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Product Specification

Product Name:

Iron oxide (II,III), nanoparticles – 10 nm avg. part. size (TEM), rhodamine B functionalized, 1 mg/mL in H₂O

Product Number:

900146

TEST	Specification
Appearance (Clarity) Absence of Precipitation	Confirmed
Appearance (Color)	Brown-Red
Appearance (Form)	Liquid
ICP Major Analysis Confirms Iron Component	Confirmed
Surface Functional Group Rhodamine B	Confirmed
Solvent DI H ₂ O	Confirmed
Size 10nm + /- 2.5nm (TEM)	Confirmed
Concentration 1 mg/mL	Confirmed
Product of Supplier Ocean Nanotech, LLC	Confirmed
Recommended Retest Period 1 Year	-----

Specification: PRD.0.ZQ5.10000101426

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.