

## *Supplementary Information*

# Synthesis, characterization and antimicrobial activity of Schiff base ligand and metal complexes

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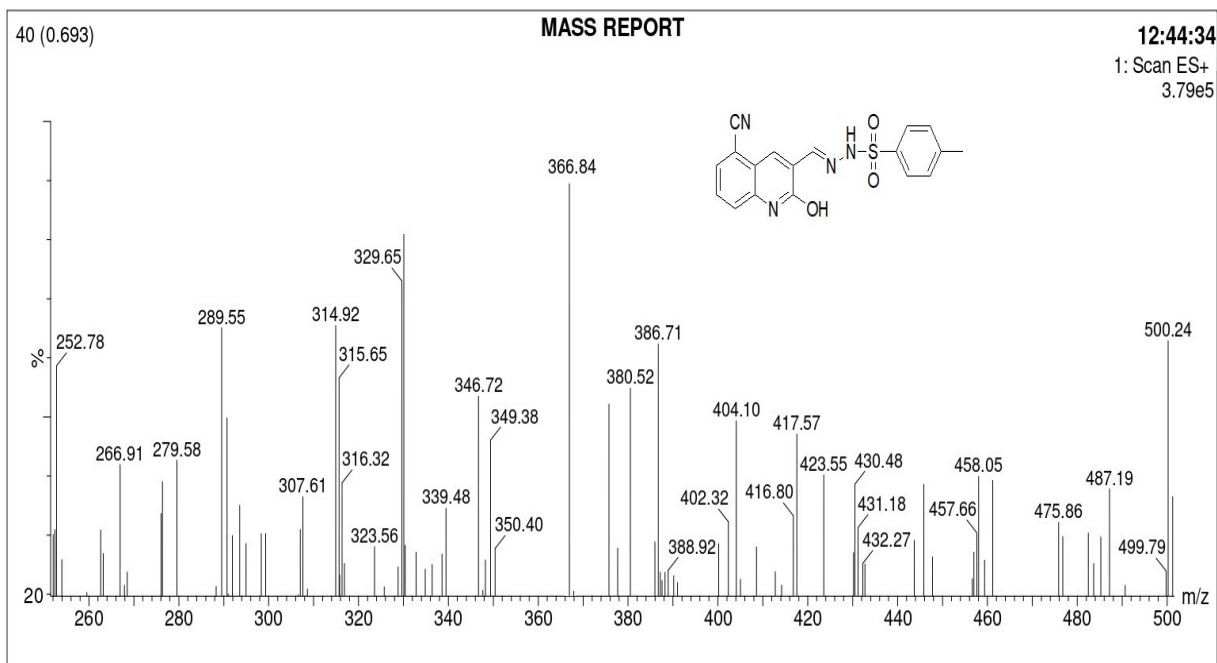


