

extract was prepared by mixing 10 g of dried powder with 100 mL deionized water in 500 mL of Erlenmeyer flask and boiled for 10 min, for the reduction of Iron ions. Then the extract filtered and 5 mL of leaf extract and mixed with aqueous of Fe_2SO_4 and stirred at room temperature for 10 minutes. The stirring

MmL of
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Phytochemical qualification

Olea europaea aqueous extract was investigated for the presence of various phytochemicals by carry out a series of qualitative chemical tests as in table 1. "Presences of these phytochemicals have contributed to its medicinal value as well as physiological activity (Levi *et al.* 1977)". The *Olea europaea* extract was found to have a Phytosterol and saponin content the highest, then Flavonoids, Phenolic compounds, Unsaturated sterols and terpenes, Unsaturated sterols and terpenes with medium amount.

than 30 nm was also reported previously (Abbas, *et al.* 2015; Arumugam, *et al.* 2015). Also, it can be seen that particles have irregular spherical iron nanoparticles

