**Synthesis of PAMAM dendrimer and its derivative PAMOL: Determination of thermophysical properties by DFT**

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**IR, NMR Spectra of Dendrimers**

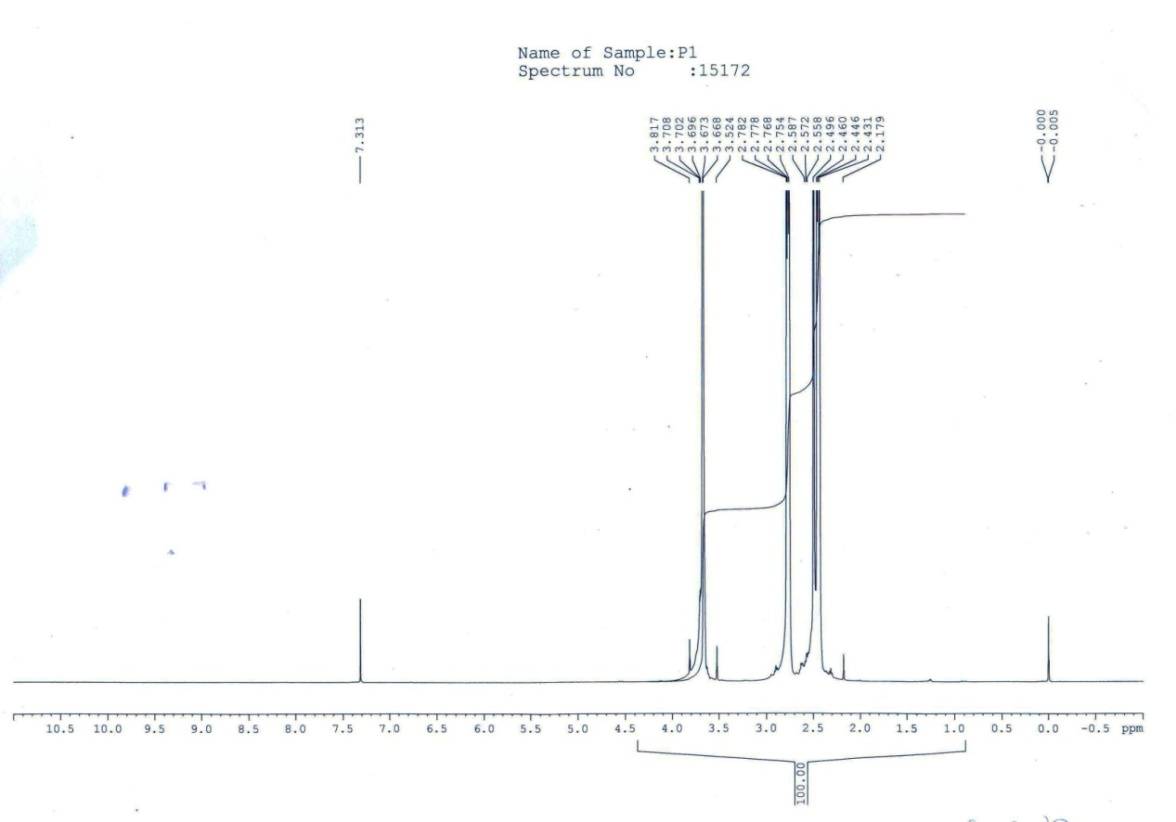


Fig. SI1

