

Supplementary Data

This supplementary data is a part of a paper entitled “Synthesis, Spectral Identification, Thermal Studies, Antioxidant Properties, and Biological Effects for Some Metal Ion Complexes with New Schiff Base Ligand”.

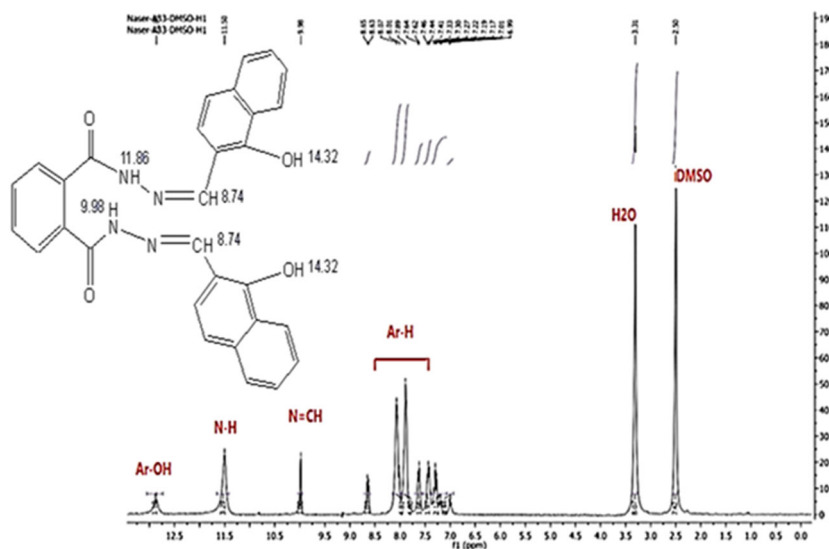


Fig S1. ^1H -NMR spectrum of synthesized ligand

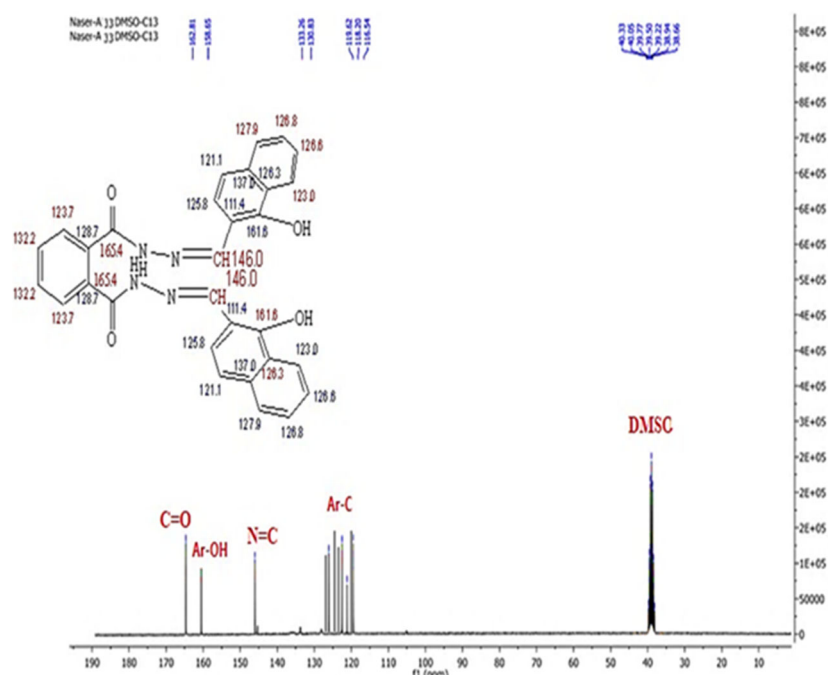
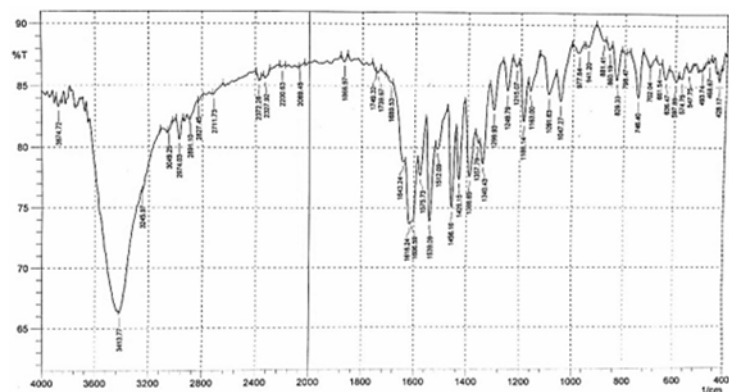
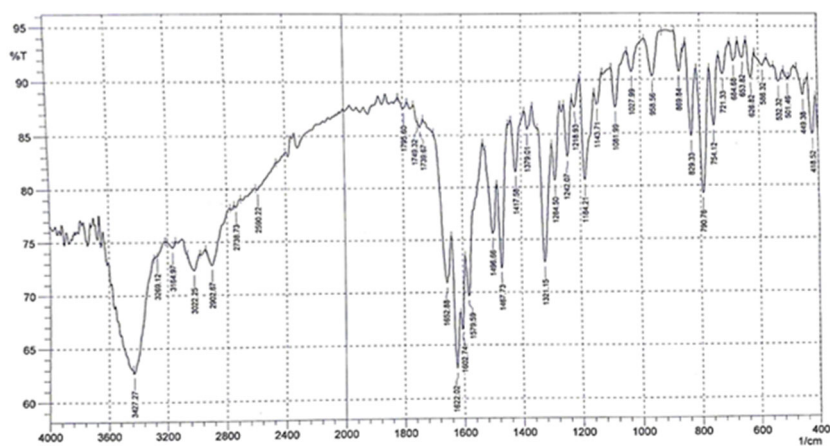
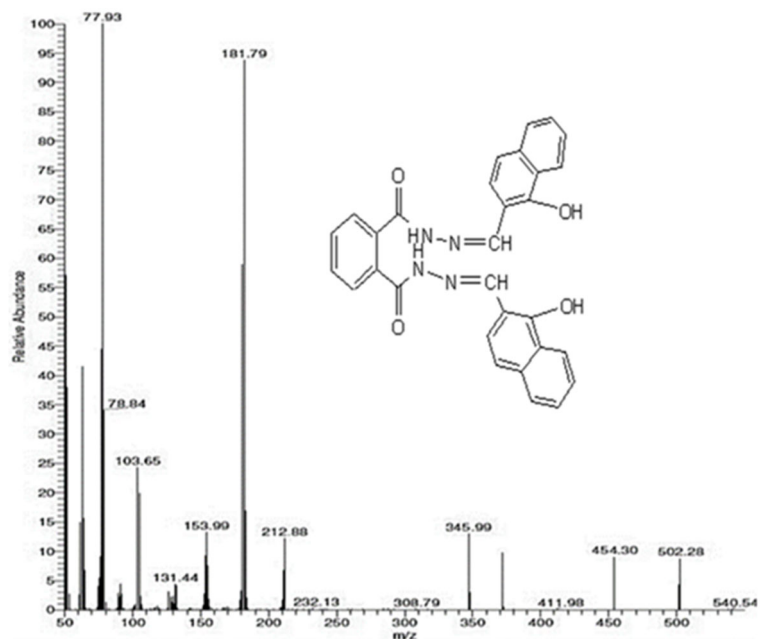


