Certi	ficate of	Analysis				
		2				
Produc	Product Family		Nanopartz Gold Nanorods			
	t Number			-CTAB-DIH-1	-5	
Lot #			12K440-12552			
Form	. .		Gold Colloid			
	ig Agent		CTAB			
Solutio			18MEG DI W	later		
Source	;		12G74			
SPR P	eak	nm	measured	UV/VIS	1400	
SPR A		OD	measured	UV/VIS	1	
LSPR		nm	measured	UV/VIS	508	
LSPR		OD	measured	UV/VIS	0.2	
pН			measured	Expt.	6.0	
	otential	mV	measured	DLS	32	
Diame	ter	nm	measured	TEM	10	
Length		nm	measured	TEM	100	
Aspect			calc		10.0	
	ntration	nps/mL	calc		2.4E+11	
Wt. cor		mg/mL	calc		0.035	
	ntration	ppm	calc		35	
Wt %		%	calc		0.0035%	
Molarit Molar I	•	nM M-1cm-1	calc calc		0.40 2.5E+09	
CTAB	ΞXL.	mM	measured		2.5±+09	
Volume	-	mL	measured		5	
Volume	5	1116	measureu		5	
Date					7/8/2023	
Exp Da	ate				1/4/2024	
Alex S	choen, Mai	nager Quality C	ontrol			
bsorba	nce (O	D) in D20				
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0.75		//	\downarrow			
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0.25	$\sqrt{-1}$					
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400	800	1200	1600			