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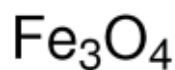
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Product Specification

Product Name:

Iron oxide(II,III), magnetic nanoparticles solution – 30 nm diameter, PEG functionalized, 1 mg/mL Fe, dispersion in H₂O

Product Number: 747408



Formula: Fe₃O₄
Formula Weight: 231.53 g/mol
Storage Temperature: 2 - 8 °C

TEST**Specification**

Appearance (Color)	Brown to Dark Brown
Appearance (Form)	Liquid
Concentration 1 mg/ml	Conforms
Composition Surface Group: PEG	Confirmed
Particle Size 28-32 nm (TEM)	Conforms
Product of Supplier OCEAN NANOTECH LLC	Confirmed
Recommended Retest Period 24 Months	-----
Note Minimal precipitation will not affect the function of the material.	Confirmed

Specification: PRD.3.ZQ5.10000047278

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.