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Product Specification

Product Name:

Gold nanoparticles - 40 nm diameter, OD 1, suspension in 0.1 mM PBS, reactant free

Product Number:

753637

Formula:

Au

Formula Weight:

196.97 g/mol

Storage Temperature:

2 - 8 °C

Au

TEST

Specification

Appearance (Form)	Liquid or Suspension
ICP Major Analysis	Confirmed
Confirms Au Component	
Absorption Max	526 - 531 nm
Polydispersity Index (PDI)	≤ 0.2
Core Size	37 - 43 nm
Mean Hydrodynamic Diameter (Z)	43 - 51 nm
Particles/ml	Confirmed
6.44E+ 10-7.87E+ 10	
Concentration	Confirmed
(OD): 1	
Buffer	Confirmed
Stabilized suspension in 0.1 mM phosphate buffered saline	
Product of Supplier	Confirmed
CytoDiagnostics, Inc	

Specification: PRD.3.ZQ5.10000033647

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.