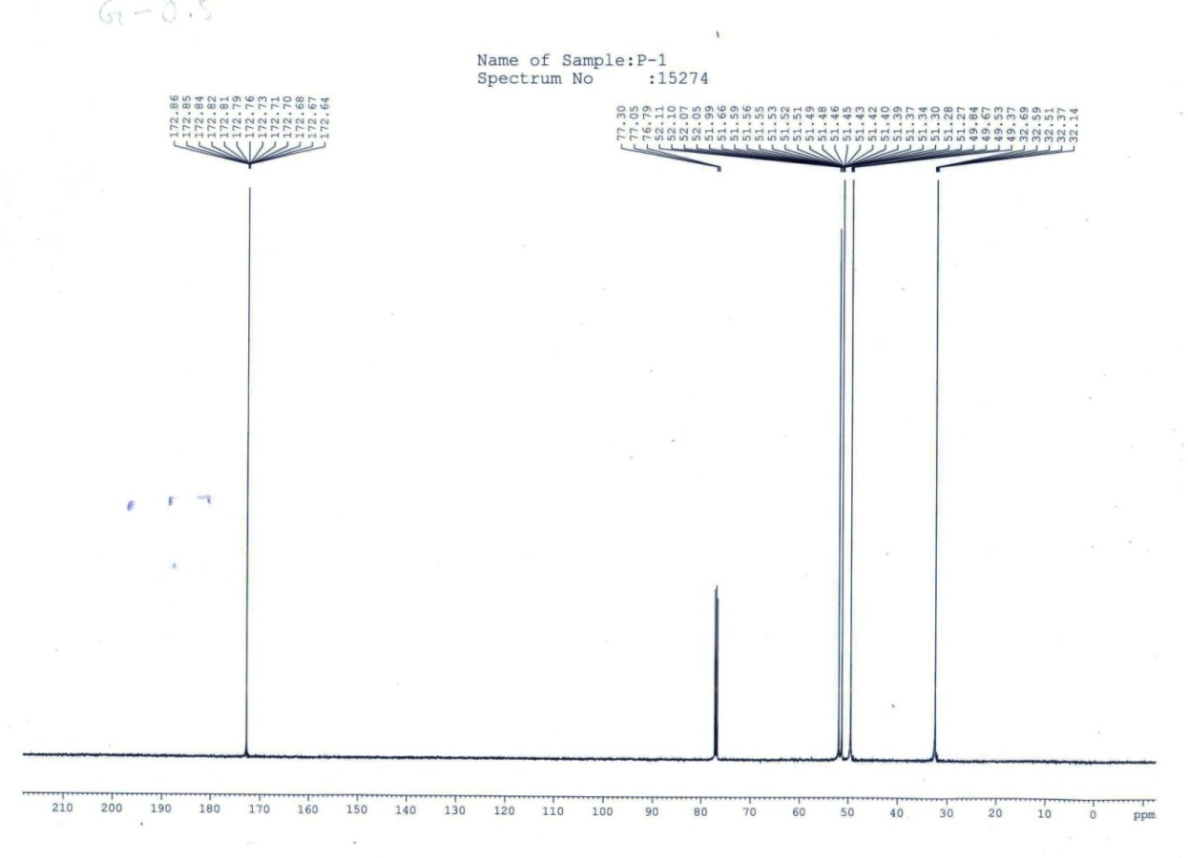


Fig. SI2

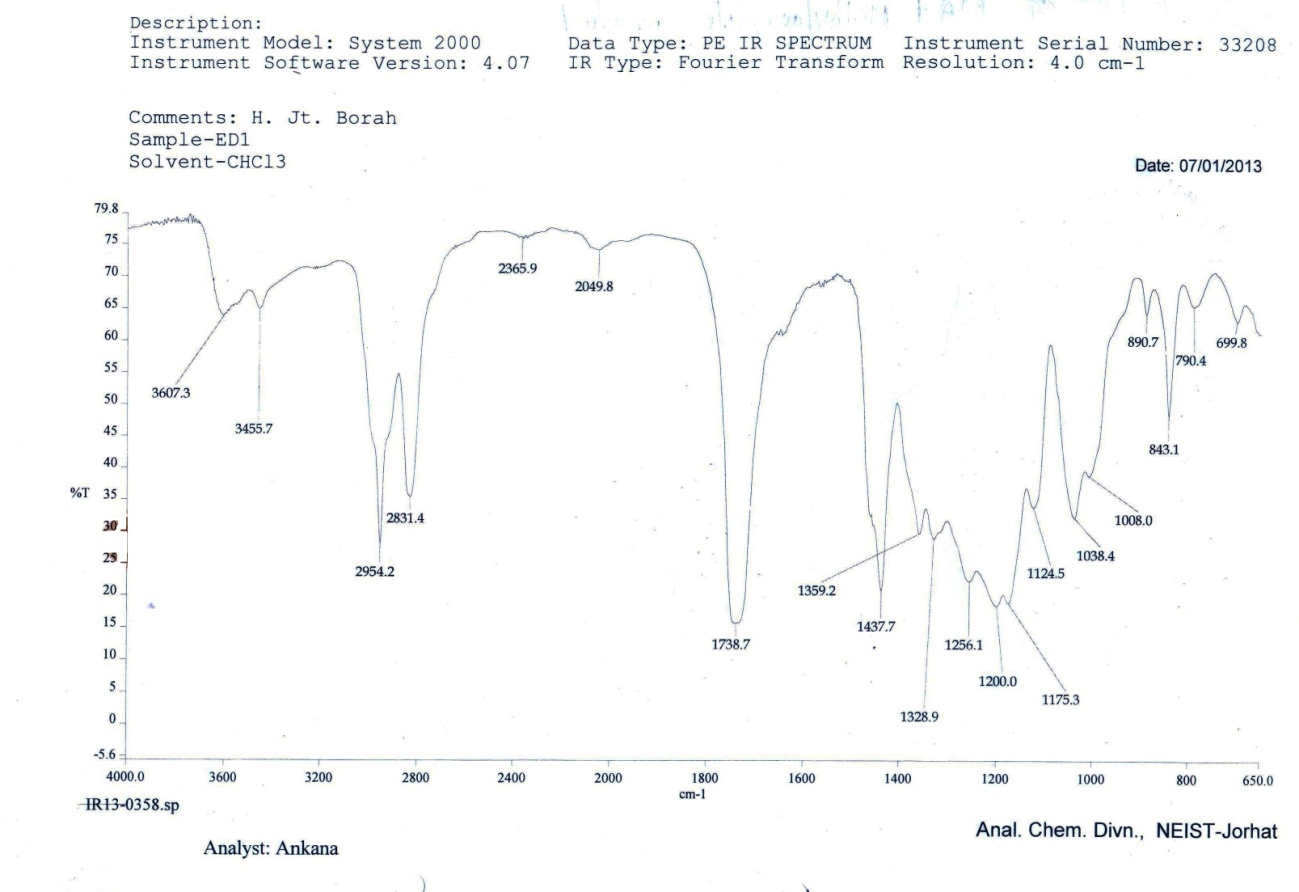


Fig. SI3

