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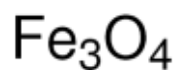
Product Specification

Product Name:

Iron oxide(II,III), magnetic nanoparticles solution - 10 nm diameter, PEG functionalized, 1 mg/mL Fe, dispersion in H₂O

Product Number:

747319



Formula Weight:

231.53 g/mol

Storage Temperature:

2 - 8 °C

TEST	Specification
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Appearance (Color)

Brown to Dark Brown

Appearance (Form)

Liquid

Concentration

Conforms

1 mg/ml

Composition

Confirmed

Surface Group: PEG

Particle Size

Conforms

9-11 nm (TEM)

Product of Supplier

Confirmed

OCEAN NANOTECH LLC

Recommended Retest Period

24 Months

Note

Minimal precipitation will not affect the function of the material.

Specification: PRD.2.ZQ5.10000047279

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.