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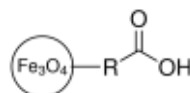
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Product Specification

Product Name:

Iron oxide (II,III) magnetic nanoparticles solution - 5 nm avg. part. size (TEM), carboxylic acid functionalized, 5 mg/mL Fe in H₂O, dispersion

Product Number: 797146



Storage Temperature: 2 - 8 °C

TEST

Specification

Appearance (Color)	Brown to Dark Brown
Appearance (Form)	Liquid
ICP Major Analysis	Confirmed
Confirms Iron Component	
Concentration	Conforms
5 mg/mL	
Composition	Confirmed
Surface Group: Carboxylic Acid	
Particle Size	Conforms
4-6 nm (TEM)	
Note	Note
Minimal precipitation will not affect the function of the material.	
Product of Supplier	Confirmed
Ocean NanoTech, LLC	
Recommended Retest Period	-----
2 Years	

Specification: PRD.1.ZQ5.10000068264

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.