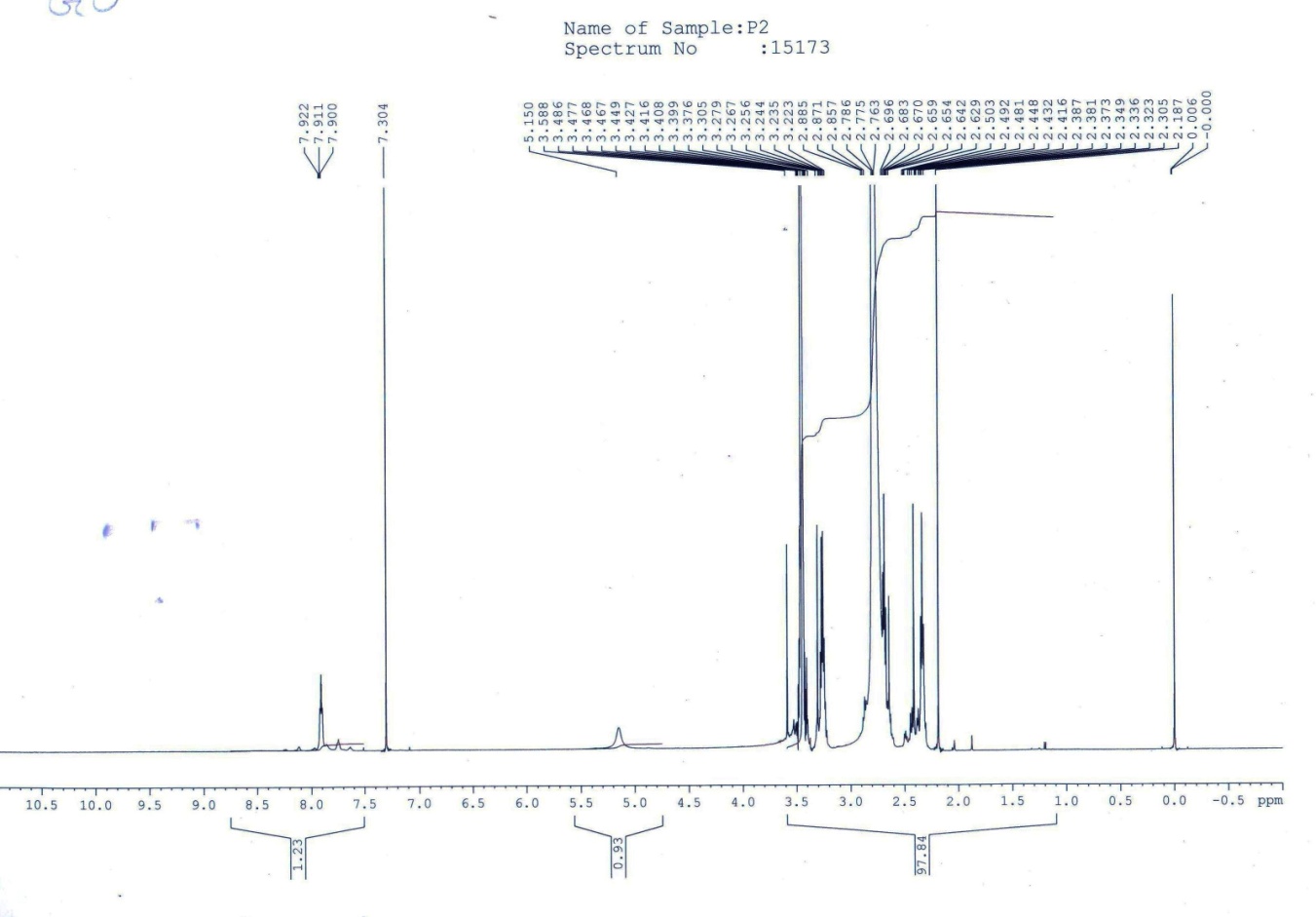


Fig. SI4

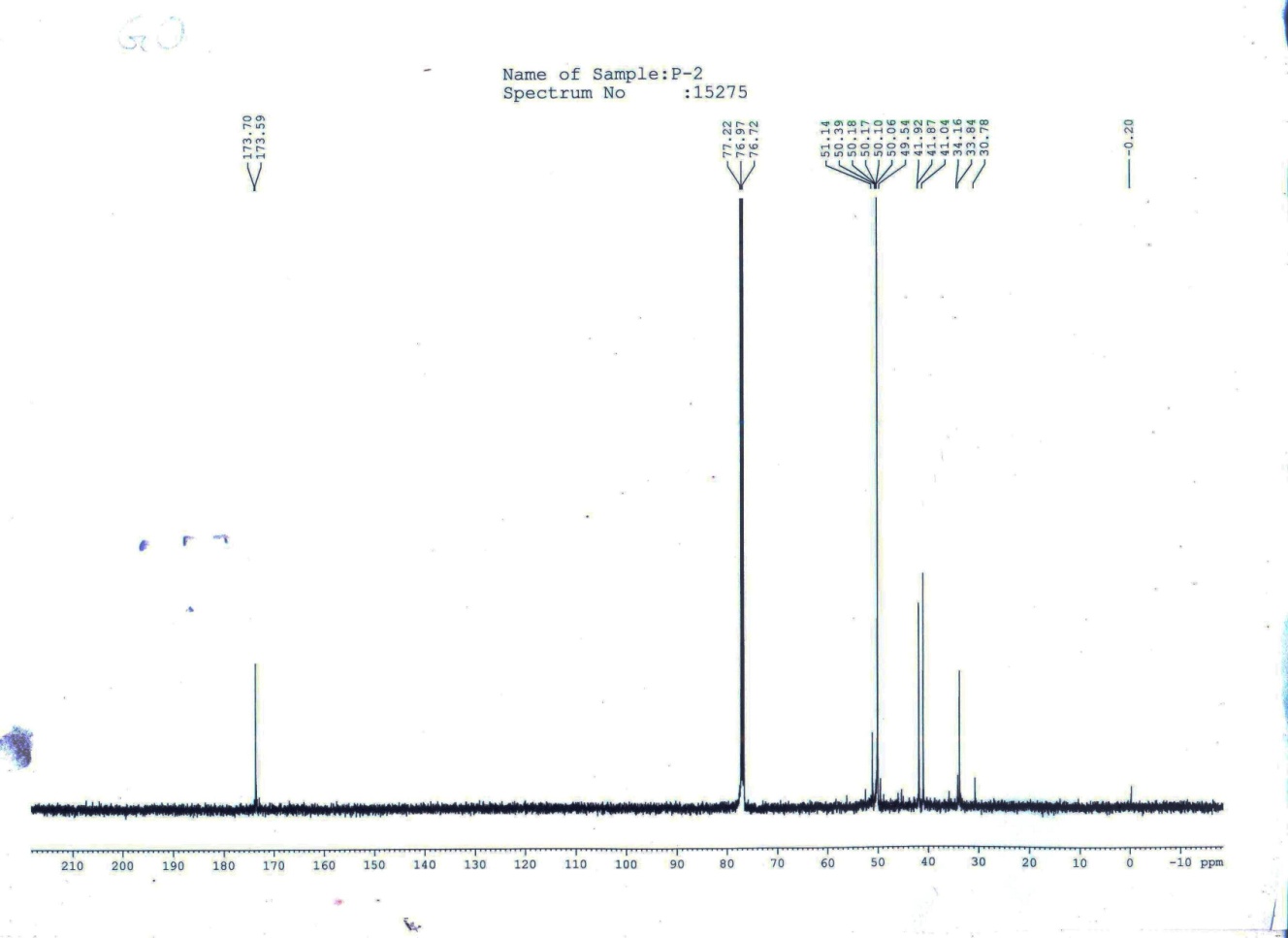


