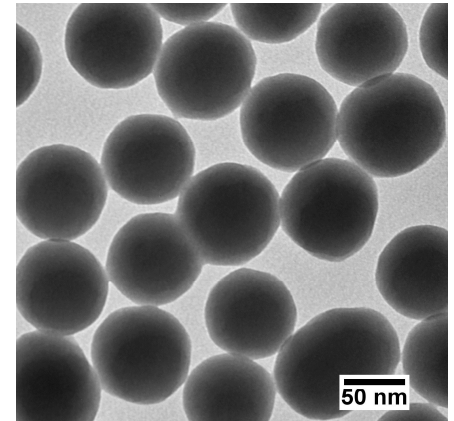
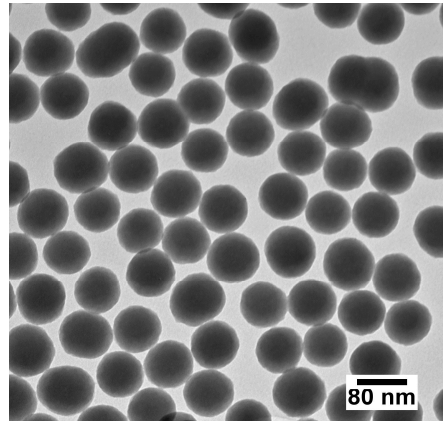
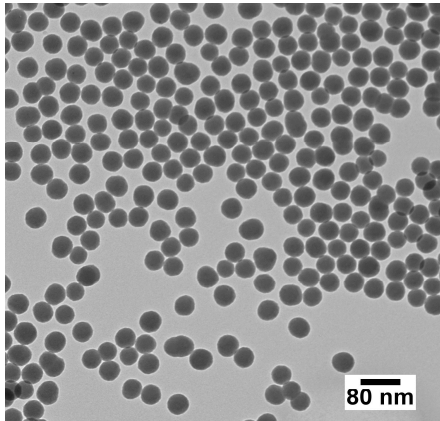


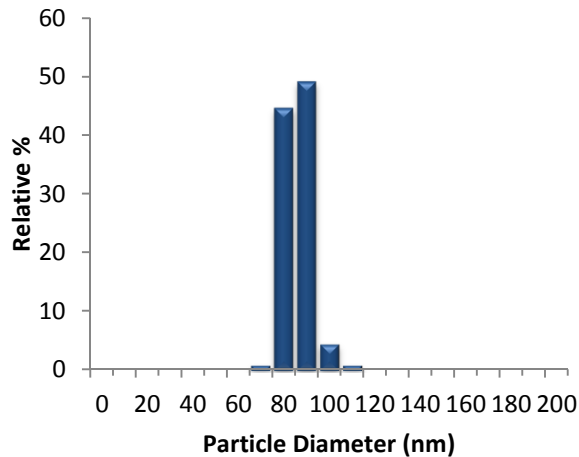
80 nm Silica Nanospheres, Silica, NanoXact™

Lot Number: SCM0035

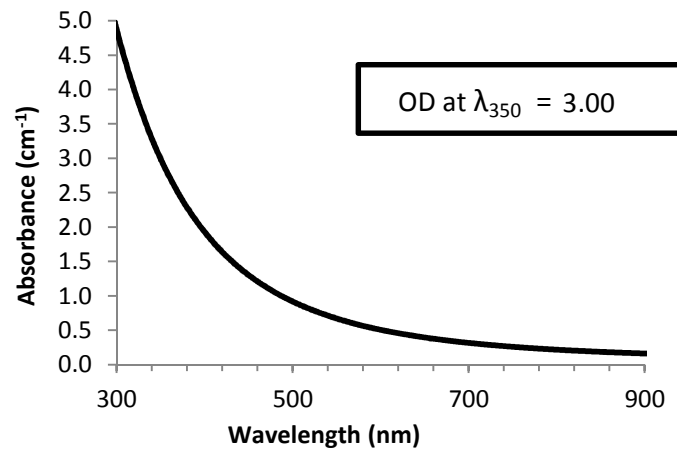
Diameter (TEM):	81 ± 6 nm	Hydrodynamic Diameter:	99 nm
Coefficient of Variation:	7.0 %	Zeta Potential:	-40 mV
Surface Area (TEM):	33.2 m ² /g	pH of Solution:	8.2
Mass Concentration (SiO₂)	10.5 mg/mL	Particle Surface:	Silanol
Particle Concentration:	1.7E+13 particles/mL	Solvent:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Gravimetric Analysis- AND HM-202

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

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