

# NANOPARTZ™

The gold nanoparticle for nanotechnology

## Certificate of Analysis

Product Family Nanopartz Gold Nanorod  
Product Number A12-25-900-CTAB  
Lot # F3222  
Form Gold Colloid  
Capping Agent CTAB  
Solution 18MEG DI Water

SPR Peak	nm	measured	UV/VIS	900
SPR Abs	OD	measured	UV/VIS	1
LSPR Peak	nm	measured	UV/VIS	511
LSPR Abs	OD	measured	UV/VIS	0.3
pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	30
Diameter	nm	measured	TEM	25
Length	nm	measured	TEM	96
Aspect Ratio		calc		3.8
Concentration	nps/mL	calc		6.0E+10
Concentration	mg/mL	calc		0.050
Concentration	ppm	calc		35
CTAB	mM	measured		3

Date 1/4/2017  
Exp Date 7/3/2017

Alex Schoen, Manager Quality Control

