

# NANOPARTZ™

The gold nanoparticle for nanotechnology

## Certificate of Analysis

Product Family	Nanopartz Gold Nanorodz
Product Number	A12-25-550-CTAB
Lot #	E2973D
Form	Gold Colloid
Capping Agent	CTAB
Solution	18 MEG DI Water

SPR Peak	nm	measured	UV/VIS	570
SPR Abs	OD	measured	UV/VIS	1.2
LSPR Peak	nm	measured	UV/VIS	525
LSPR Abs	OD	measured	UV/VIS	1.1
pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	38
Diameter	nm	measured	TEM	25
Length	nm	measured	TEM	40
Aspect Ratio		calc		1.6
Concentration	nps/mL	calc		6.2E+11
Concentration	mg/mL	calc		0.20
CTAB	mM	measured		3

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

Alex Schoen, Manager Quality Control