Fig S2. ^{13}C -NMR spectrum of synthesized ligand



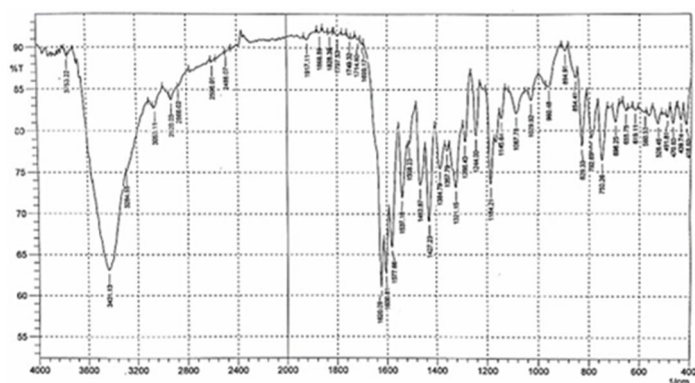


Fig S6. FTIR spectrum of Ni-complex

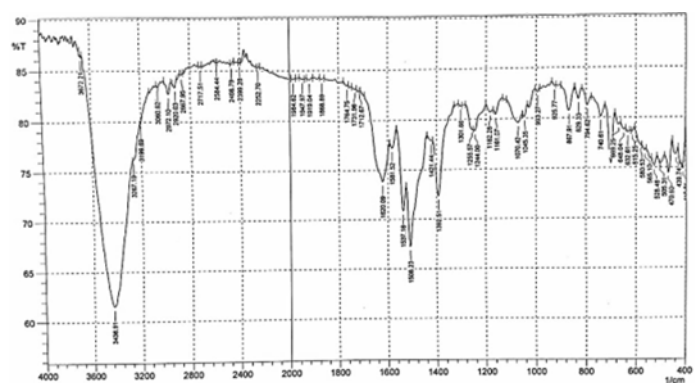


Fig S7. FTIR spectrum of Zn-complex

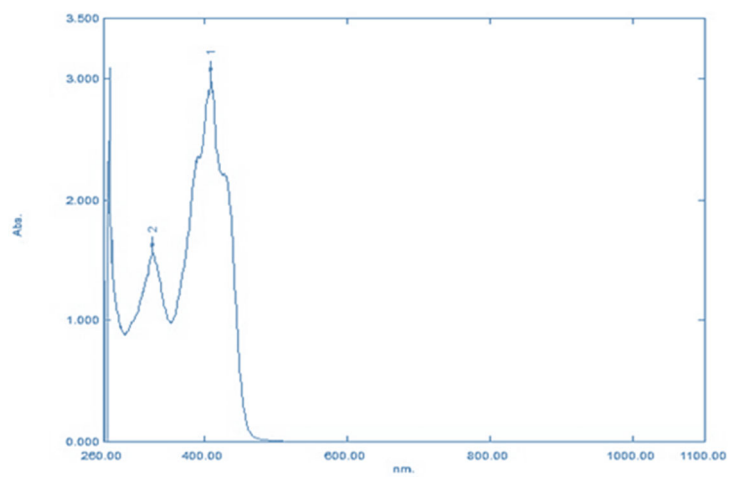


