

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Gold nanoparticles**
Specifications & Purity: 10 nm diameter, OD 1, stabilized suspension in 0.1 mM PBS, reactant free
SKU #: **G486016**

Parameter	Limit Values
Appearance(G486016)	Suspension
X-Ray Diffraction	Conforms to Structure
Core Size	8-12 (nm)
Polydispersity Index(PDI)	0-0.2
Concentration(OD)(1)	Confirmed
Hydrodynamic Diameter	11-25 (nm)
Particles/ml 5.38E+12 - 6.58E+12	Confirmed
Absorption Maximum	510-525 (nm)
Buffer(Stabilized suspension in 0.1 mM phosphate buffered saline)	Confirmed