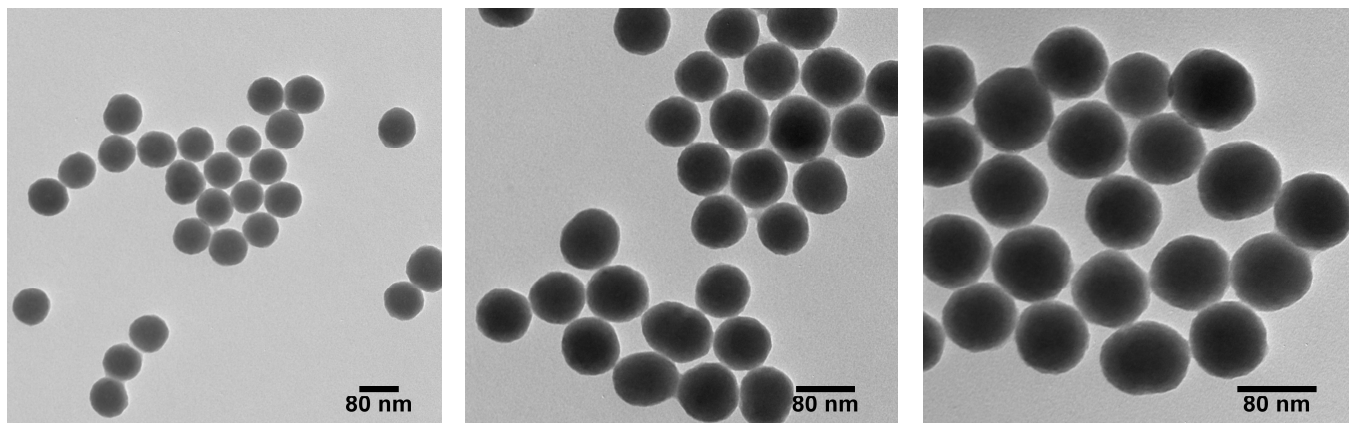


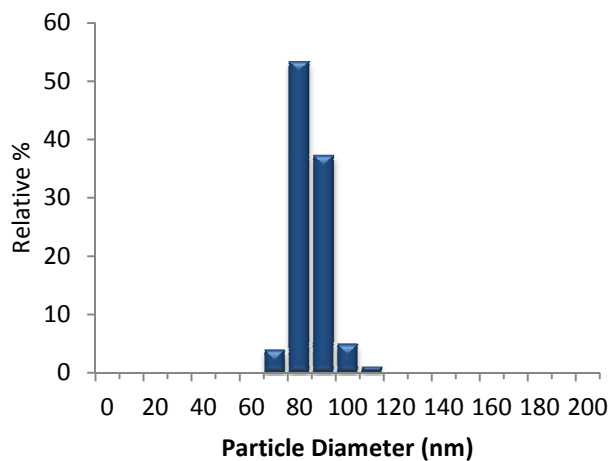
80 nm Amine-Terminated NanoXact™ Silica

Lot Number: JCP1220

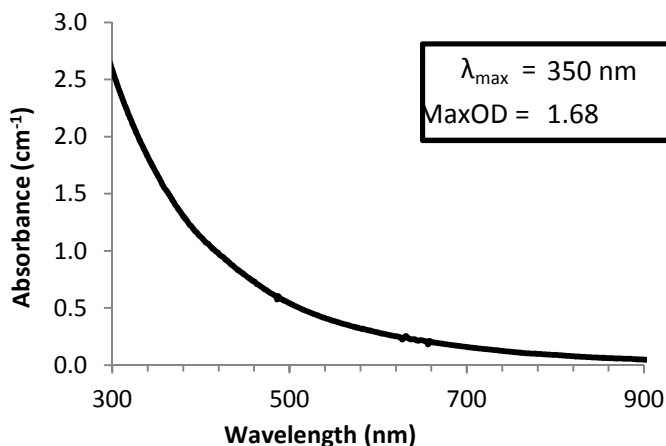
Diameter (TEM):	79.7 ± 5.9 nm	Hydrodynamic Diameter:	108.7 nm
Coefficient of Variation:	7.4 %	Zeta Potential:	43.4 mV
Surface Area (TEM):	33.8 m ² /g	pH of Solution:	8.3
Mass Concentration (SiO₂)	10.6 mg/mL	Particle Surface:	Amine Terminated
Particle Concentration:	1.8E+13 particles/mL	Solvent:	Ethanol



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Gravimetric Analysis- AND HM-202
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Shake vigorously before use. Bath sonicate if needed. Storage: 25°C. DO NOT FREEZE.