Fig S8. UV-vis spectrum of LH

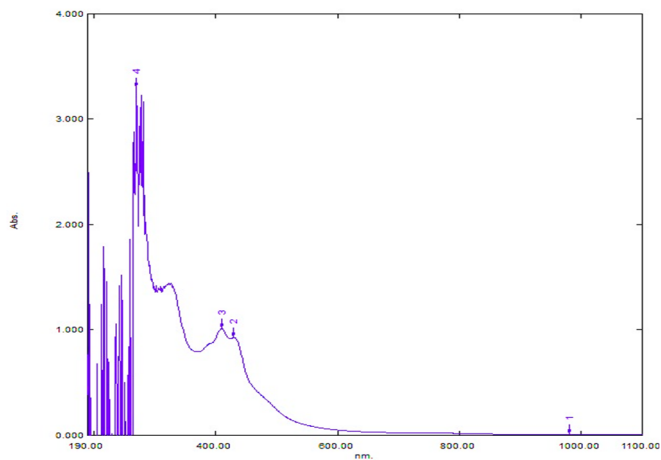


Fig S9. UV-vis spectrum of Co-LH

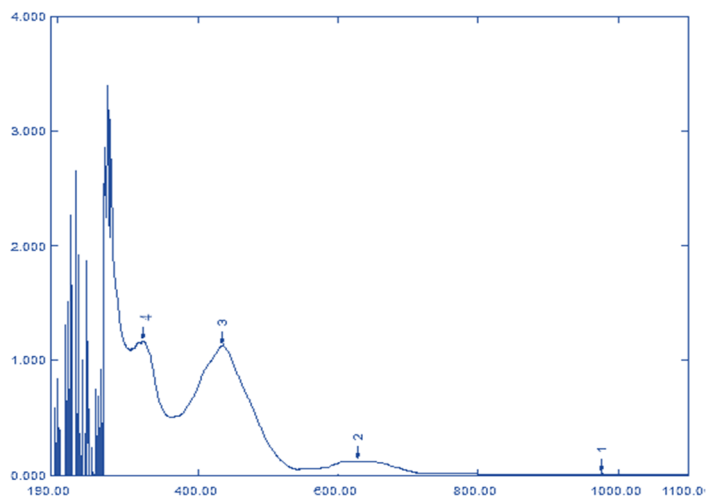


Fig S10. UV-vis spectrum of Ni-LH

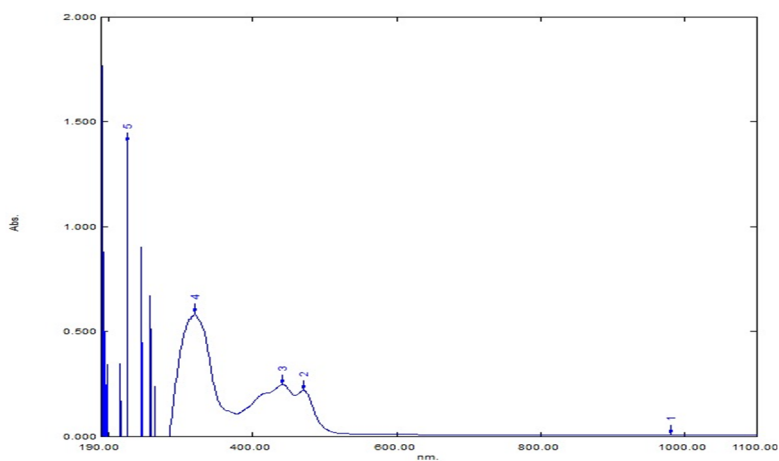


Fig S11. UV-vis spectrum of Zn-LH

