

Electronic Supplementary Data

Synthesis and characterisation of nickel-iron bimetallic oxide nanoparticles via microwave irradiation technique

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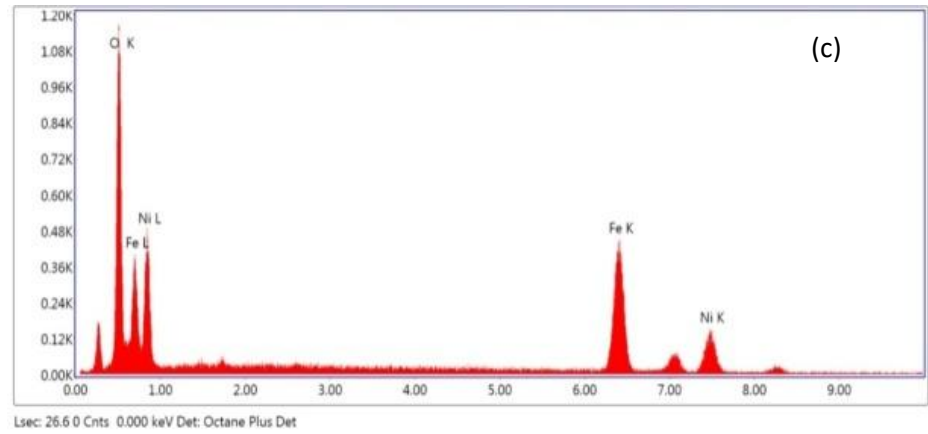
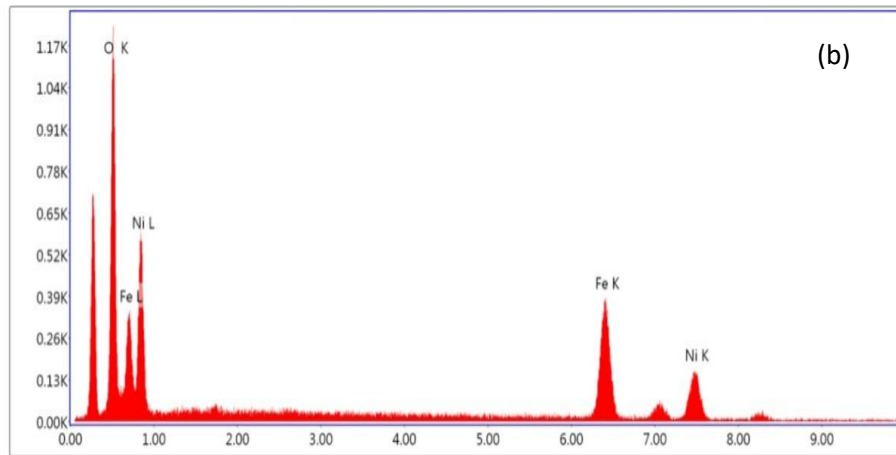
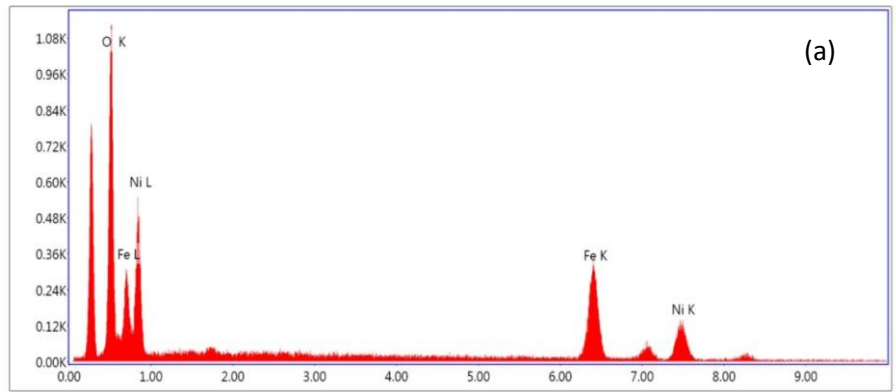


Fig. S1 — EDS spectra for nickel-iron oxide at (a) 500, (b) 700 and (c) 900 °C

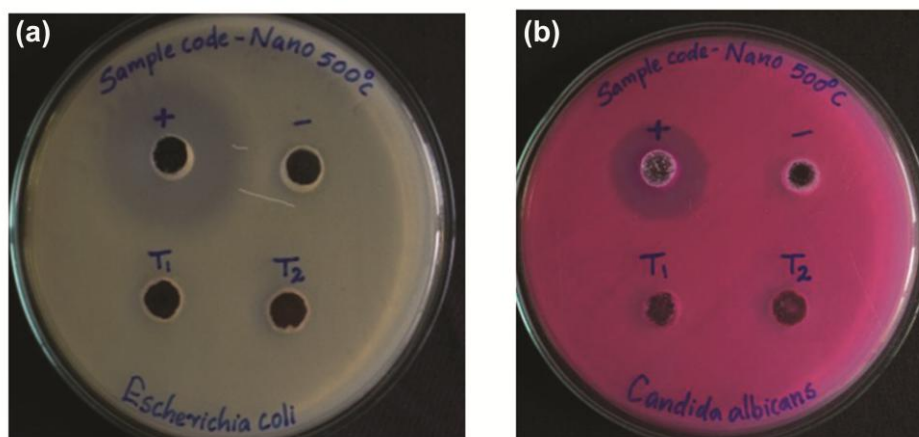


Fig. S2 — (a) Antibacterial and (b) Antifungal activity of NPs

Table S1 — Antibacterial assay		
Organisms		<i>Escherichia coli</i> (mm)
Sample	Concentration of samples	Positive control Gentamycin
Nano 500 °C	Gentamycin	80 mcg
	Negative control	27
	T1 (400mcg)	-
	T2 (800mcg)	-

Table S2 — Antifungal assay		
Organisms		<i>Candida albicans</i> (mm)
Sample	Concentration of samples	Positive control Clotrimazole
Nano 500 °C	Clotrimazole	80 mcg
	Negative control	20
	T1 (400mcg)	-
	T2 (800mcg)	-