

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)

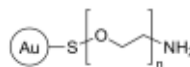
## Product Specification

Product Name:

Gold nanoparticles – 50 nm diameter, amine functionalized, PEG 3000 coated, OD 50, dispersion in H<sub>2</sub>O

Product Number:

765406



Storage Temperature:

2 - 8 °C

**TEST****Specification**

Appearance (Color)	Red to Very Dark Red
Appearance (Form)	Liquid
Precipitate Present	None Present
Agglomeration/Precipitate	
Identity	Confirmed
Gold Nanoparticles, Amine Functionalized, PEG 3000 Coated	
Dispersion in Water	Confirmed
Concentration	Conforms
(OD) = 50	
Core Size	48 - 52 nm
(Diameter)	
Recommended Retest Period	-----
12 Months	

Specification: PRD.0.ZQ5.10000090388

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.