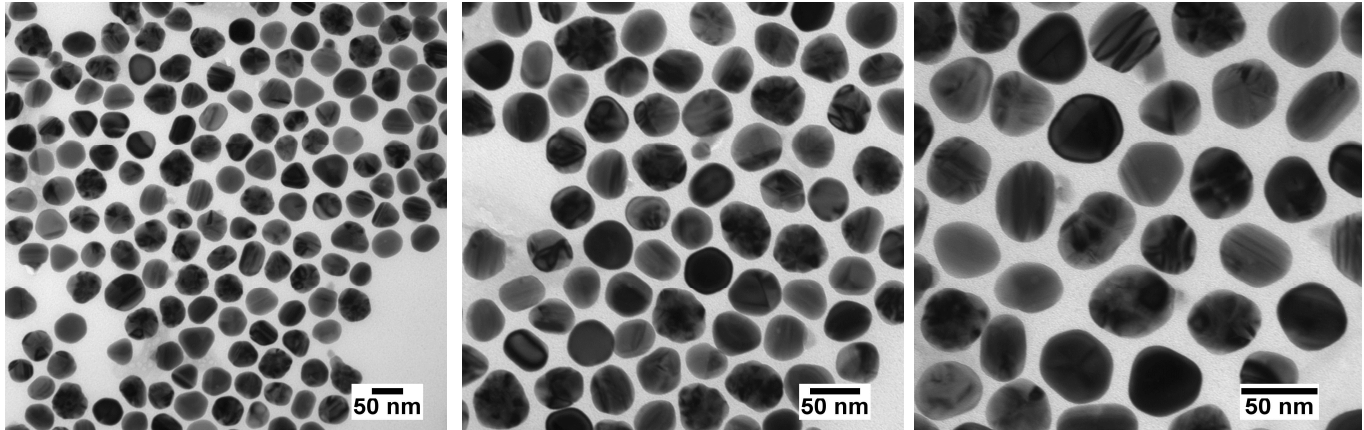


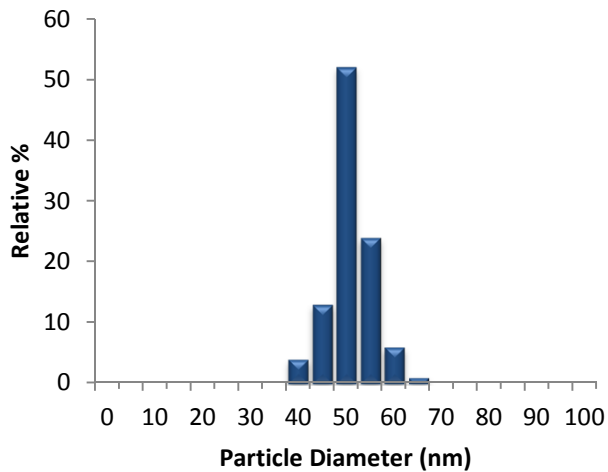
50 nm Silver Nanospheres, PEG, BioPure™

Lot Number: HKE0068

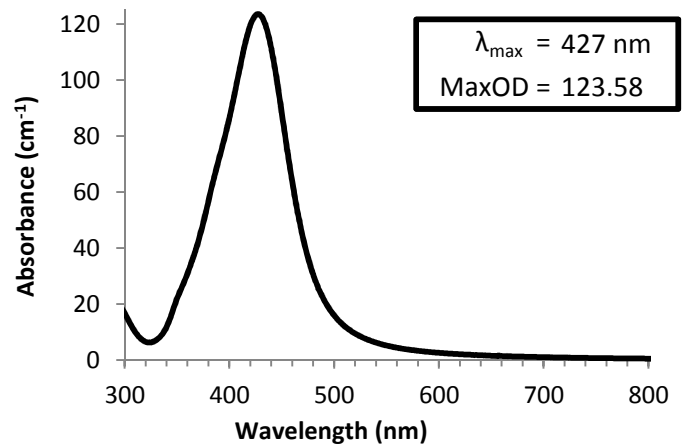
Diameter (TEM):	49 ± 4 nm	Hydrodynamic Diameter:	70 nm
Coefficient of Variation:	9.2 %	Zeta Potential:	-23 mV
Surface Area (TEM):	11.6 m ² /g	pH of Solution:	6.6
Mass Concentration (Ag):	1.02 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	1.6E+12 particles/mL	Particle Surface:	mPEG 5 kDa
Endotoxin Concentration:	< 2.5 EU/mL	Solvent:	Milli-Q Water



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 away from light. DO NOT FREEZE.