

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

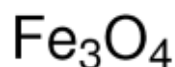
## Product Specification

Product Name:

Iron oxide(II,III), magnetic nanoparticles solution – 30 nm diameter, amine functionalized, 1 mg/mL Fe, dispersion in H<sub>2</sub>O

Product Number:

747327



Formula Weight:

231.53 g/mol

Storage Temperature:

2 - 8 °C

TEST	Specification
------	---------------

Appearance (Color)	Brown to Dark Brown
Appearance (Form)	Liquid
Concentration	Conforms
1 mg/ml	
Composition	Confirmed
Surface Group: Amine	
Particle Size	Conforms
28-32 (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.ZQ5.10000045236

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.