

# $\gamma$ -Irradiated Chitosan Mediates Enhanced Synthesis and Antimicrobial Properties of Chitosan–Silver (Ag) Nanocomposites

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**Table S1.** Concentration gradient used for synthesis of chitosan-silver nano-composite

Sr. no.	NL-CSN conc. (%)	AgNO <sub>3</sub> conc. (%)	Sr. no.	IR-CSN conc. (%)	AgNO <sub>3</sub> conc. (%)
1	0.25	0.00	13	0.25	0.00
2		0.05	14		0.05
3		0.10	15		0.10
4		0.15	16		0.15
5		0.20	17		0.20
6		0.25	18		0.25
7	0.00	0.25	19	0.00	0.25
8	0.05		20	0.05	
9	0.10		21	0.10	
10	0.15		22	0.15	
11	0.20		23	0.20	
12	0.25		24	0.25	