Figure S1 Mass spectra of Ligand

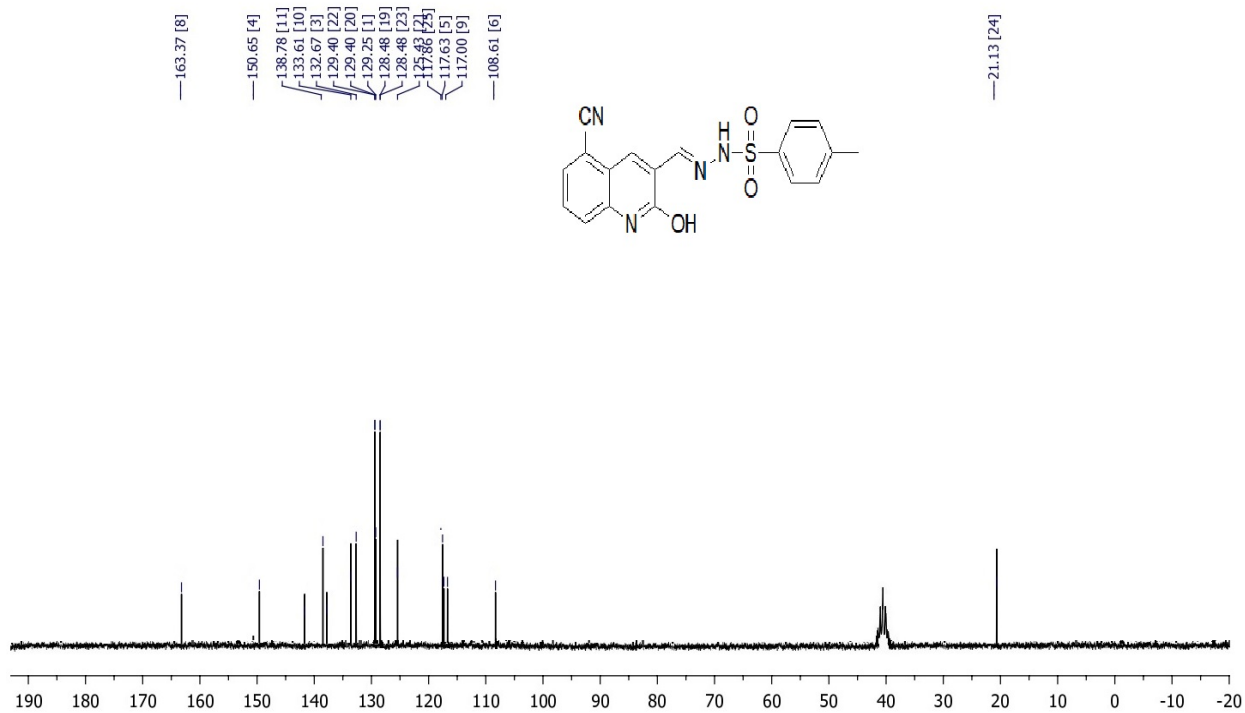


Figure S2 <sup>13</sup>C NMR spectra of Ligand

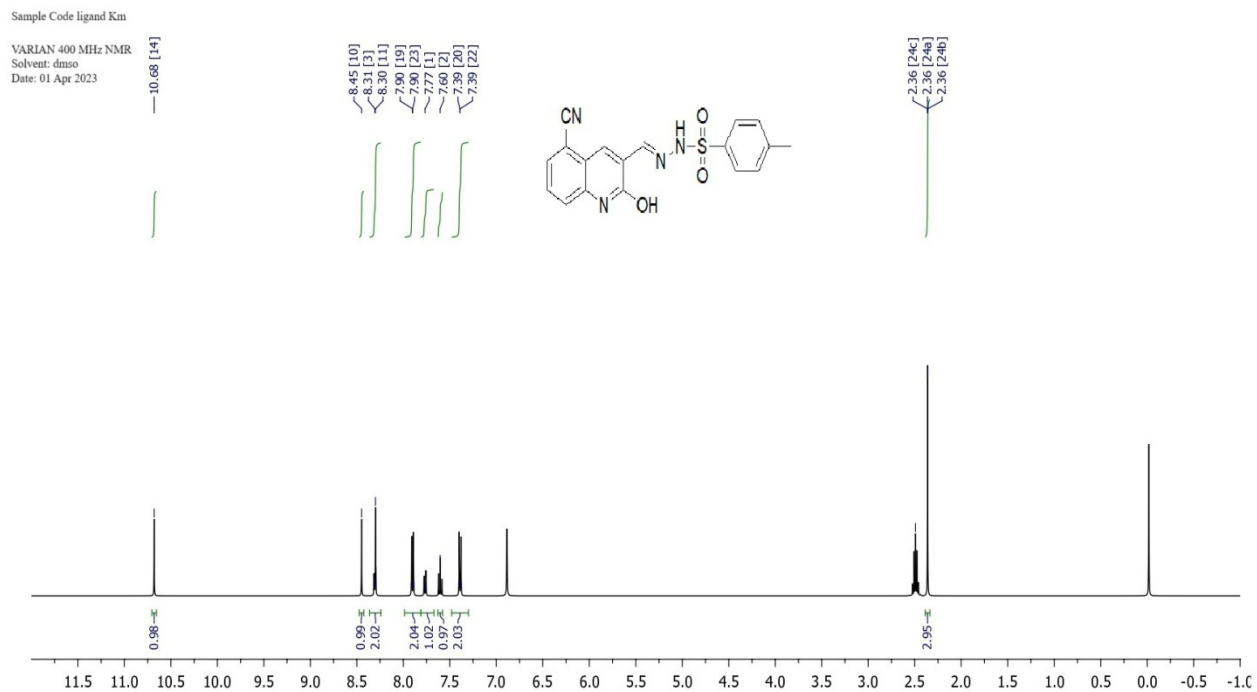


