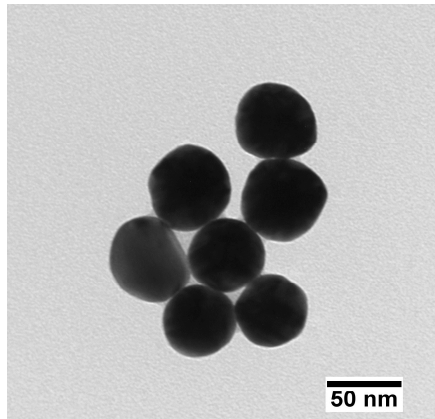
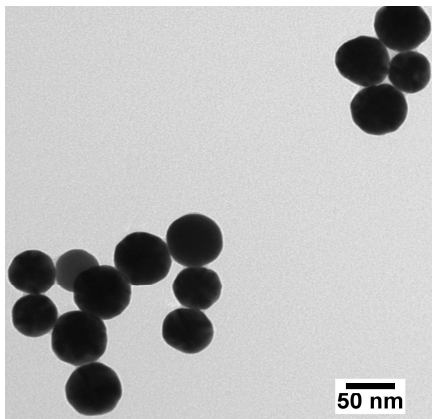
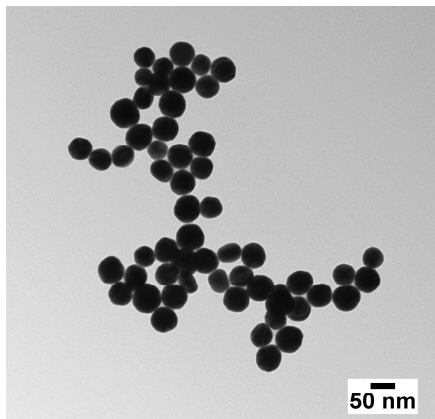


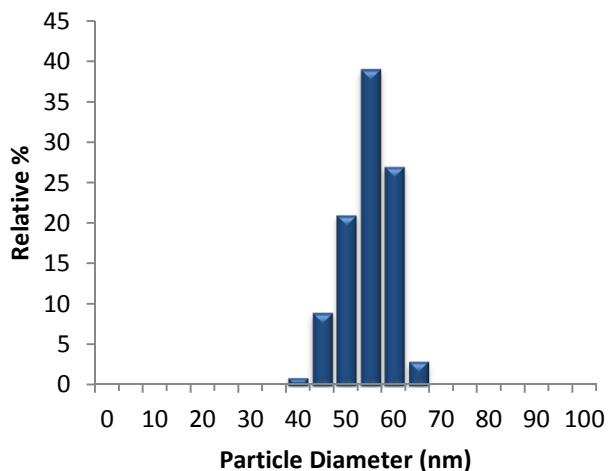
50 nm Gold Nanospheres, Citrate, NanoXact™

Lot Number: JRC0010

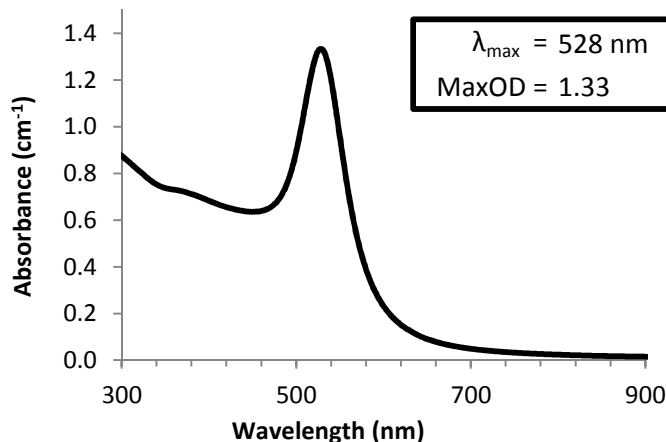
| | | | |
|----------------------------------|-----------------------|-------------------------------|---------------------|
| Diameter (TEM): | 52 ± 5 nm | Hydrodynamic Diameter: | 62 nm |
| Coefficient of Variation: | 10.2 % | Zeta Potential: | -58 mV |
| Surface Area (TEM): | 5.9 m ² /g | pH of Solution: | 7.8 |
| Mass Concentration (Au): | 0.053 mg/mL | Gold Purity: | 99.99 % |
| Particle Concentration: | 3.7E+10 particles/mL | Particle Surface: | Sodium Citrate |
| | | Solvent: | Aqueous 2mM Citrate |



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Thermo Fisher X Series 2 ICP-MS

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

Storage: 2-8 °C. DO NOT FREEZE.