

Certificate of Analysis

Product Name:

GOLD NANOPARTICLES, 100 NM DIAMETER, BI&

Product Number: 808962
Batch Number: MKBX0717
 Brand: ALDRICH
 Storage Temperature: Store at 2 - 8 °C
 Quality Release Date: 22 DEC 2015
 Expiration Date: DEC 2016

Test	Specification	Result
Appearance (Color)	Red to Very Dark Red	Very Dark Red
Appearance (Form)	Liquid	Liquid
ICP Major Analysis	Confirmed	Confirmed
Confirms Gold Component		
Identity	Confirmed	Confirmed
Gold Nanoparticles, 100 nm diameter, Biotin Terminated, PEG 5000 Coated		
Core Size		100 nm
Specification: Report Only		
Concentration	Confirmed	Confirmed
(OD): 50		
Polydispersity Index (PDI)		0.07
Specification: Report Only		
Diameter		140 nm
Hydrodynamic		
Specification: Report Only		
Particles/ml	Confirmed	Confirmed
~1.92E+11		
Absorption Max		574 nm
Specification: Report Only		
Product of Supplier	Confirmed	Confirmed
CytoDiagnostics, Inc		
Expiration Date Period	-----	-----
1 Year		

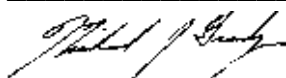
Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser 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.

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Michael Grady, Manager
Quality Control
Milwaukee, WI US

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