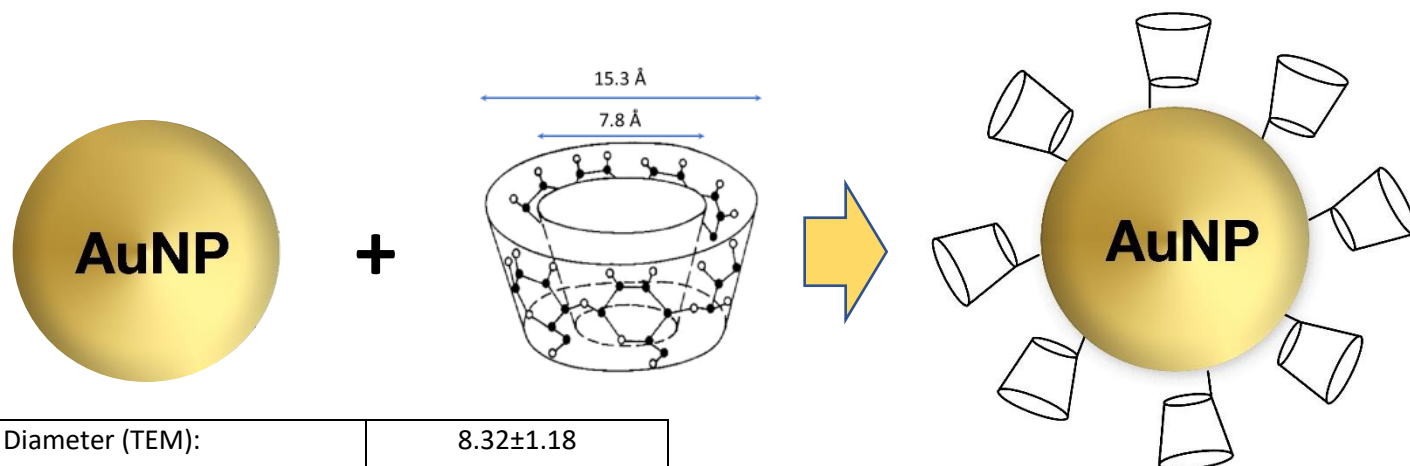


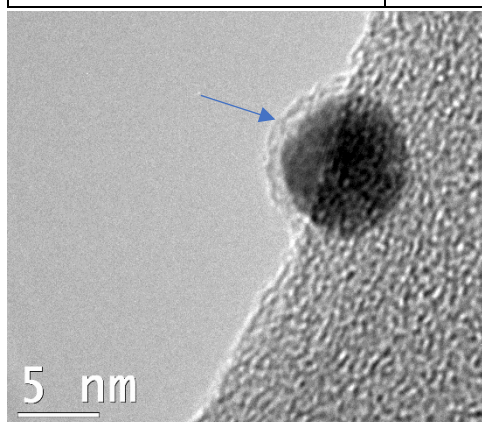
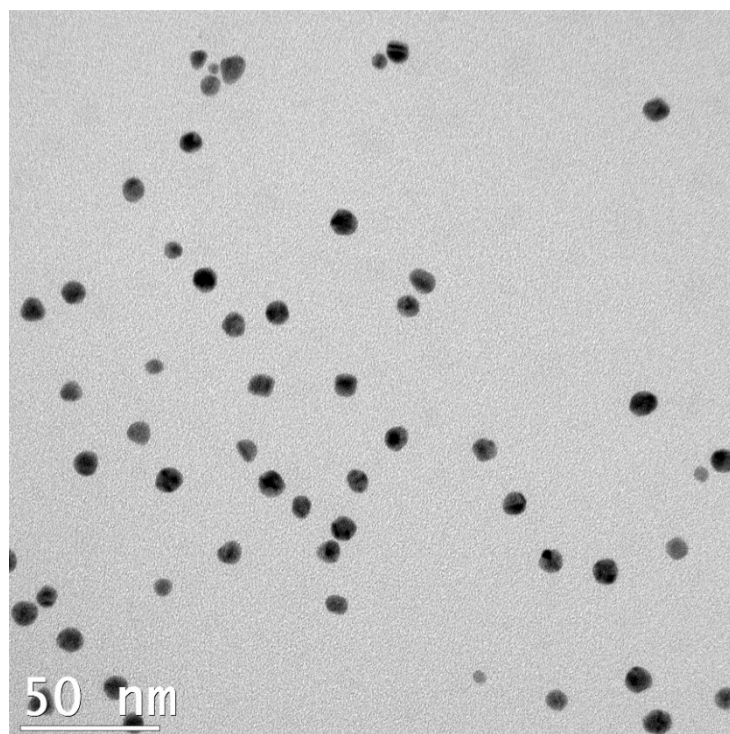


NANOBRAND

Beta-Cyclodextrin (β -CD) conjugated Gold nanospheres



Diameter (TEM):	8.32±1.18
Coefficient of polydispersity:	14.1%
Particle concentration:	1.03E+13 particles/ml
Surface area (TEM):	37.37 m ² /g
Concentration of gold:	0.06 mg/mL
Gold purity:	99.99 %
pH of the solution:	8.0
Particle surface:	β -Cyclodextrin
Solvent:	Milli-Q Water



