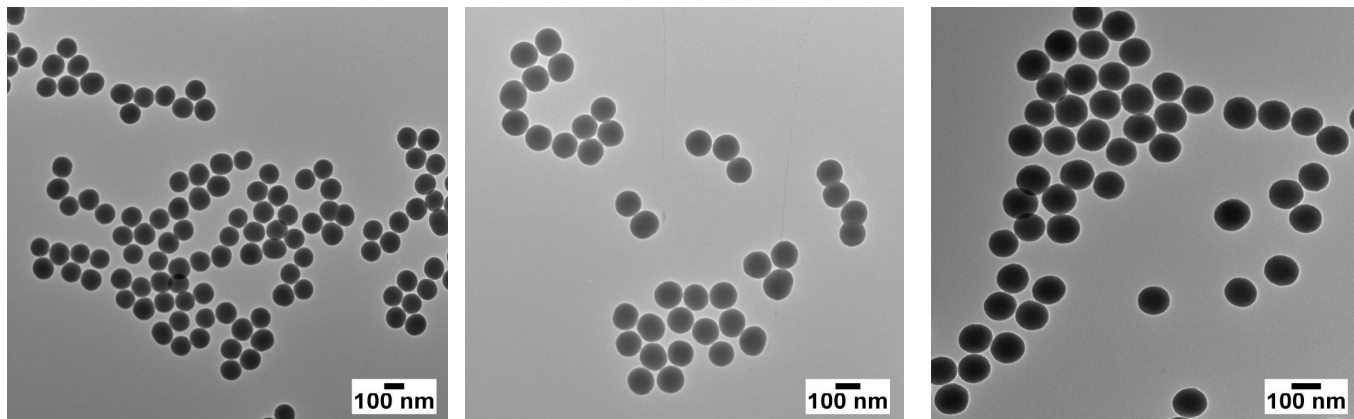


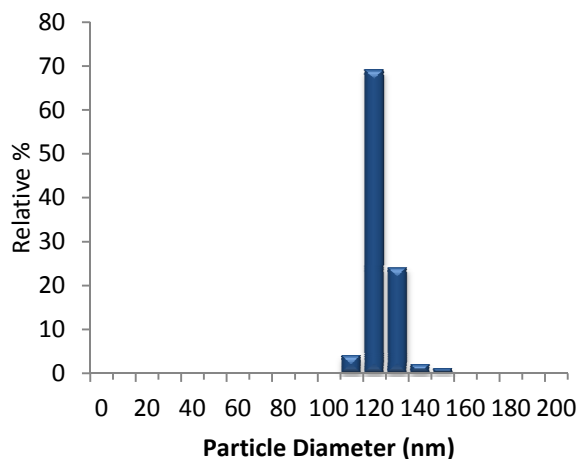
120 nm Non-Functionalized NanoXact™ Silica

Lot Number: CLC0728

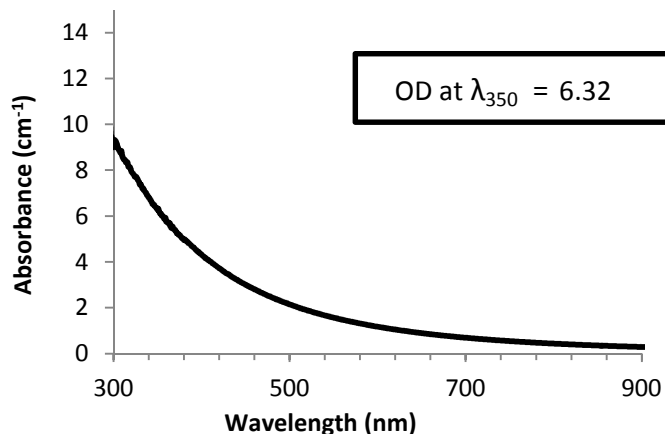
Diameter (TEM):	118.5 ± 5.7 nm	Hydrodynamic Diameter:	137.6 nm
Coefficient of Variation:	4.8 %	Zeta Potential:	-54.3 mV
Surface Area (TEM):	22.9 m ² /g	pH of Solution:	9.6
Mass Concentration (SiO₂):	10.76 mg/mL	Particle Surface:	Silanol
Particle Concentration:	5.6E+12 particles/mL	Solvent:	Milli-Q Water



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.