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		d nanoparticle for	nanotecnnolo	9У	
Certificate of	Analysis				
Product Family		Nanopartz G	Sold Nanotria	ingles	
Product Number		A1T-780-CI			
Lot #		SPEC			
Form		Gold Colloid			
Capping Agent		Citrate			
Solution		18MEG DI Water			
Source		1TN28			
SPR Peak	nm	measured	UV/VIS	780	
SPR Abs	OD	measured	UV/VIS	1	
pH	0.5	measured	Expt.	7	
Zeta Potential	mV	measured	DLS	-34	
Edge	nm	measured	TEM	200	
Thickness	nm	measured	TEM	55	
Concentration	nps/mL	calc		2.7E+09	
Wt. conc.	mg/mL	calc		0.050	
Concentration	ppm	calc		50	
Wt %	%	calc		0.0050%	
Molarity	nM	calc		0.005	
Molar Ext.	M-1cm-1	calc		2.2E+11	
Citrate	mM	measured		5	
Volume	mL	measured		5	
Date				10/3/2023	
Exp Date				1/1/2024	
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Chris Sievers, Ma	nager Quality (Control			
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Absorbance			NO CA	H. K. C.	
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5.20			PAY T	Service Control	XXXX
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	00 800 1	1000	Maria :	THE LAND	17.7.4°
	Wavelength (nm)	12	TM28-3.jpg al: 0.002115 pm/pix 2:57:18 PM 9/21/2023	500	nm 1100.0kV rect Mag: 30000x 124.97296 Y: -272.073376 Camera System