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## Product Specification

Product Name:

Iron oxide(II,III) magnetic nanopowder - 10 nm avg. part. size (TEM), NHS ester functionalized

Product Number:

747459

Formula:

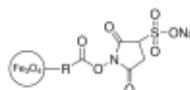
Fe<sub>3</sub>O<sub>4</sub>

Formula Weight:

231.53 g/mol

Storage Temperature:

-20 °C



TEST	Specification
Appearance (Color)	Light Brown to Dark Brown
Appearance (Form)	Powder
ICP Major Analysis	Confirmed
Confirms Iron Component	
Composition	Confirmed
Surface Group: N-succinimidyl ester	
Particle Size	Conforms
7.5 - 12.5nm (TEM)	
Product of Supplier	Confirmed
OCEAN NANOTECH LLC	
Recommended Retest Period	-----
9 Months	

Specification: PRD.3.ZQ5.10000047072

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](http://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.

