

NANOPARTz™

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family	Nanopartz Gold Nanotriangles		
Product Number	A1T-625-CIT-DIH-1-5		
Lot #	SPEC		
Form	Gold Colloid		
Capping Agent	Citrate		
Solution	18MEG DI Water		
Source	1TN08		
SPR Peak	nm	measured	UV/VIS 625
SPR Abs	OD	measured	UV/VIS 1
pH		measured	Expt. 7
Zeta Potential	mV	measured	DLS -32
Edge	nm	measured	TEM 125
Thickness	nm	measured	TEM 40
Concentration	nps/mL	calc	9.6E+09
Wt. conc.	mg/mL	calc	0.050
Concentration	ppm	calc	50
Wt %	%	calc	0.0050%
Molarity	nM	calc	0.016
Molar Ext.	M-1cm-1	calc	6.3E+10
Citrate	mM	measured	5
Volume	mL	measured	5

Date 6/7/2023

Exp Date 9/5/2023

Chris Sievers, Manager Quality Control

