

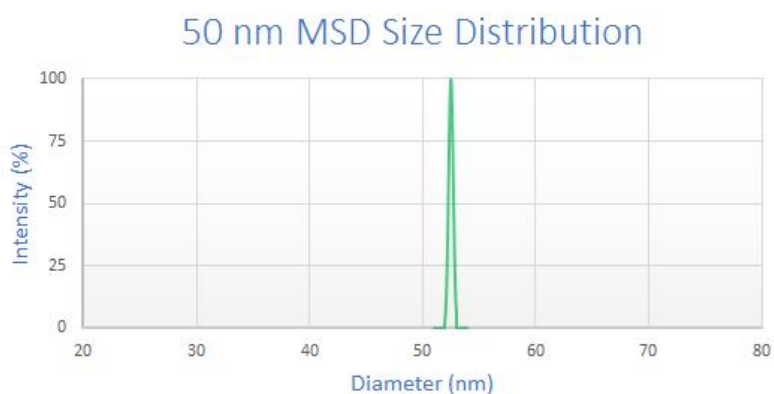
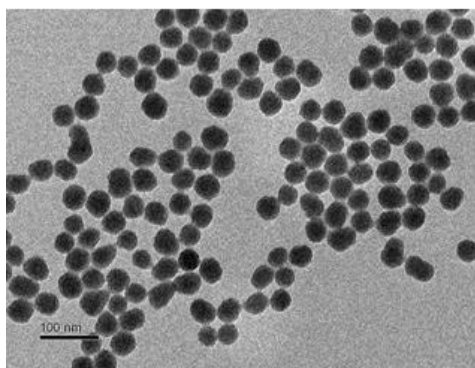


SUPERIOR SILICA

50 nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	52.6 ± 4 nm
Polydispersity Index	0.025
Coefficient of Variation (%)	6 %
Concentration (counts per second)	320 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol
at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a polydispersity below 0.05.