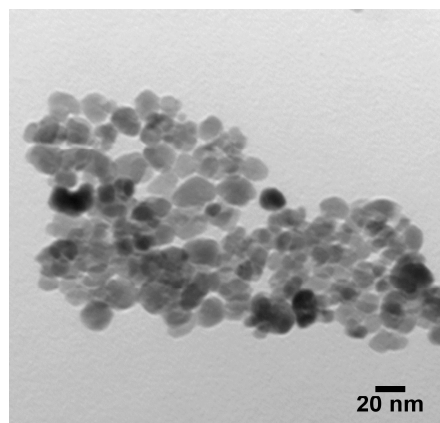
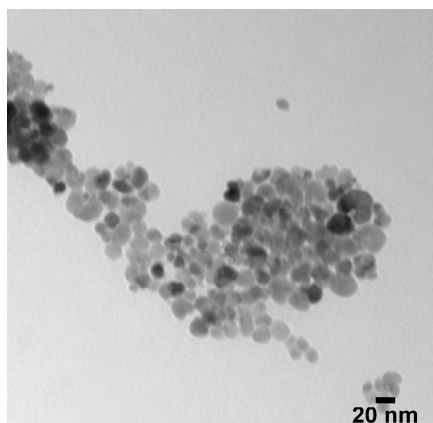
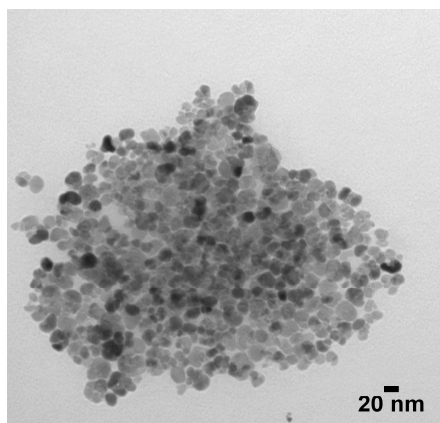


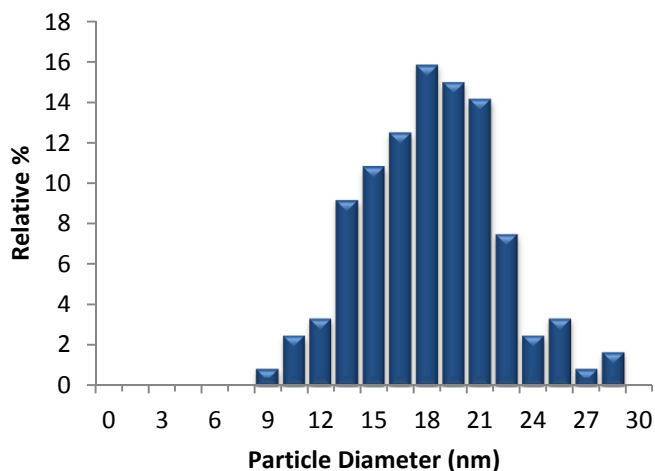
20 nm PVP BioPure™ Magnetite

Lot Number: MGM2406

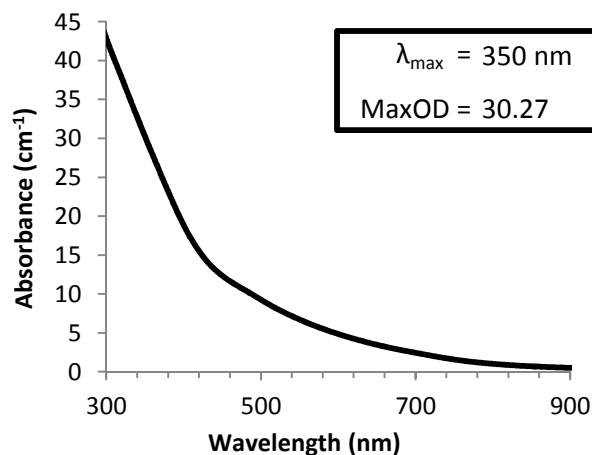
Diameter (TEM):	17.5 ± 3.8 nm	Hydrodynamic Diameter:	37 nm
Coefficient of Variation:	21.7 %	Zeta Potential:	-41 mV
Surface Area (TEM):	60.1 m ² /g	pH of Solution:	7.5
Mass Concentration Calc'd (Fe₃O₄):	1.07 mg/mL	Particle Surface:	PVP
Particle Concentration:	7.3E+13 particles/mL	Solvent:	Aqueous 2mM Citrate
Endotoxin Concentration:	< 5 EU/mL		



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Shake vigorously before use. Bath sonicate if needed. Storage: 2-8 °C. DO NOT FREEZE.