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		d nanoparticle for i			
		и папорагисте тог т	lanoteciniolo	ду	
Certificate of	Analysis				
Product Family		Nanopartz G	old Nanorod	ds	
Product Number		A12-25-550-			
Lot #		12M594-12827			
Form		Gold Colloid			
Capping Agent		CTAB			
Solution		18MEG DI Water			
Source		12G75			
SPR Peak	nm	measured	UV/VIS	565	
SPR Abs	OD	measured	UV/VIS	1.2	
LSPR Peak	nm	measured	UV/VIS	535	
LSPR Abs	OD	measured	UV/VIS	1	
pН		measured	Expt.	7	
Zeta Potential	mV	measured	DLS	31	
Diameter	nm	measured	TEM	25	
Length	nm	measured	TEM	34	
Aspect Ratio		calc		1.4	
Concentration	nps/mL	calc		2.5E+11	
Wt. conc.	mg/mL	calc		0.060	
Concentration	ppm	calc		60	
Wt %	%	calc		0.0060%	
Molarity	nM	calc		0.412	
Molar Ext.	M-1cm-1	calc		2.9E+09	
CTAB	mM	measured		5	
Volume	mL	measured		25	
Data				9/15/2023	
Date Exp Date				3/13/2024	
Exp Date				3/13/2024	
Alex Schoen, Mar	⊣ nager Quality C	Control			
7 tick Conoch, ivial	lager Quality C				
Absorbance					
1.25			(1) A		
1.00					
0.75				2002	(B)
			1	*10	
0.50		- Sie	Const.	etall, See 2	6.
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0.00			100000000000000000000000000000000000000	1005	9
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-0.25	00 000 10				
400 6	00 800 10	12675.jpg Cal: 0.8795	07 nn/nix	100 nm	
	Wavelength (nm)	Cal: 0.87950 1:59:59 p 07	7/15/16	HV=60.0kV Direct Mag: 15500x	