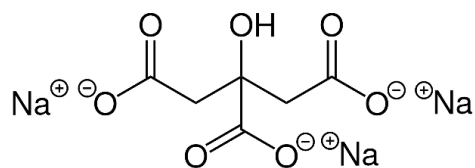




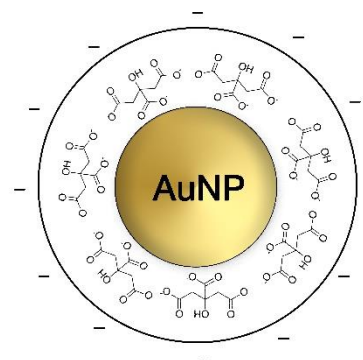
NANOBRAND

10 nm Gold nanospheres, citrate-coated

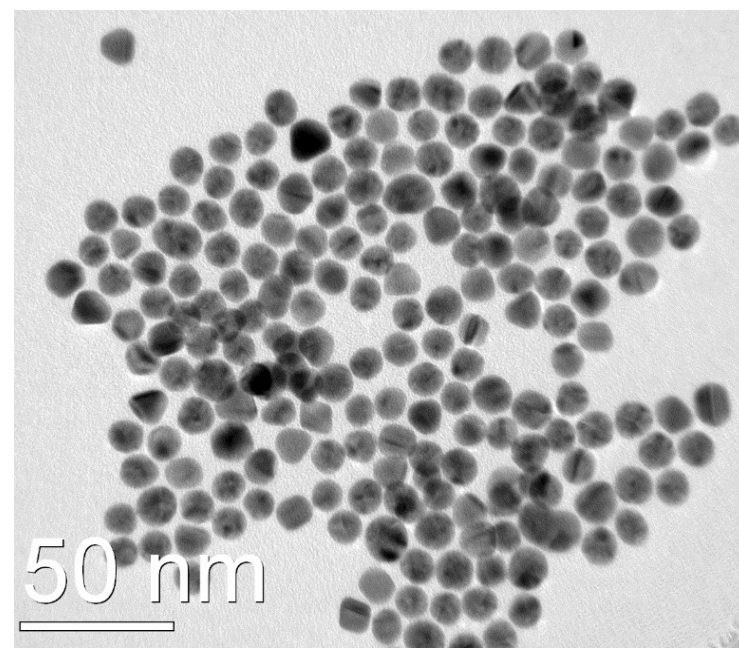
**Sodium Citrate
CAS 68-04-2**



**Gold nanoparticles coated
with citrate**



Diameter (TEM):	11.49 ± 1.51nm
Coefficient of polydispersity:	13.1%
Mass of single particle:	1.53E-14 mg
Surface of single particle:	4.15E-12 cm**3
Particle concentration:	3.18E+12 particles/mL
Molar particles concentration:	5.3 nM
Mass of gold:	48.71 µg/ml
Surface area (TEM):	27.06 m ² /g
Particles surface charge:	negative
Gold purity:	99.99 %
pH of the solution:	7.0
Particle surface:	Sodium Citrate
Solvent:	Milli-Q water (18.1 MΩ-cm)