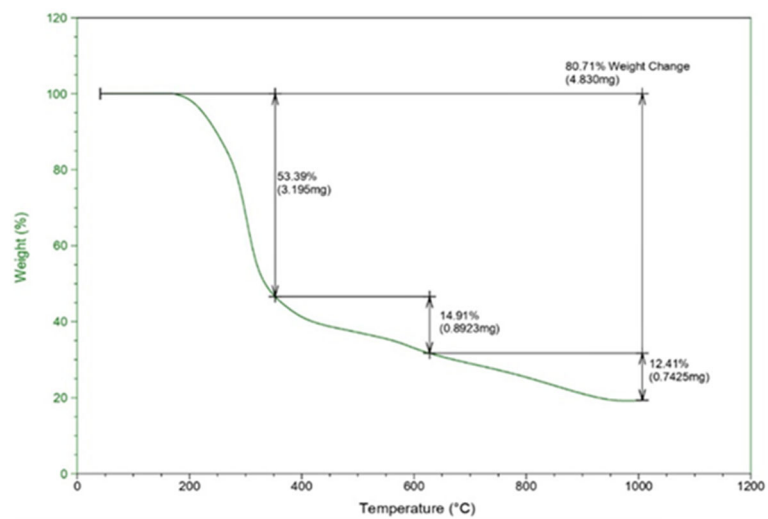


Fig S12. TGA curve of LH

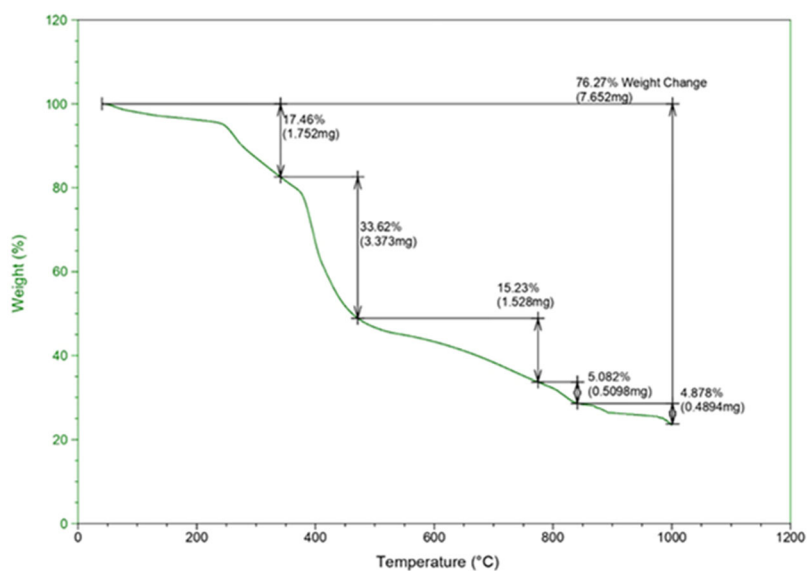


Fig S13. TGA curve of Co-complex

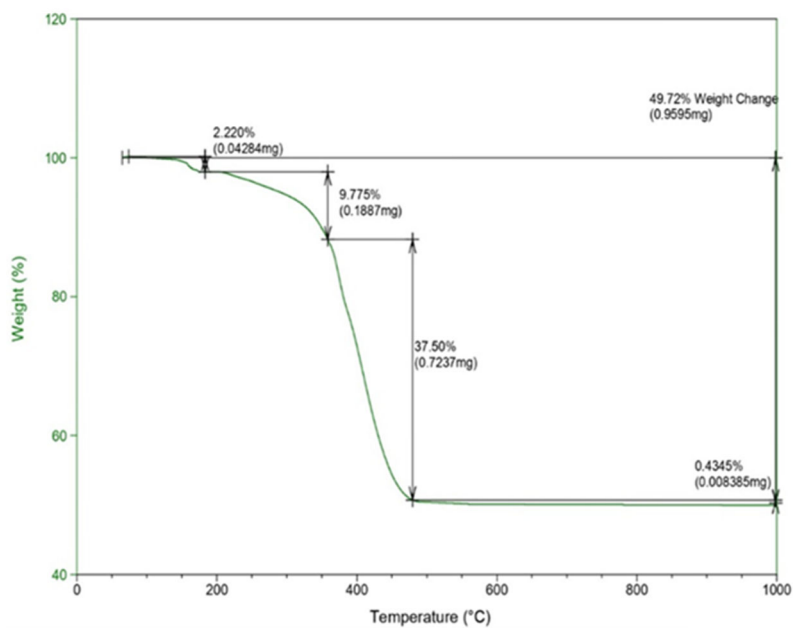


Fig S14. TGA curve of Ni-complex

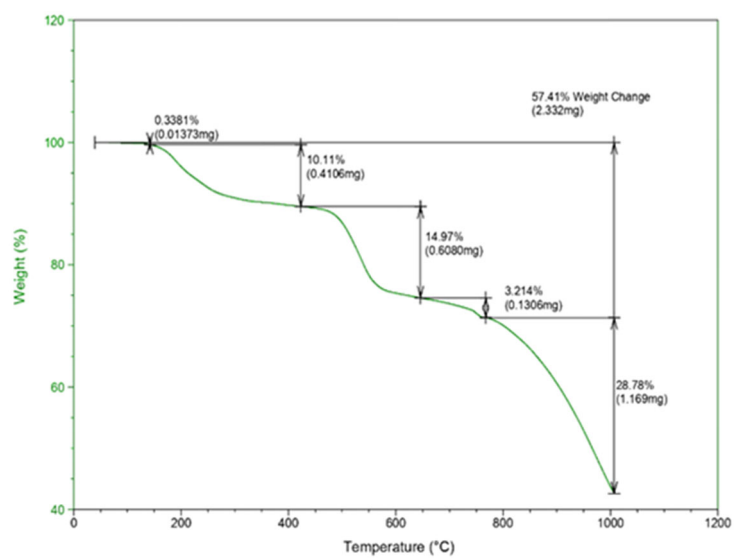