Figure S3  $^1\text{H}$  NMR spectra of Ligand

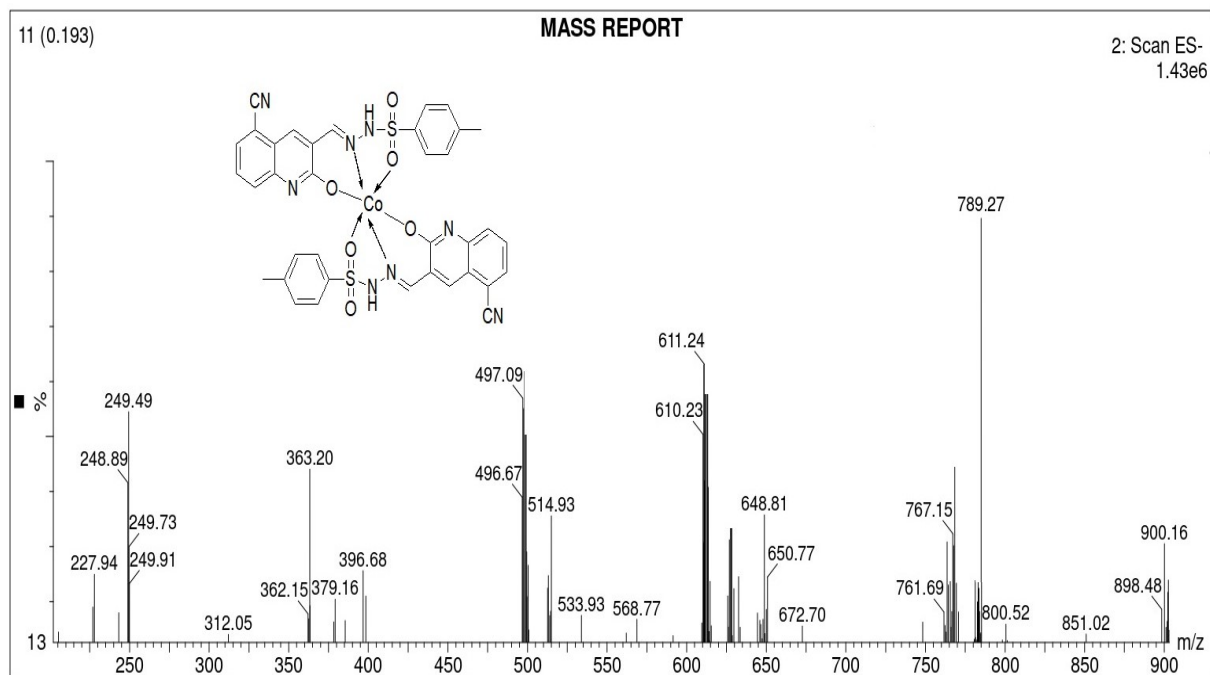


Figure S4 Mass spectra of complex Co(II)

