Total			d nanoparticle for	Harioteerinolog	19	
Product Number	Certificate of	f Analysis				
Product Number						
Product Number	Product Family		Nanopartz G	Sold Nanorod	S	
Capping Agent	Product Number					
Capping Agent CTAB Solution 18MEG DI Water Source 12G127 SPR Peak nm measured SPR Abs OD measured UV/VIS 1.2 LSPR Peak nm measured UV/VIS 509 LSPR Abs OD measured UV/VIS 0.25 pH measured Expt. 7 Zeta Potential mV measured DLS 34 Diameter nm measured TEM 25 Length nm measured TEM 137 Aspect Ratio calc 5.5 5 Concentration nps/mL calc 4.9E+10 Wt. conc. mg/mL calc 0.060 Concentration ppm calc 0.0060 Molarity nM calc 0.08 Molarity nM measured 4 Volume mL measured 4 Volume <td>Lot #</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Lot #					
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SPR Abs	Source		12G127			
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Absorbance (OD) 1.25 1.00 0.75 0.50 0.25 0.00	Exp Date				3/13/2024	
Absorbance (OD) 1.25 1.00 0.75 0.50 0.25 0.00	Alex Schoen, Mai	nager Quality C	ontrol			
1.25 1.00 0.75 0.50 0.25 0.00	7 HOX CONCON, Mai	liagor Quanty o				
1.25 1.00 0.75 0.50 0.25 0.00						
1.25 1.00 0.75 0.50 0.25 0.00	Absorbance (OD)					
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0.75 0.50 0.25 0.00	1.23				19	
0.50 0.25 0.00	1.00				4	
0.50 0.25 0.00	0.75		•		2	
0.25	(m)	/		<	XI_V	
0.00	0.50	- 		>4		
0.00	0.25				37	
	0.23				5 /	
400 600 800 1000				\ , '		
	400 600	800 1000	0	1		