

# NANOPARTz™

The gold nanoparticle for nanotechnology

## Certificate of Analysis

Product Family	Nanopartz Gold Nanorod
Product Number	A12-10-900-CTAB
Lot #	RPC194D
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	510
LSPR Abs	OD	measured	UV/VIS	0.3
pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	44
Diameter	nm	measured	TEM	10
Length	nm	measured	TEM	50
Aspect Ratio		calc		5
Concentration	nps/mL	calc		4.9E+11
Concentration	mg/mL	calc		0.035
CTAB	mM	measured		3

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

Alex Schoen, Manager Quality Control

