

Table 2: Zn and Si values of female rat exposed 14 days

Parameters measured	Zn Control Conc. of Zn [µg/g]	ZnO NPs 5mg/kg BW Conc. of Zn [µg/g]	Si Control Conc. of Si [µg/g]	MSN 15mg/kg BW Conc. of Si [µg/g]
Liver	8.940±0.7349	21.51±0.5935***	7.898±0.4112	13.63±0.5776 ^{ns}
Kidney	7.311±0.6010	17.11±1.918**	7.177±0.2055	17.44±0.7353*
Spleen	7.387±0.8705	14.73±1.959*	10.87±0.06774	19.98±0.2872*
Ovary	15.65±0.5956	17.85±1.771 ^{ns}	30.92±1.235	43.67±4.769**

Data from three animals with triplicate experiment; Figures quoted as mean±SD and significant (ns= non significant, *p<.05, **p<0.01, ***p<0.001) compared to control