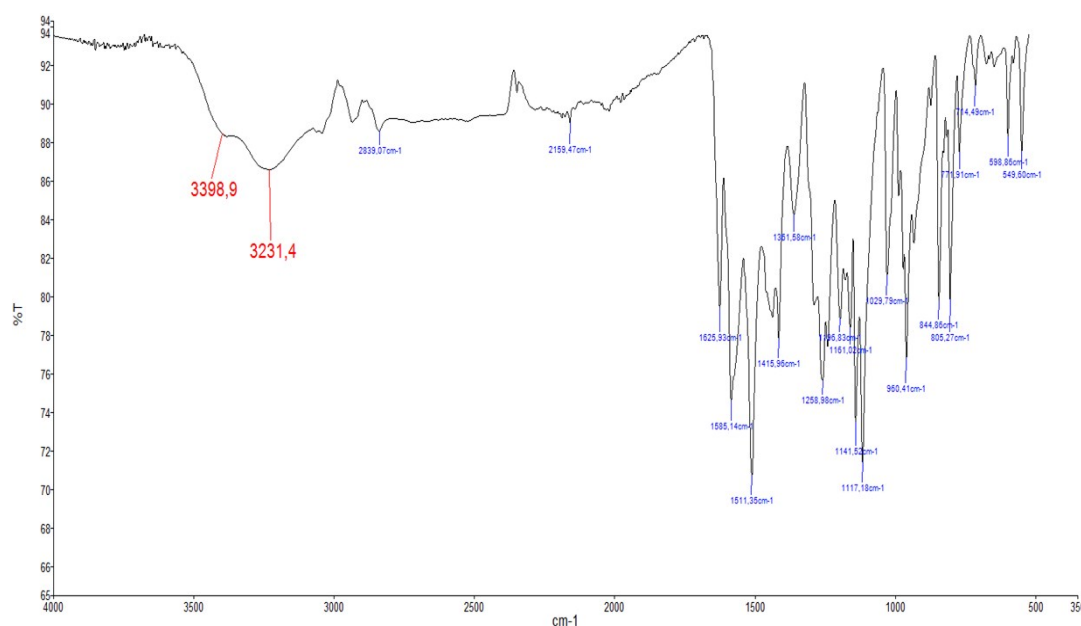
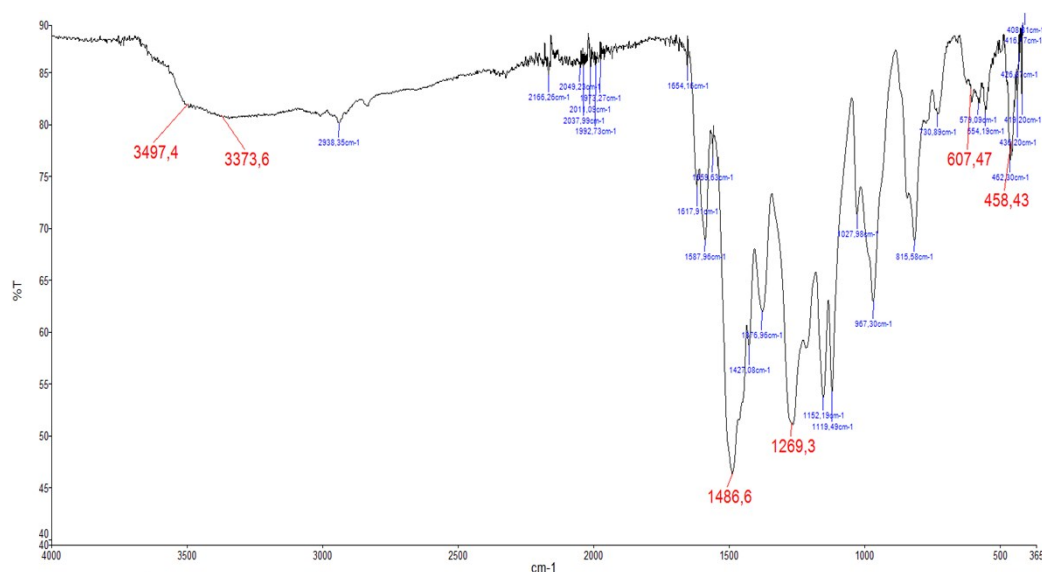


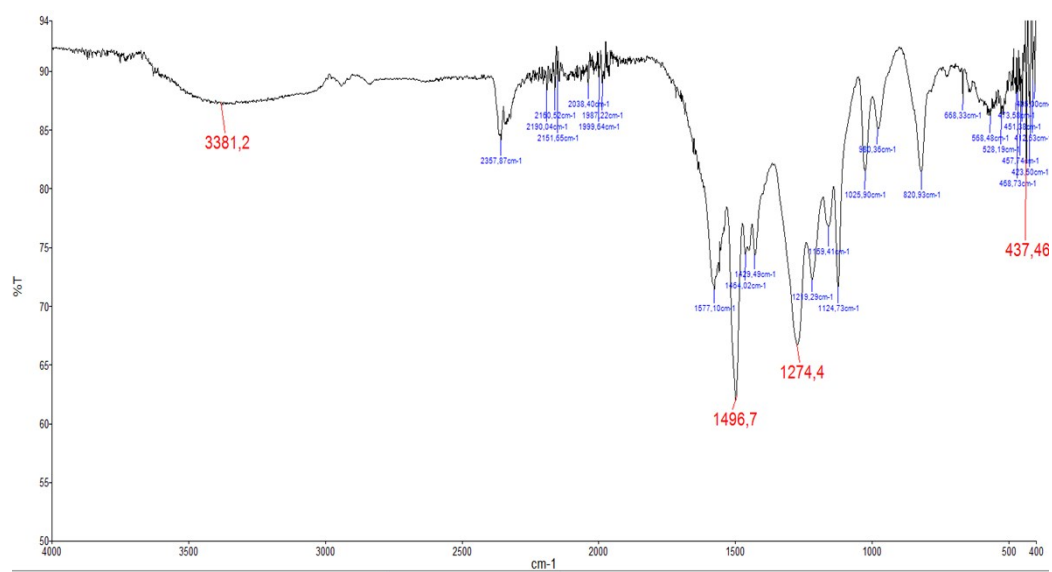
SUPPLEMENTARY FILE



S1. FT-IR spectra for curcumin



S2. FT-IR spectra for Fe complex



S3. FT-IR spectra for Mn complex