Sample code Cu

VARIAN 400MHz NMR  
Solvent: dmsd  
Date: 02 May 2023

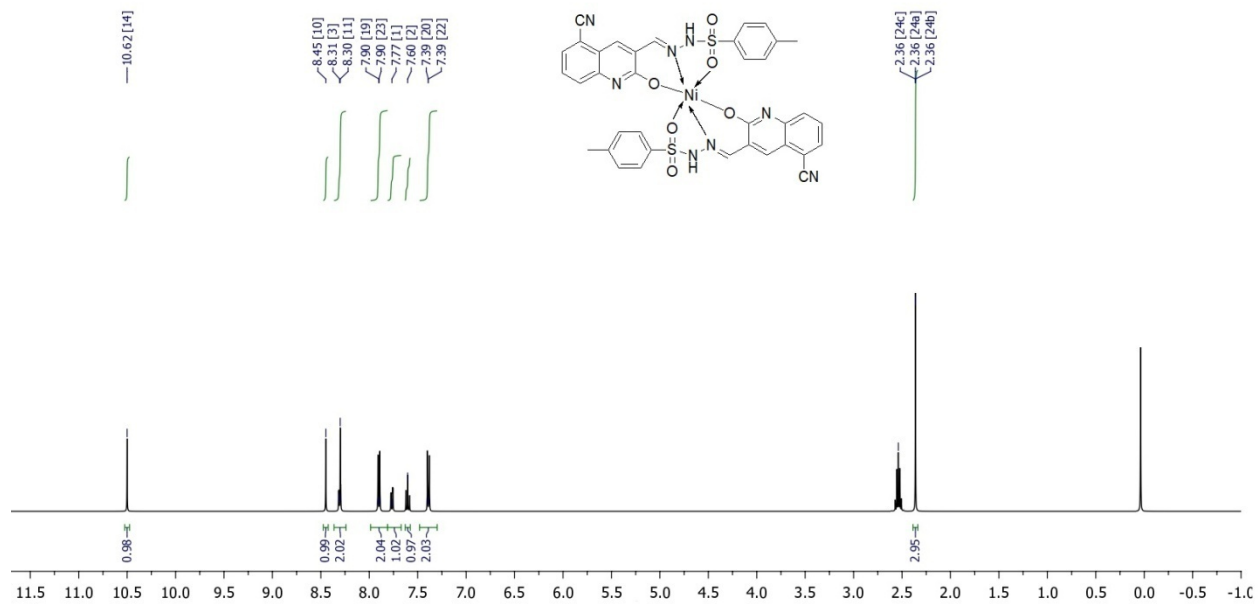


Figure S5  $^1\text{H}$  NMR spectra of complex Ni(II)

