

NANOPARTZ™

The gold nanoparticle for nanotechnology

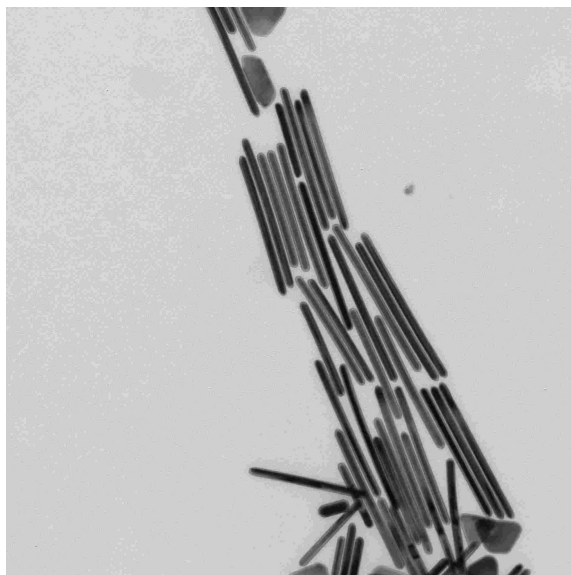
Certificate of Analysis

Product Family	Nanopartz Gold Nanorodz
Product Number	A12-10-2100-CTAB
Lot #	12G62
Form	Gold Colloid
Capping Agent	CTAB
Solution	18MEG DI Water

pH		measured	Expt.	5
Zeta Potential	mV	measured	DLS	35
Diameter	nm	measured	TEM	12
Length	nm	measured	TEM	250
Aspect Ratio		calc		20.8
Concentration	nps/mL	calc		6.5E+10
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



12G62.jpg
Cal: 0.668003 nm/pix
2:24:18 p 06/24/16

100 nm
HV=80.0kV
Direct Mag: 21000x
Phillips CM100