

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Gold nanoparticles**
Specifications & Purity: 5nm diameter, OD 1, stabilized suspension in 0.1 mM PBS, reactant free
SKU #: **G486088**

Parameter	Limit Values
Appearance(G486088)	Suspension
Polydispersity Index(PDI)	0-0.2
Core Size	3-7 (nm)
Hydrodynamic Diameter	7-15 (nm)
Particles/ml(4.92E+13 - 6.01E+13)	Confirmed
Absorption Maximum	510-525 (nm)
Concentration (OD=1)	Confirmed
Buffer (Stabilized suspension in 0.1 mM phosphate buffered saline)	Confirmed