

NANOPARTz™

The gold nanoparticle for nanotechnology

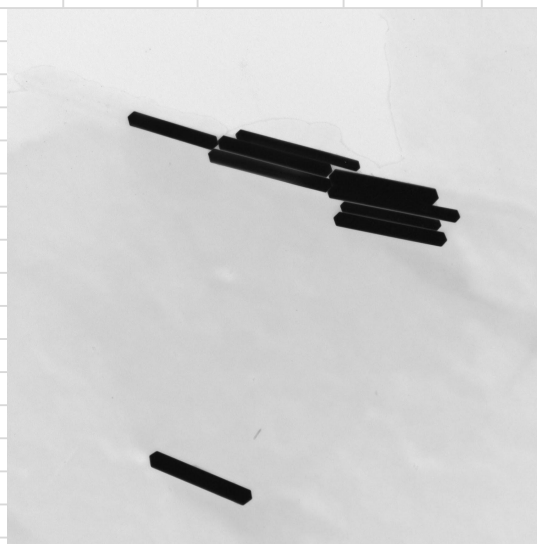
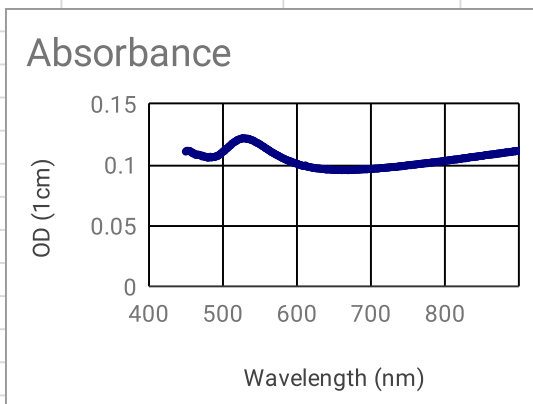
Certificate of Analysis

Product Family	Microgold
Product Number	A13-1000-CTAB-DIH-1-5
Lot #	MGB10-7825
Form	Gold Colloid
Capping Agent	CTAB
Solution	18MEG DI Water
Source	MGB10

pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	35
Diameter	nm	measured	TEM	100
Length	nm	measured	TEM	1000
Aspect Ratio		calc		10.0
Concentration	nps/mL	calc		8.5E+08
Wt. conc.	mg/mL	calc		0.125
Concentration	ppm	calc		125
Wt %	%	calc		0.0125%
Molarity	nM	calc		0.001
CTAB	mM	measured		25
Volume	mL	measured		5

Date	8/28/2019
Exp Date	2/24/2020

Alex Schoen, Manager Quality Control



MGB10 6600x-1.tif
Cal: 0.002065 um/pix
10:20:19 a 01/27/12

500 nm
HV=80.0kV
Direct Mag: 6600x
Phillips CM100