Fig S15. TGA curve of Zn-complex

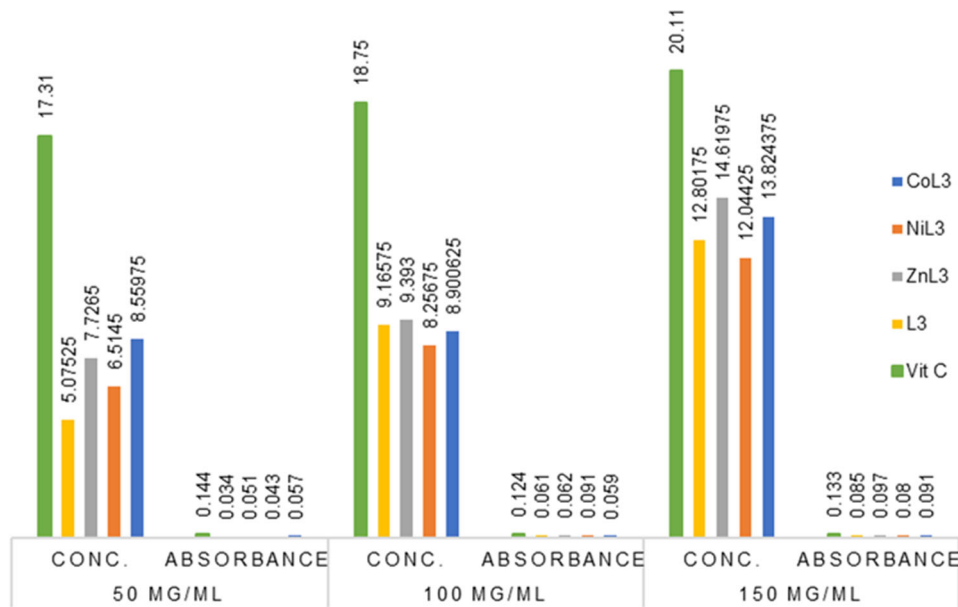


Fig S16. Total antioxidant capacity of the ligand and complexes in different concentrations

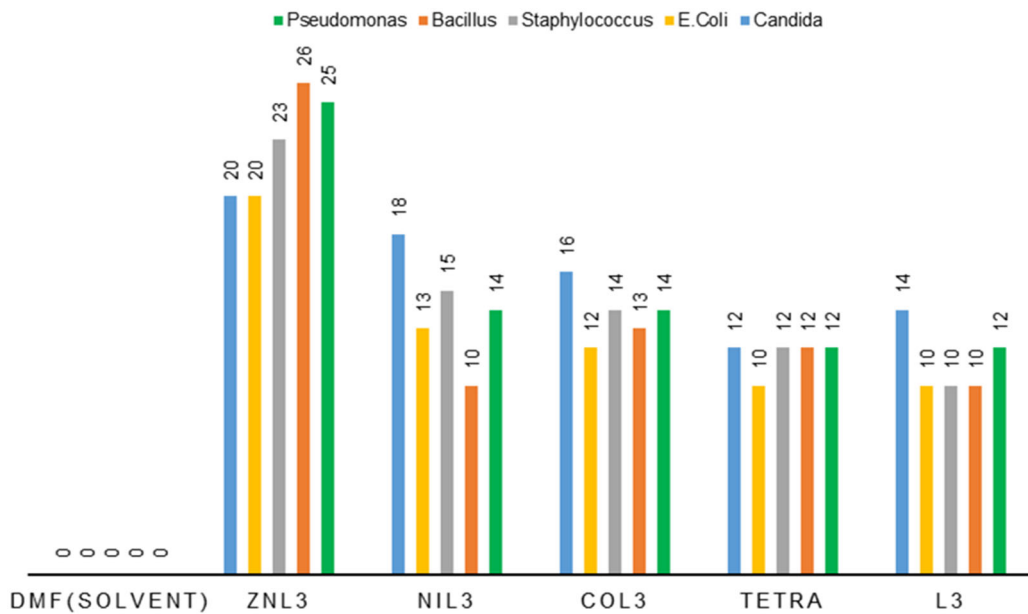


Fig S17. Antibacterial activity of the ligand and complexes