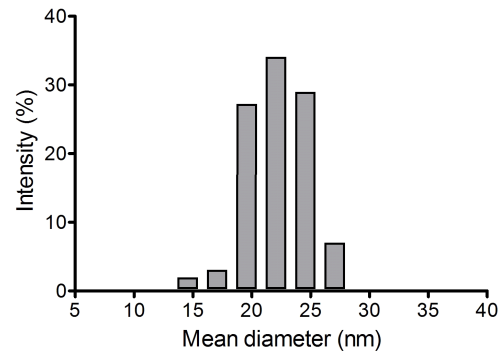


Product Number: 110

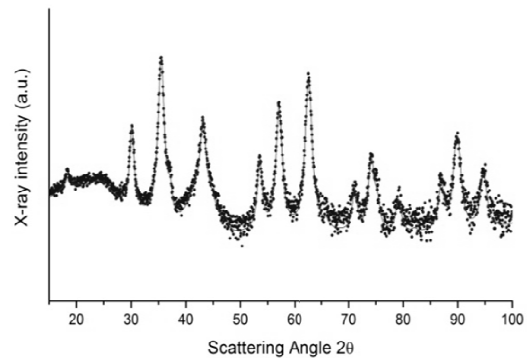


Description: Iron oxide nanoparticles (NP) can be supplied in aqueous or organic solution at different concentrations or in solid form upon request.



DLS Particle size distribution

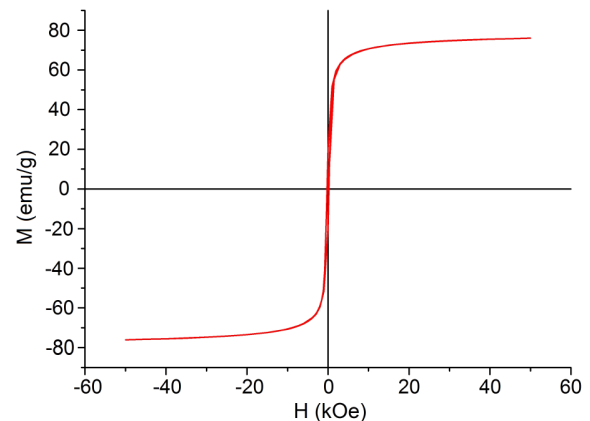
Application: Iron oxide NP can be used for coloring paints, antirust and anticorrosion materials, rubber, plastics, construction, ultraviolet resistant materials, microwave absorbing and Li-ion battery materials; can be used as magnetic resonance imaging contrast agents, gene and target specific drug carriers, therapeutic agents for hyperthermia treatment, probing agents for diagnostics.



XRD analysis

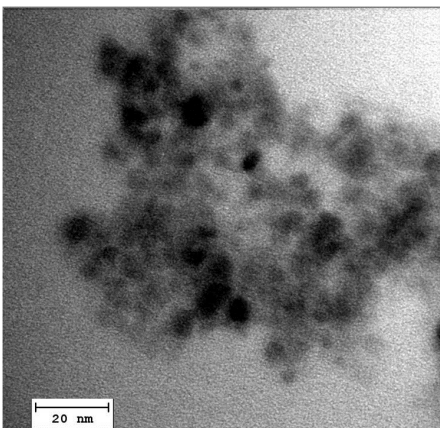
Properties:

	Powder	Suspension
Color	Black	Black/brown liquid
Morphology	spherical	spherical
Structure	magnetite	magnetite
pH		6 – 7
Particle Size	10 nm	10 nm



Magnetization curve

Quality Control of iron oxide nanoparticles:



TEM analysis

Caution: Store suspensions between 2-10 °C; do not freeze and protect from light and air.