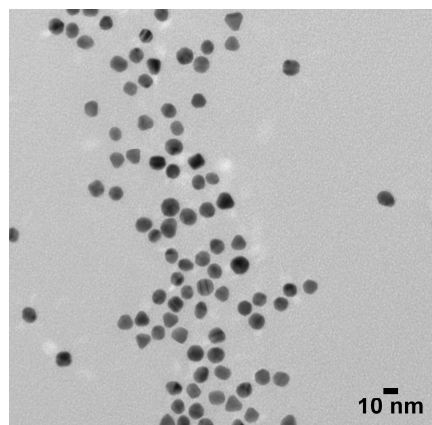
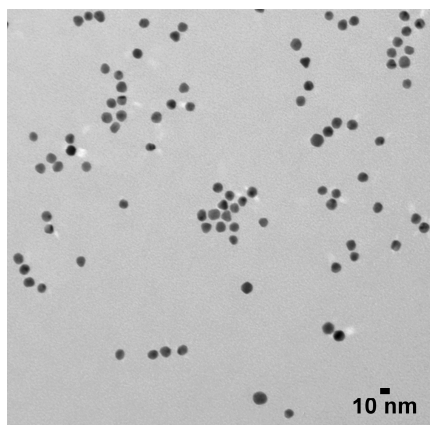
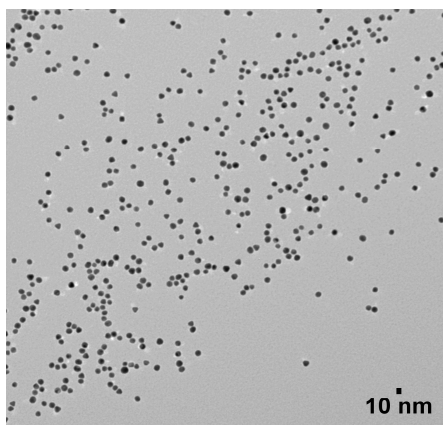


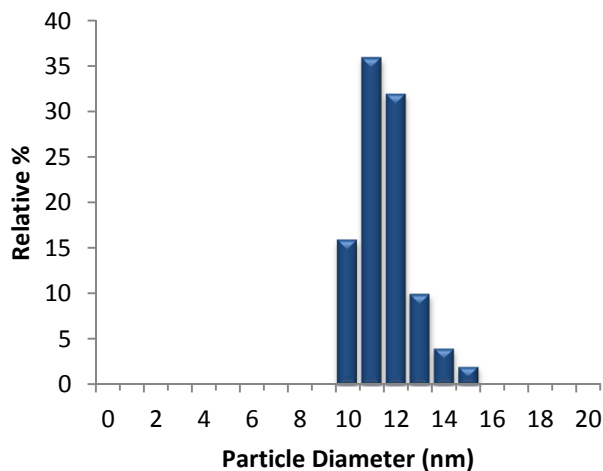
10 nm Gold Nanospheres, Tannic Acid, NanoXact™

Lot Number: KDP0006

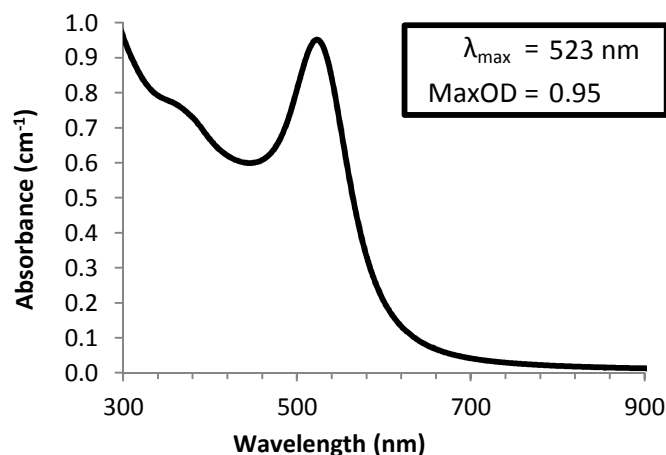
Diameter ± Std.Dev (TEM):	11.0 ± 1.1 nm	Hydrodynamic Diameter:	17 nm
Coefficient of Variation:	9.6 %	Zeta Potential:	-37 mV
Surface Area (Calc'd):	27.6 m ² /g	pH of Solution:	4.8
Mass Concentration (Au):	0.053 mg/mL	Gold Purity:	99.99 %
Particle Concentration (Calc'd):	3.9E+12 particles/mL	Particle Surface:	Tannic Acid
Molar Particle Concentration:	6.4E-09 particle # (mol/L)	Solvent:	Milli-Q Water



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
Endotoxin:	Pyros Kinetix - Turbidimetric Assay-(BioPure and Ultra Uniform Only)
pH:	Horiba - Laqua Twin pH Meter

Recommended storage: 2-8 °C. DO NOT FREEZE.