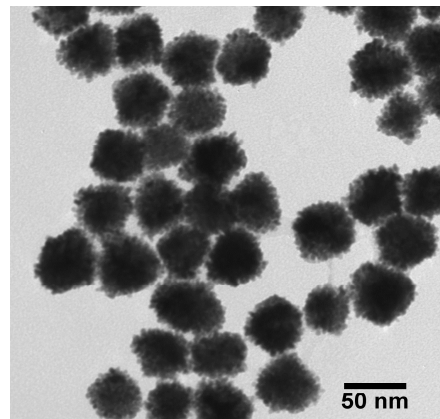
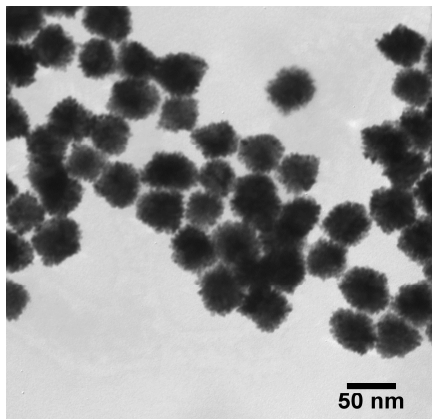
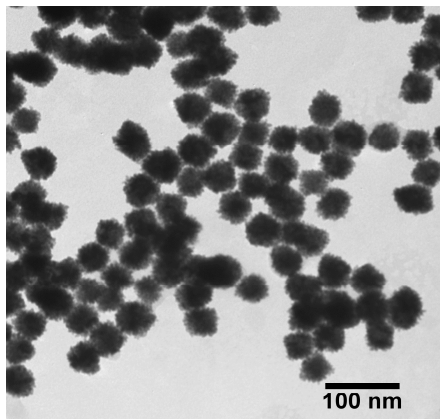


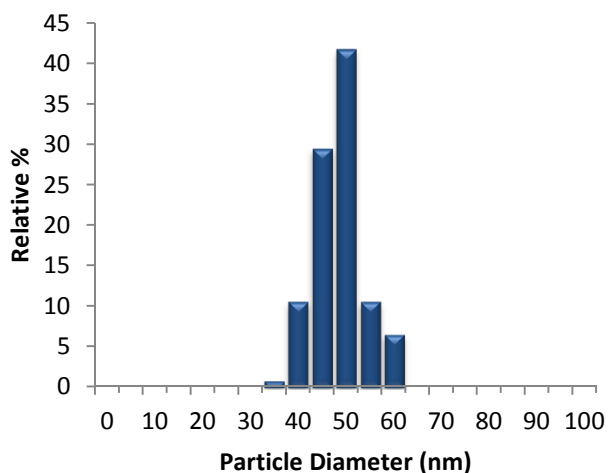
50 nm Platinum Nanoparticles, Citrate, BioPure™

Lot Number: JRC0007

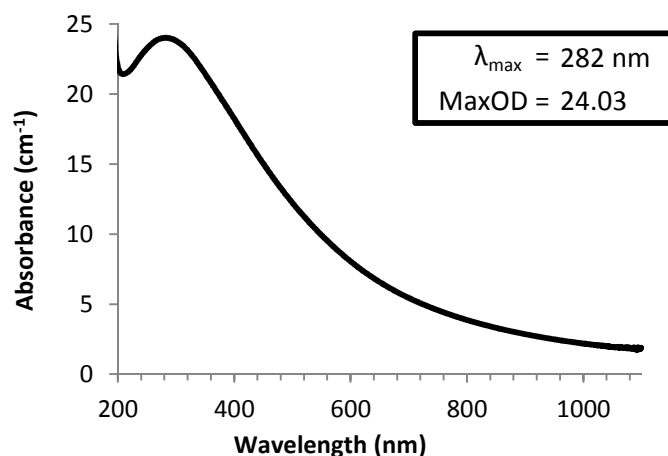
Diameter (TEM):	46 ± 5 nm	Hydrodynamic Diameter:	55 nm
Coefficient of Variation:	11.1 %	Zeta Potential:	-40 mV
Surface Area (TEM):	5.9 m ² /g	pH of Solution:	7.2
Mass Concentration (Pt):	1.06 mg/mL	Platinum Purity:	99.99 %
Particle Concentration:	9.6E+11 particles/mL	Particle Surface:	Sodium Citrate
Endotoxin Concentration:	< 2.5 EU/mL	Solvent:	Aqueous 2mM Citrate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage: 2-8 °C. DO NOT FREEZE.