

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.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, 10 NM DIAMETER, BIO&

Product Number: **808709**

TEST	Specification
Appearance (Color)	Red to Very Dark Red
Appearance (Form)	Liquid
ICP Major Analysis	Confirmed
Confirms Gold Component	
Identity	Confirmed
Gold Nanoparticles, 10 nm diameter, Biotin terminated, PEG 5000, OD 50, dispersion in H <sub>2</sub> O	
Core Size	8 - 12 nm
Concentration	Confirmed
(OD): ~50	
Polydispersity Index (PDI)	
Specification: Report Only	
Diameter	
Hydrodynamic	
Specification: Report Only	
Particles/ml	Confirmed
~3.0E+14	
Absorption Max	
Specification: Report Only	
Product of Supplier	Confirmed
CytoDiagnostics, Inc	
Expiration Date Period	-----
1 Year	

Specification: PRD.0.ZQ5.10000073794

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.