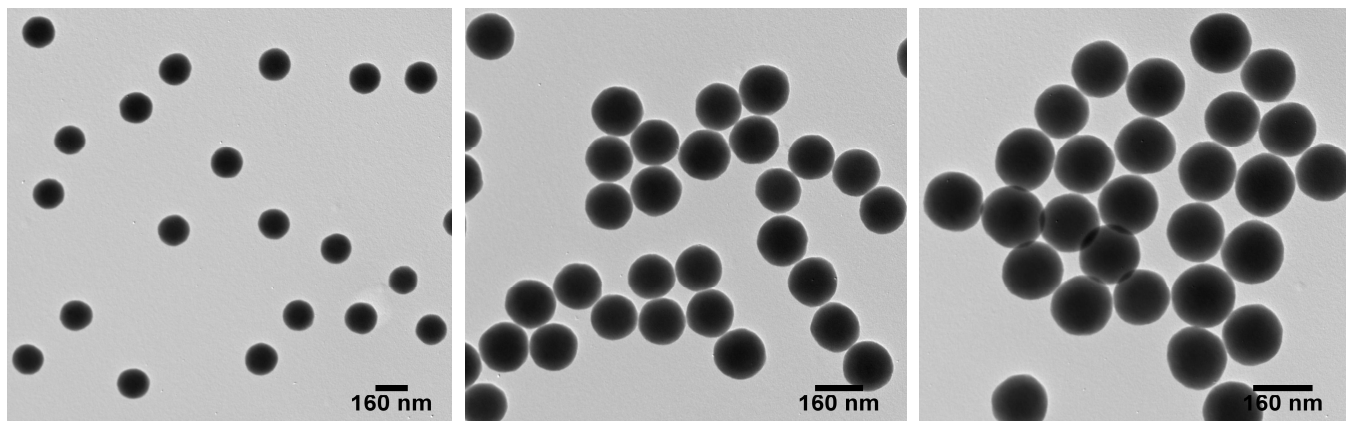


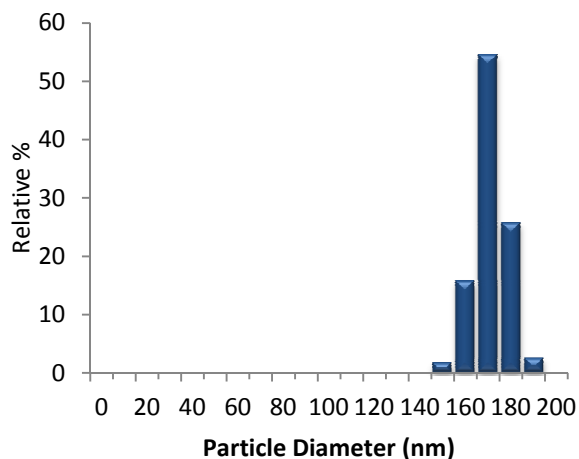
160 nm Amine-Terminated NanoXact™ Silica

Lot Number: JCP1230

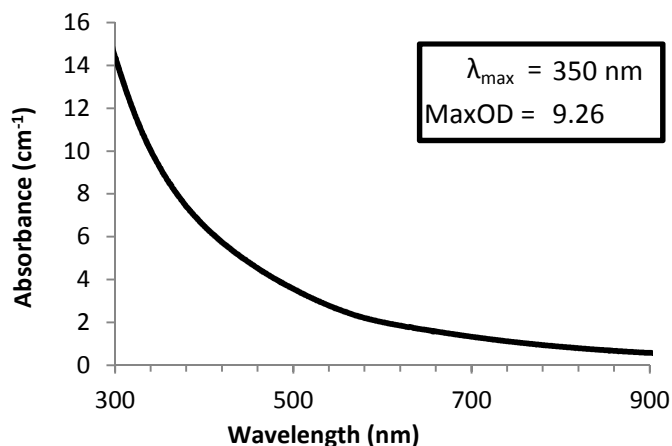
Diameter (TEM):	166.1 ± 7.0 nm	Hydrodynamic Diameter (pH 5.7):	203.7 nm
Coefficient of Variation:	4.2 %	Zeta Potential (pH 5.7):	36.3 mV
Surface Area (TEM):	16.4 m ² /g	pH of Solution:	9.3
Mass Concentration (SiO₂):	10.4 mg/mL	Particle Surface:	Amine Terminated
Particle Concentration:	2.0E+12 particles/mL	Solvent:	Ethyl Alcohol



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

JEOL 1010 Transmission Electron Microscope

Gravimetric Analysis- AND HM-202

Agilent 8453 UV-Visible Spectrometer

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