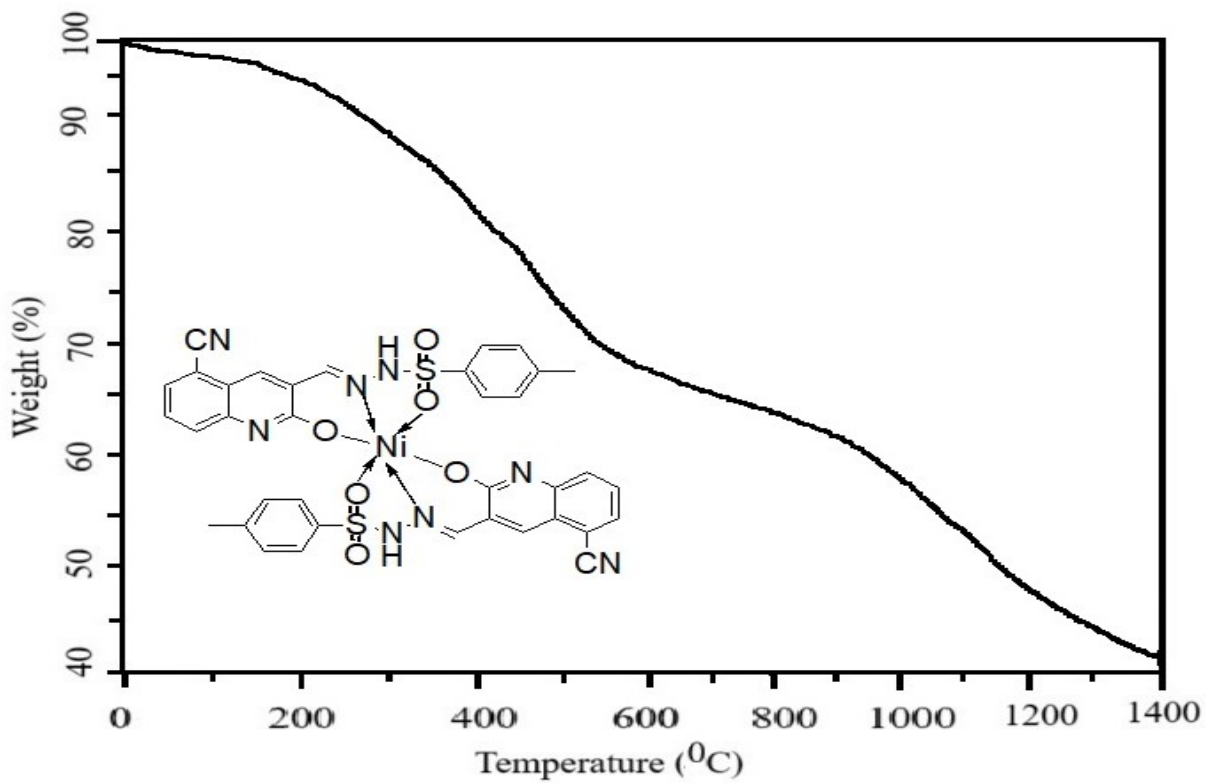


Figure S6 TGA of complex Ni(II)

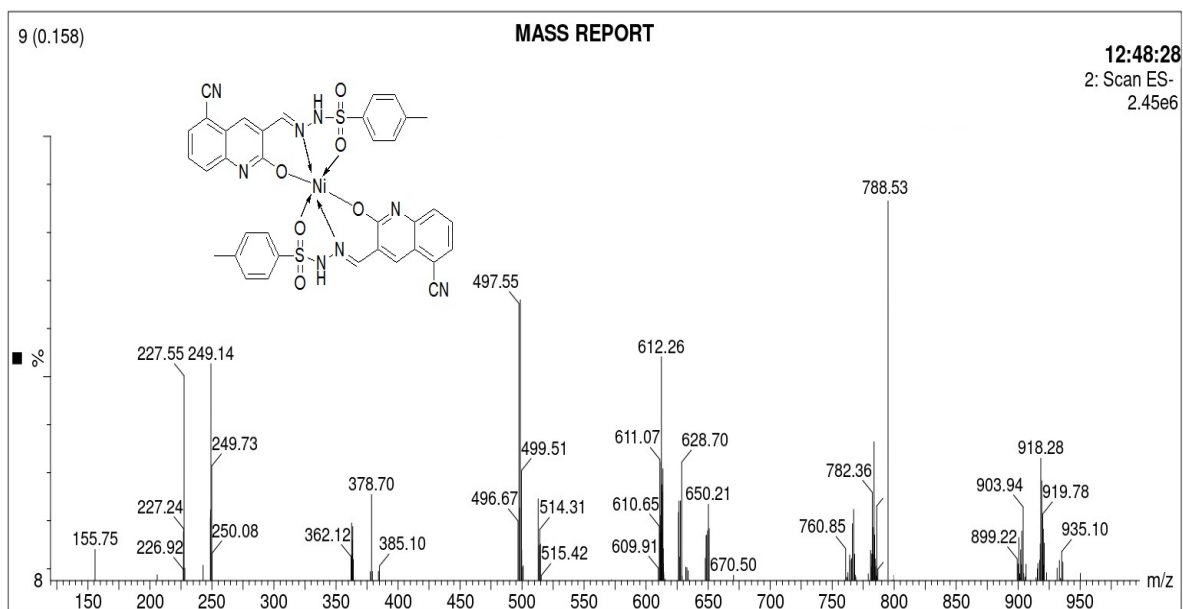


Figure S7 Mass of complex Ni(II)

