

NNIN Nanotechnology Education

	Data Tables
Name	Date

Table 1. Zone of Inhibition

Plate	Test Reagent	Diameter of Zone of	Average Zone (mm)
		Inhibition (mm)	
1	Control		
2	Control		
3	AgNPs		
4	AgNPs		
5	Soap		
6	Soap		
7	Disinfectant		
8	Disinfectant		

Table 2. Colony Counting

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Plate	Amount of AgNPs	Colony Count	Average Colony				
	(uL)		Count				
1	0						
2	0						
3	10						
4	10						
5	25						
6	25						
7	50						
8	50						
9	100						
10	100						
11	200						
12	200						
13	300						
14	300						

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Table 3. Growth in Nutrient Broth

Tube	Amount	Absorbance at 600 nm							
	of	0 hrs	Avg.		Avg.		Avg.	24 hrs	Avg.
	AgNPs		0 hrs	hrs		hrs			Avg. 24 hrs
	(uL)				hrs		hrs		
1	0								
2	0								
3	10								
4	10								
5	25								
6	25								
7	50								
8	50								
9	75								
10	75								
11	100								
12	100								

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