Fig. SI5

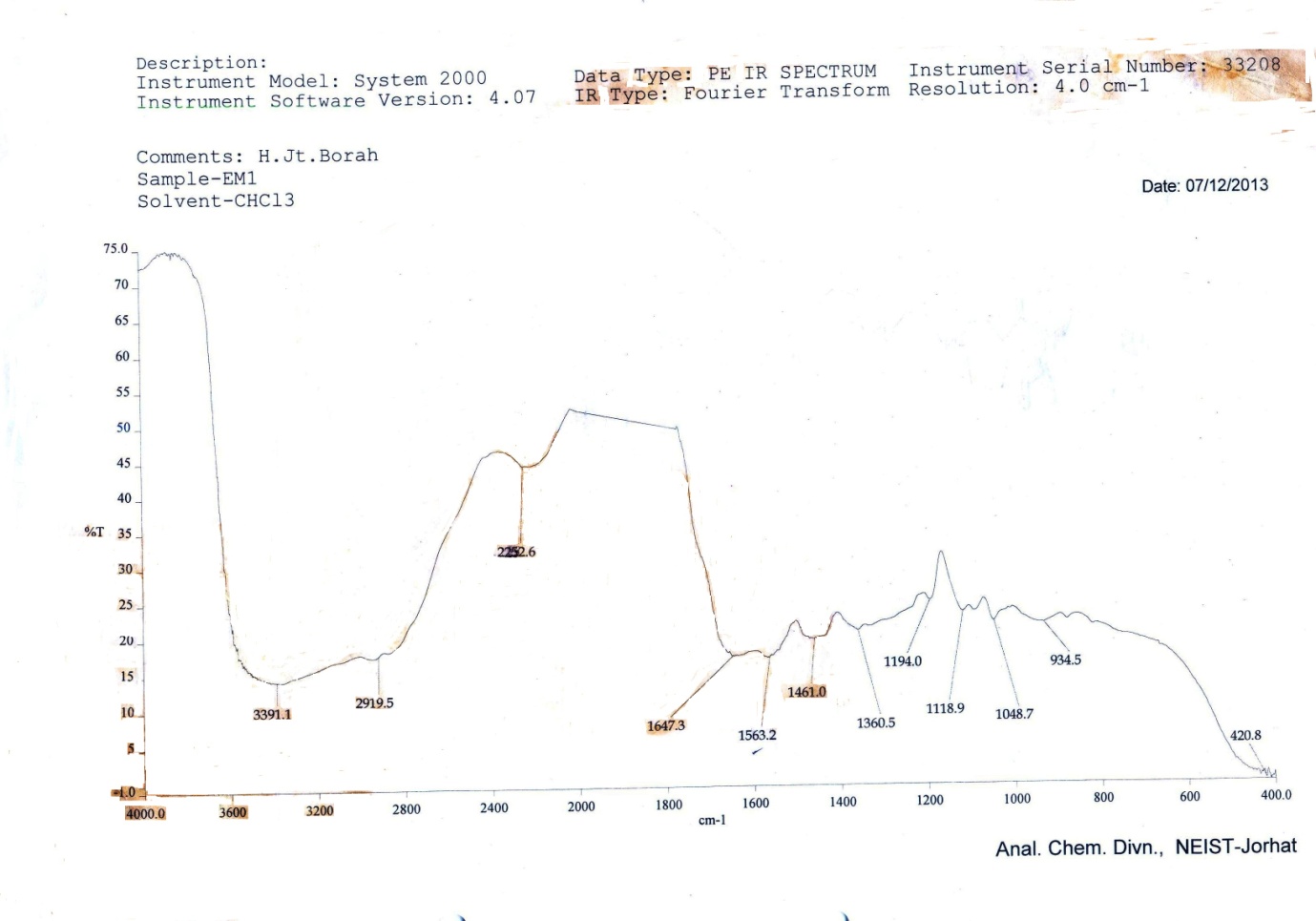


Fig. SI6