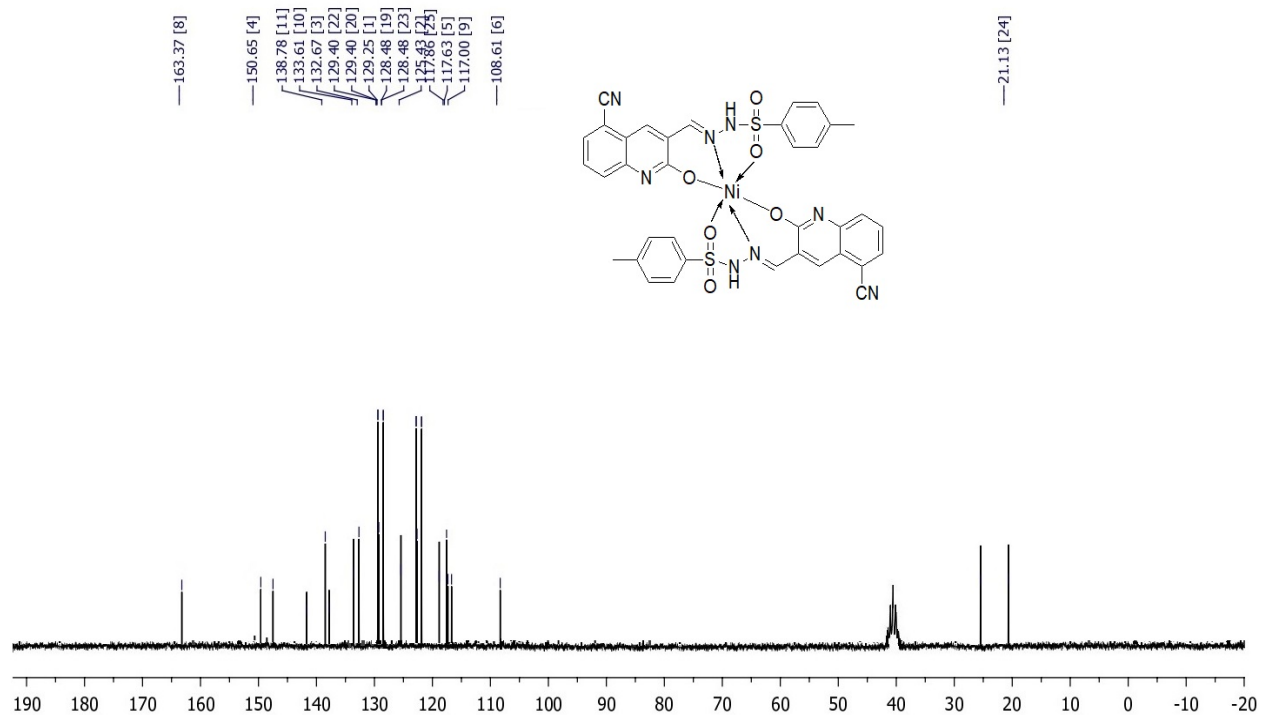


Figure S8 <sup>13</sup>C NMR of complex Ni(II)

