

NANOPARTZ™

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family	Nanopartz Gold Nanorods
Product Number	A12-10-1400-CTAB
Lot #	RPB149D
Form	Gold Colloid
Capping Agent	CTAB
Solution	18MEG DI Water

pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	40
Diameter	nm	measured	TEM	10
Length	nm	measured	TEM	100
Aspect Ratio		calc		10.0
Concentration	nps/mL	calc		2.4E+11
Concentration	mg/mL	measured	ICP	0.035
CTAB	mM	measured		5

Date	1/3/2017
Exp Date	7/2/2017

Alex Schoen, Manager Quality Control



RPB149v.jpg
RPB149v
Cal: 0.001185 um/pix
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500 nm
HV=80.0kV
Direct Mag: 11500x
Philips CM100