

Iron Oxide Fe₃O₄ Nanopowder / Nanoparticles (Fe₃O₄, 98+%, 20-30 nm)

Nanopowder (Fe₃O₄) Purity: 99%
Nanopowder (Fe₃O₄) APS: 20 - 30 nm
Nanopowder (Fe₃O₄) SSA: 40-60m²/g
Nanopowder (Fe₃O₄) Color: Dark Brown
Nanopowder (Fe₃O₄) Morphology: spherical
Nanopowder (Fe₃O₄) Bulk Density: 0.84 g/cm³
Nanopowder (Fe₃O₄) True Density: 4.8-5.1 g/cm³

Iron Oxide Nanoparticles (Fe ₃ O ₄) Certificate of Analysis--%				
Ca	Cr	K	Mn	SiO ₂
<0.0229	<0.0016	<0.0012	<0.0860	<0.1420

Iron Oxide Nanoparticles (Fe₃O₄) Applications:

Color imaging; Detoxification of biological fluids; Electromagnetic-wave absorption; Ferrofluids; Magnetic detectors; Electromagnetorheological fluids; High-density magnetic recording; Magnetic cell separation; Magnetic coatings; Magnetic refrigeration; Magnetic resonance imaging contrast enhancement; Magnetically controlled transport of anti-cancer drugs; Magneto-optical devices; Semiconductors; Toners for copiers and laser printers; Microwave devices; Removal of actinides from waste water...



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