

NANOPARTz™

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family	Spherical Gold Nanoparticles
Product Number	11-15
Lot #	SPA238
Appearance	Gold
Form	Colloid
Supernatant	18MEG DI Water

Diameter	nm	measured TEM, DLS,	
SPR Abs	OD	average UVVIS	17
PDI	stddev/size	measured UVVIS	1.2
SPR Peak	nm	measured TEM	6%
pH		measured UVVIS	521
Zeta Potential	mV	measured Orion	7
Concentration	nps/mL	measured DLS	-28
Wt. conc.	mg/mL	calc	1.33E+12
ppm		calc	0.060
Wt. %	%	calc	60
Molarity	nm	calc	0.0060%
Molar Ext.	M-1cm-1	calc	2.1213
			5.43E+08

Date	2/6/2012
Exp Date	8/4/2012

Shelley Coldiron, Manager
Quality Control