Particle surface coating of approx. 1nm

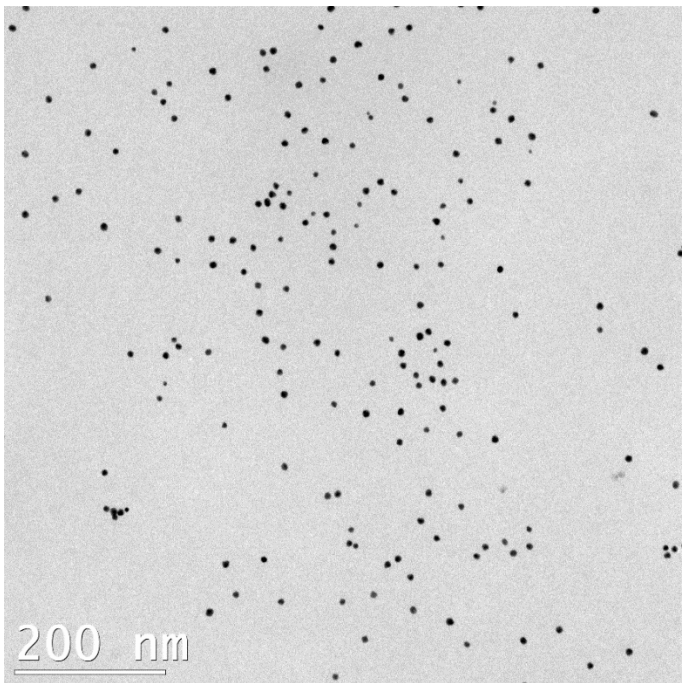
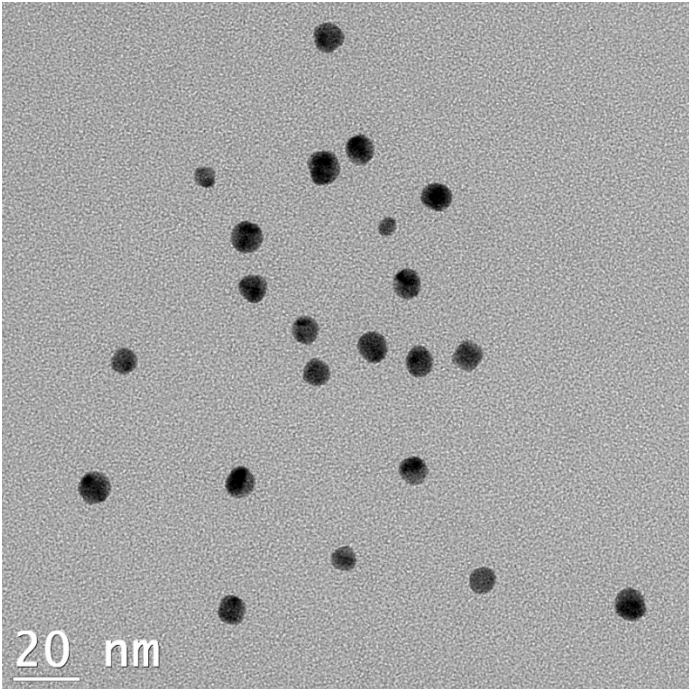
Instrumentation used for characterization

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

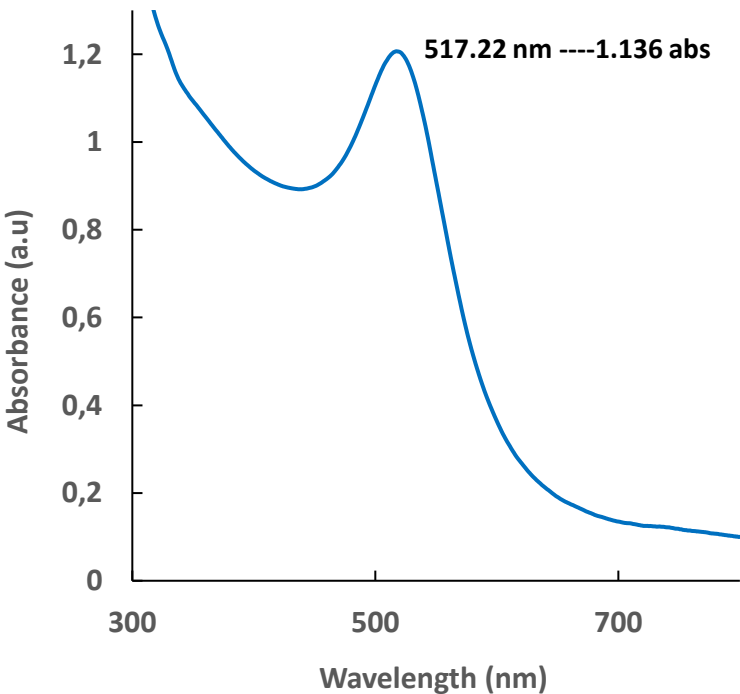


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Beta-Cyclodextrin (β -CD) conjugated Gold nanospheres



Optical Properties



Size Distribution

