparticles in Water	25 nm	5 mg/mL	10 mL
SPA30-02	Iron Oxide Nanoparticles in Water	30 nm	5 mg/mL	2 mL
SPA30-10	Iron Oxide Nanoparticles in Water	30 nm	5 mg/mL	10 mL