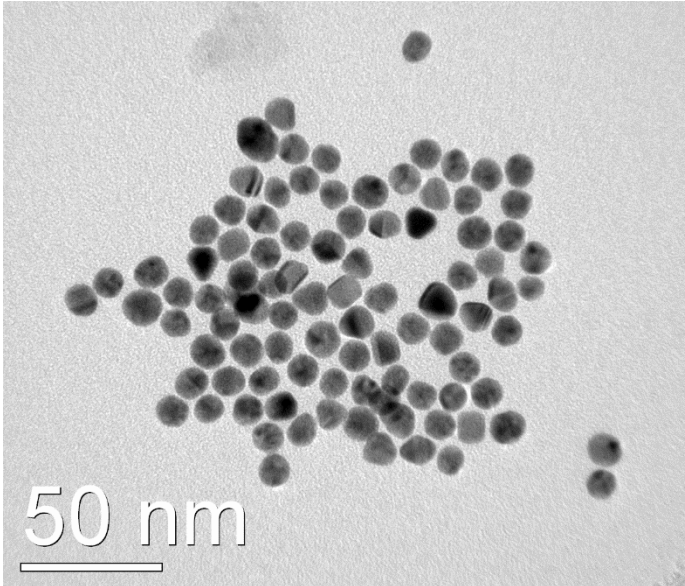
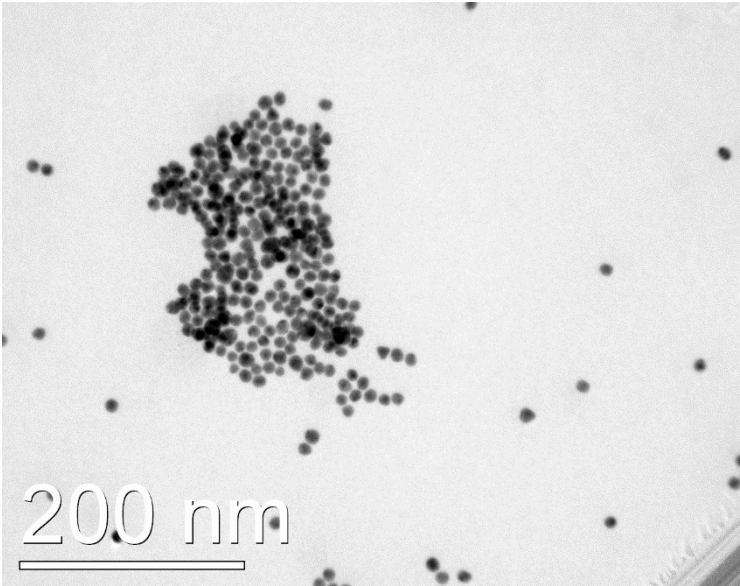
Instrumentation used for characterization

Diameter and size distribution:	Transmission Electron Microscope JEOL JEM 2100F
Mass concentration:	PerkinElmer NexION 2000P+ ICP-MS
Spectral properties:	Thermo Scientific Evolution 220 UV-Visible Spectrophotometer
Hydrodynamic Diameter and Zeta Potential:	Wyatt Mobius Zetasizer

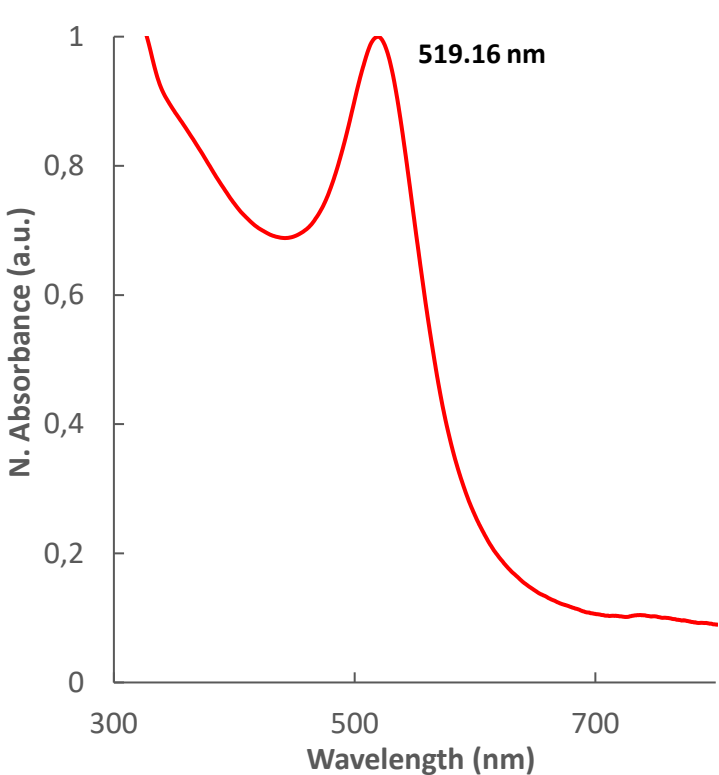
Store at 4-25°C away from light. DO NOT FREEZE



10 nm Gold nanospheres, citrate-coated



Optical Properties



Size Distribution

