

**S9 Table. Cytotoxicity of ZOEO loaded nanoformulations against MCF-7 cells.**

Nanoformulations	IC <sub>50</sub> value (ng of essential oil/mL)				
	1	2	3	Mean	SD
NE-ZO-S	5.97	1.00	2.28	3.08	2.58
NE-ZO-B	>50	>50	>50	>50	-
ME-ZO-S	1.22	0.65	0.34	0.74	0.45
ME-ZO-B	>50	>50	>50	>50	-
NG-ZO-S	2.25	3.24	1.41	2.30	0.91
NG-ZO-B	>50	>50	>50	>50	-
MG-ZO-S	3.77	13.14	2.44	6.45	5.84
MG-ZO-B	>50	>50	>50	>50	-