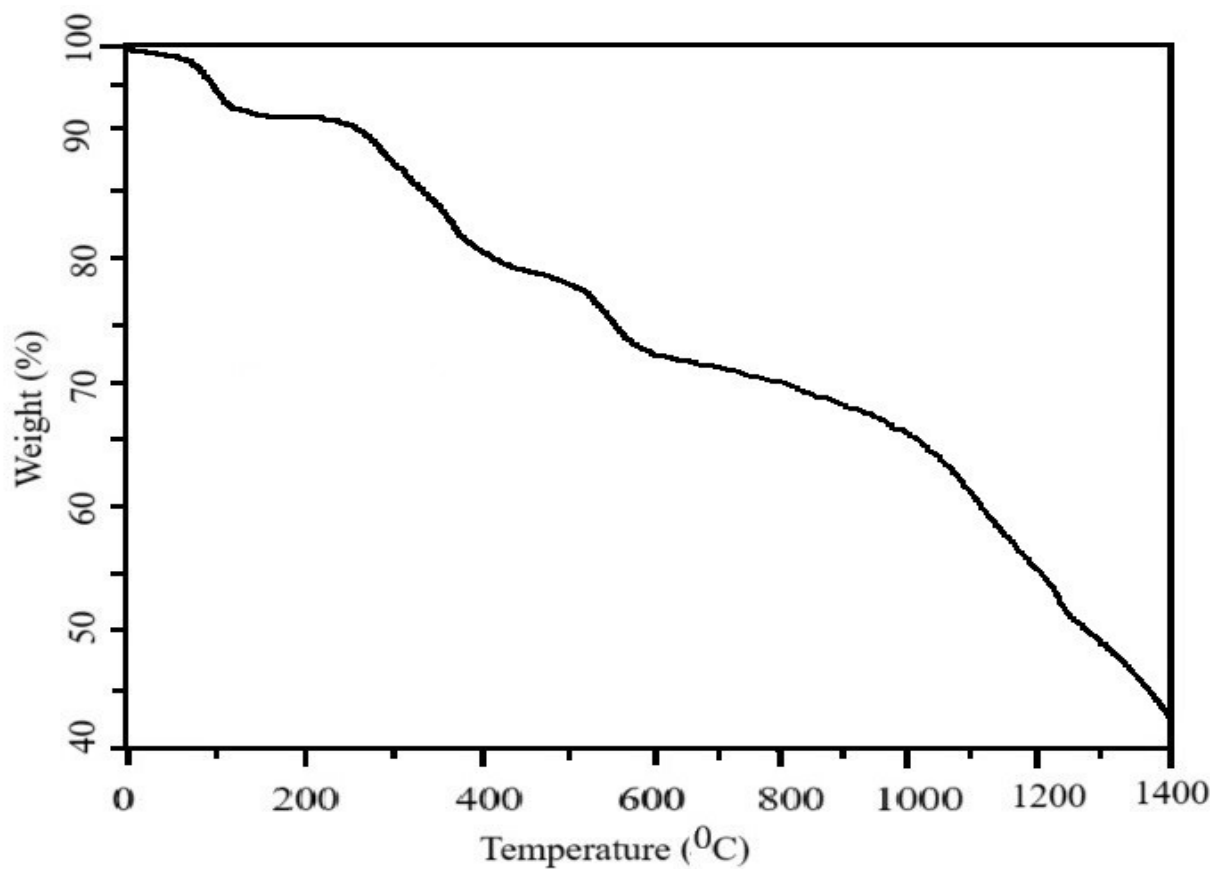


Figure S9 TGA of complex Cu(II)

