

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family Product Number Lot # Appearance Form Supernatant				Bare Gold Nanorodz 30-25-1200 RPB066D Gold Colloid Water <100mM CTAB
SPR Peak	nm	measured	UV/VIS	1200
SPR Abs	AU	measured	UV/VIS	1
LSPR Peak	nm	measured	UV/VIS	508
LSPR Abs	ΑU	measured	UV/VIS	0.23
pН		measured	Expt.	4
Zeta Potential	mV	measured	DLS	36
Axial Diameter	nm	measured	TEM	21

measured

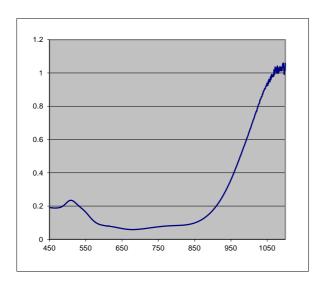
TEM

Aspect Ratio calc 8.1
Concentration nps/mL calc 5.1E+11
Concentration mg/mL calc 0.04

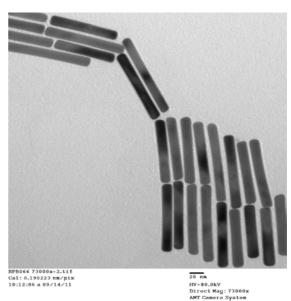
Date 1/30/2012 Exp Date 7/28/2012

Shelley Coldiron, Manager Quality Control

Long Diameter



nm



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