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Product Specification

Product Name:

Gold nanoparticles - 300 nm diameter, stabilized suspension in citrate buffer

Product Number:

742082

Formula:

Au

Formula Weight:

196.97 g/mol

Storage Temperature:

2 - 8 °C

Au

TEST	Specification
Appearance (Form)	Suspension
ICP Major Analysis	Confirmed
Confirms Au Component	
Solubility	Confirmed
Particles Resuspend on Agitation	
Polydispersity Index (PDI)	≤ 0.2
Core Size	280 - 320 nm
Mean Hydrodynamic Diameter (Z)	230 - 330 nm
Particles/ml	Confirmed
4.00E+ 8-5.00E+ 8	
Buffer	Confirmed
Stabilized suspension in citrate buffer	
Product of Supplier	Confirmed
CytoDiagnostics, Inc	

Specification: PRD.1.ZQ5.10000035239

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.