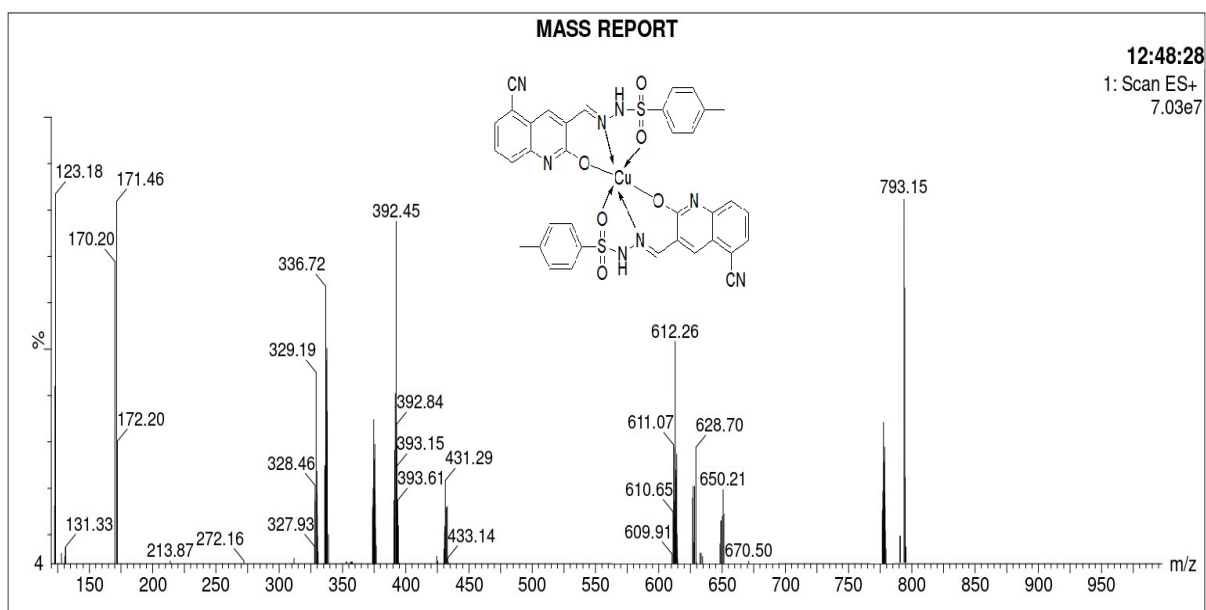


Figure S10 Mass of complex Cu(II)

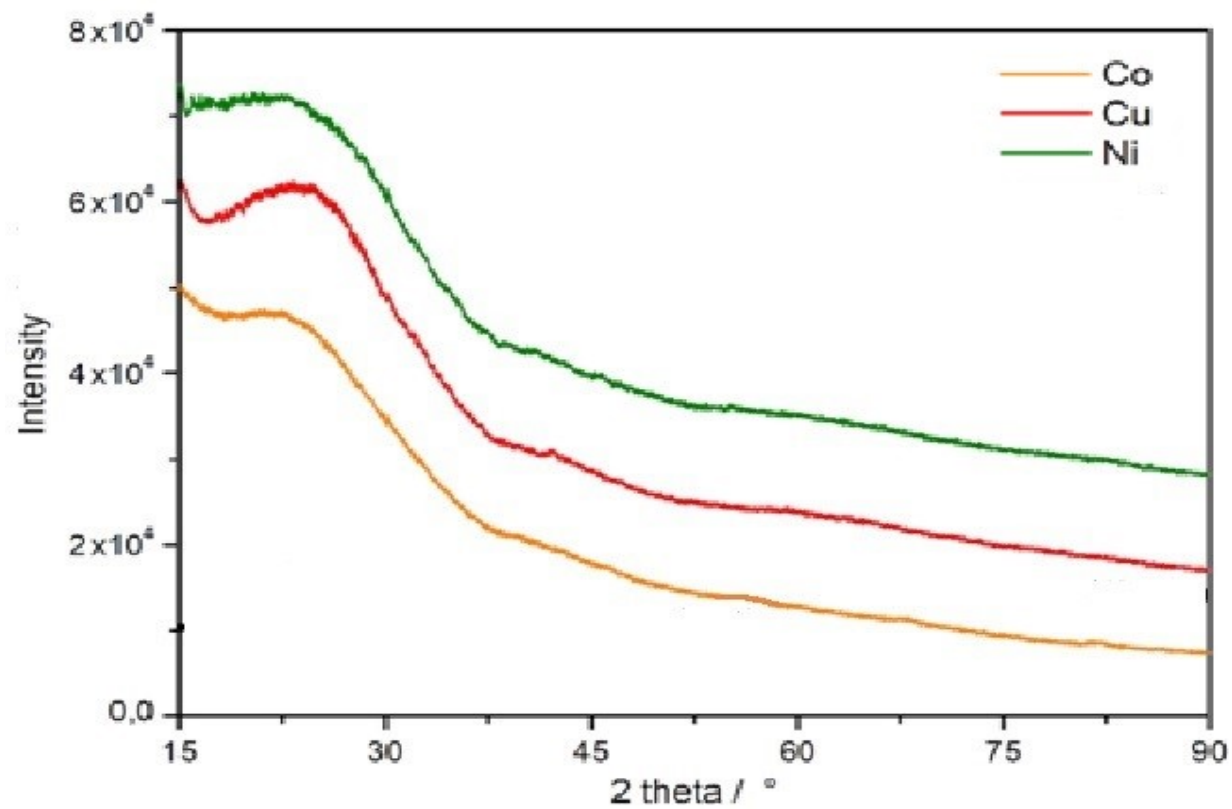


Figure S11 XRD of Metal complexes