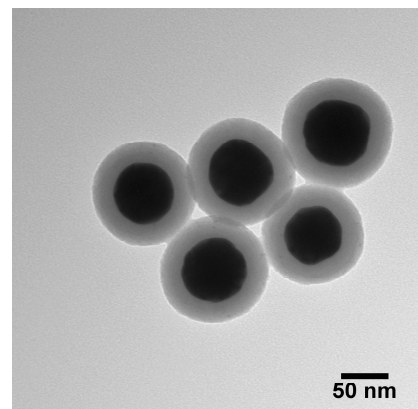
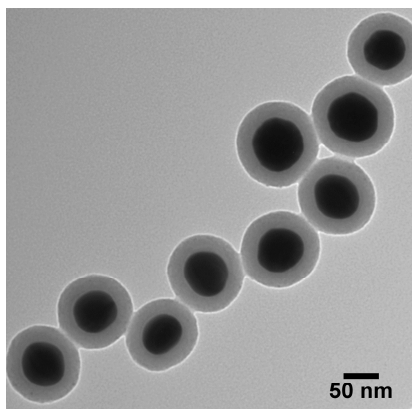
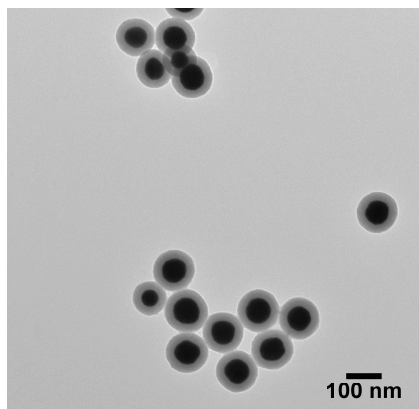


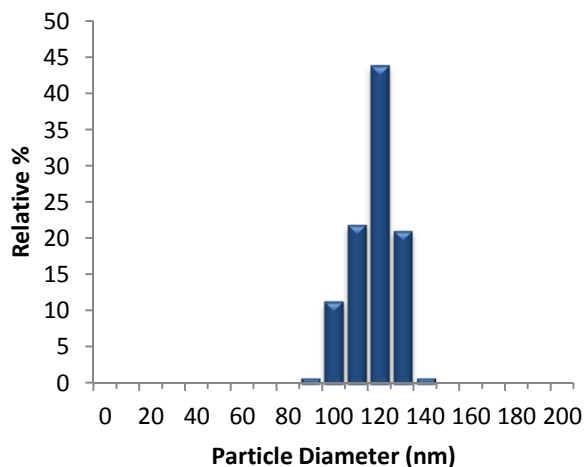
Aminated Silica Shelled 70 nm NanoXact™ Gold

Lot Number: SCM0107

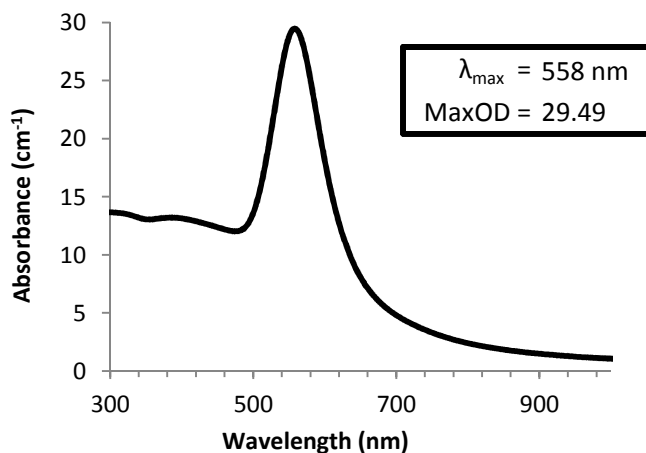
Total Diameter (TEM):	113 ± 9 nm	Mass Concentration (Au):	1.01 mg/mL
Coefficient of Variation:	7.9 %	Hydrodynamic Diameter:	160 nm
Core Diameter (TEM):	67 ± 9 nm	Zeta Potential:	40 mV
Shell Thickness (TEM):	23 nm	Zeta pH:	5.9
Surface Area (Calc'd):	9.1 m ² /g	Zeta Solvent:	Milli-Q H2O
Particle Concentration:	3.3E+11 particles/mL	Particle Surface:	Aminated
		Solvent:	Ethanol



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.

Shake vigorously before use. Bath sonicate if needed. Storage: 2-8 °C. DO NOT FREEZE.