

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-11 09:32:47

Date of Next Testing: 2026-12-08 09:32:47

Product Name: **Gold nanoparticles**

CAS Number:

Specifications & Purity: ~1.9E+10 particles/mL

Lot #: C2602147

SKU #: **G486103**

Version: **1**

Analysis #: **719631**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Absorption Maximum	536-541 (nm)	536.00000 nm
Polydispersity Index (PDI)	≤0.2 (%)	0.04500 %
Core Size	57-63 (nm)	59.00000 nm
Appearance(G486103)	Liquid or Suspension	Liquid or Suspension
ICP:Confirms Gold Component	Confirmed	Confirmed
Particles/ml(1.86E+10~2.06E+10)	Confirmed	Confirmed
Concentration ((OD): 1)	Confirmed	Confirmed
Stabilized suspension in citrate buffer	Confirmed	Confirmed



John Su
QA & QC Manager