

NANOPARTz™

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family	Nanopartz Gold Nanorod
Product Number	A12-10-950-CTAB
Lot #	12G76
Form	Gold Colloid
Capping Agent	CTAB
Solution	18MEG DI Water

SPR Peak	nm	measured	UV/VIS	940
SPR Abs	OD	measured	UV/VIS	1
LSPR Peak	nm	measured	UV/VIS	513
LSPR Abs	OD	measured	UV/VIS	0.2
pH		measured	Expt.	4
Zeta Potential	mV	measured	DLS	20
Diameter	nm	measured	TEM	10
Length	nm	measured	TEM	55
Aspect Ratio		calc		5.5
Concentration	nps/mL	calc		4.5E+11
Concentration	mg/mL	calc		0.035
CTAB	mM	measured		5

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

Alex Schoen, Manager
Quality Control

