

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family Nanopartz Gold Nanorodz

Product Number A12-50-800-CTAB

Lot # RPB164BD Form Gold Colloid

Capping Agent CTAB

Solution 18MEG DI Water

SPR Peak	nm	measured	UV/VIS	825
SPR Abs	OD	measured	UV/VIS	1.1
LSPR Peak	nm	measured	UV/VIS	520
LSPR Abs	OD	measured	UV/VIS	0.3
рН		measured	Expt.	6
Zeta Potential	mV	measured	DLS	40
Diameter	nm	measured	TEM	50
Length	nm	measured	TEM	160
Aspect Ratio		calc		3.2
Concentration	nps/mL	calc		1.0E+10
Concentration	mg/mL	calc		0.055
CTAB	mM	measured		3

Date 1/6/2017 Exp Date 7/5/2017

Alex Schoen, Manager Quality Control



