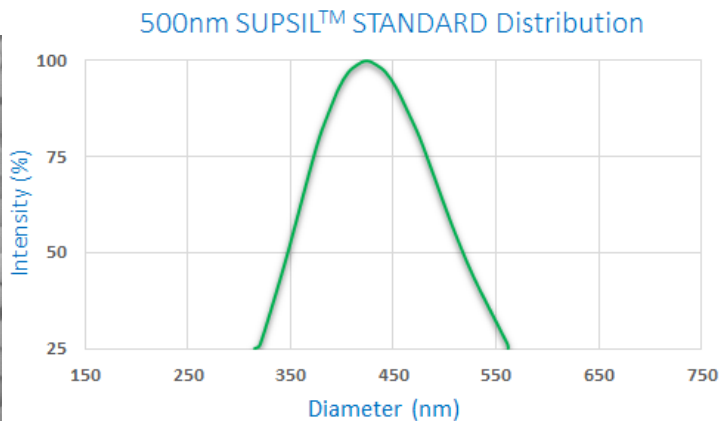
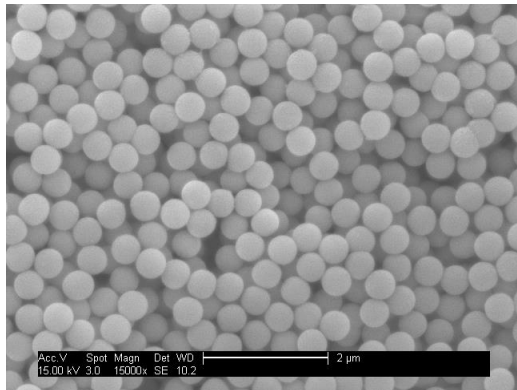




SUPERIOR SILICA

# 500nm SUPSIL™ STANDARD

PARTICLE CHARACTERISTICS	
Product Line	SUPSIL™ STANDARD
Purity	~ 99%
Effective Diameter (nm)	503 ± 69 nm
Polydispersity Index	0.050
Coefficient of Variation (%)	14 %
Concentration (counts per second)	120 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.1



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

Dry quantities available up to 1000 kg.

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