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Certificate of	Anaiysis				
Product Family		Nanopartz	Gold Nanoro	ods	
Product Number		A12-50-700-CTAB-DIH-1-25			
Lot #		RPB124-12			
Form		Gold Colloi	d		
Capping Agent		СТАВ			
Solution		18MEG DI Water			
Source		12G146			
SPR Peak	nm	measured	UV/VIS	694	
SPR Abs	OD	measured	UV/VIS	1.1	
LSPR Peak	nm	measured	UV/VIS	544	
LSPR Abs	OD	measured	UV/VIS	0.9	
pH	-	measured	Expt.	7	
Zeta Potential	mV	measured	DLS	34	
Diameter	nm	measured	TEM	50	
Length	nm	measured	TEM	110	
Aspect Ratio		calc		2.2	
Concentration	nps/mL	calc		1.6E+10	
Wt. conc.	mg/mL	calc		0.055	
Concentration	ppm	calc		55	
Wt %	%	calc		0.0055%	
Molarity	nM	calc		0.03	
Molar Ext.	M-1cm-1	calc		4.2E+10	
CTAB	mM	measured		5	
Volume	mL	measure		25	
Date				9/15/2023	
Exp Date				3/13/2024	
LAP Date				3/13/2024	
Alex Schoen, Mar	nager				
Quality Control					
Absorbance			1. 1		1
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	Wavelength (nm)		12.	مام ماه	
	vvaveletigtil (IIIII)	12 Ca	0146.jpg 1: 0.002115 µm/pix :42:42 PM 12/29/2016	500 nm NV=120.0kV Direct Mag: 30000x	