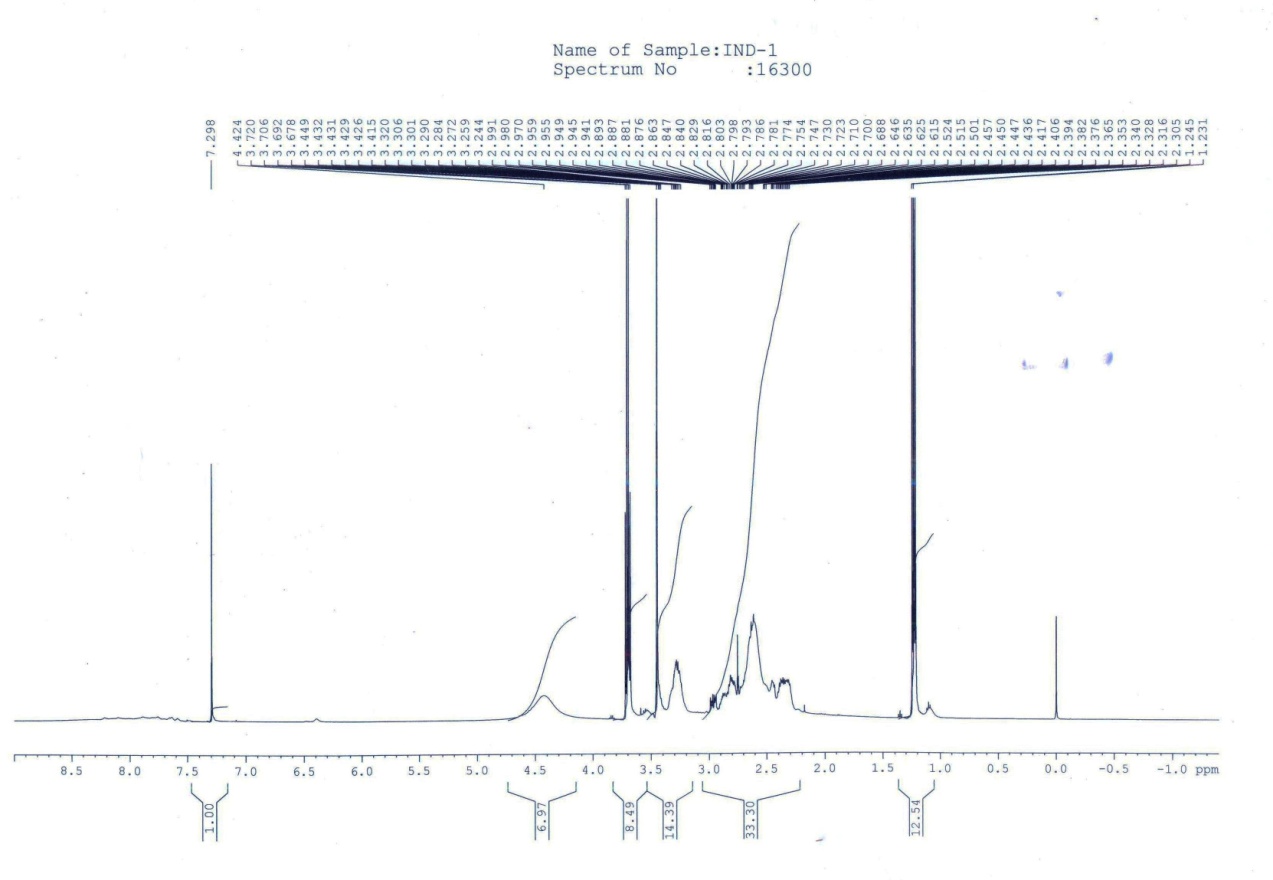


Fig. SI7

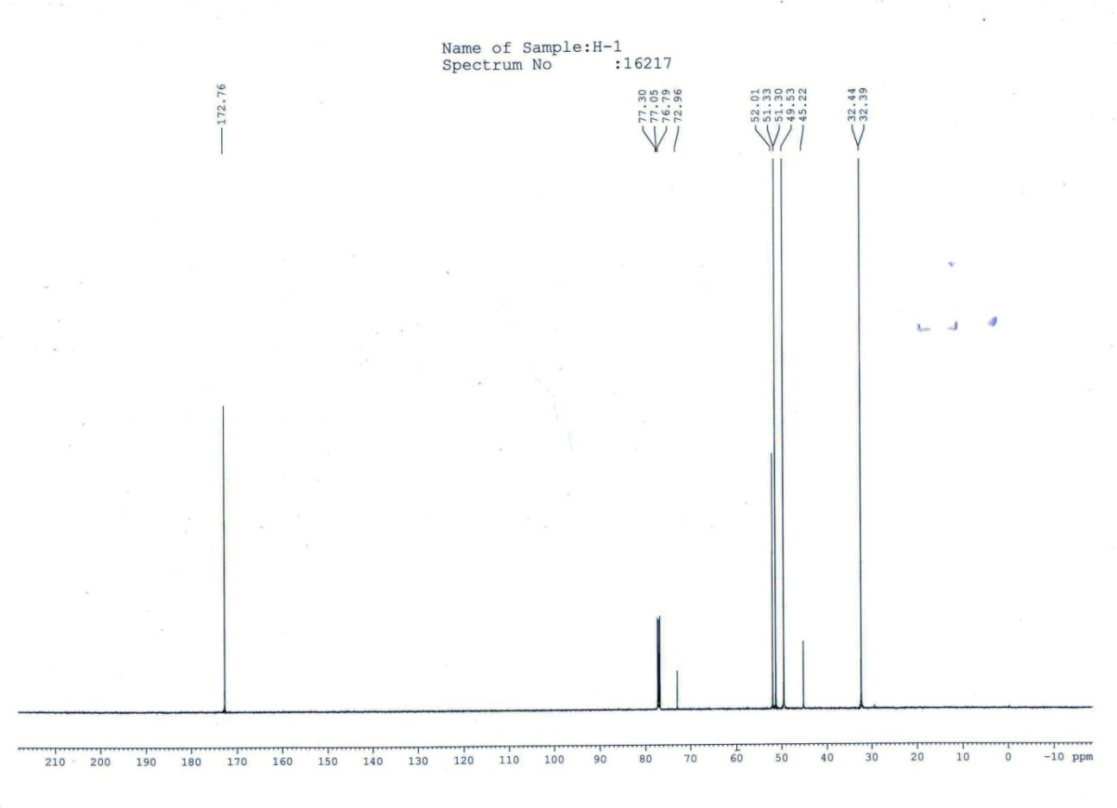


Fig. SI8

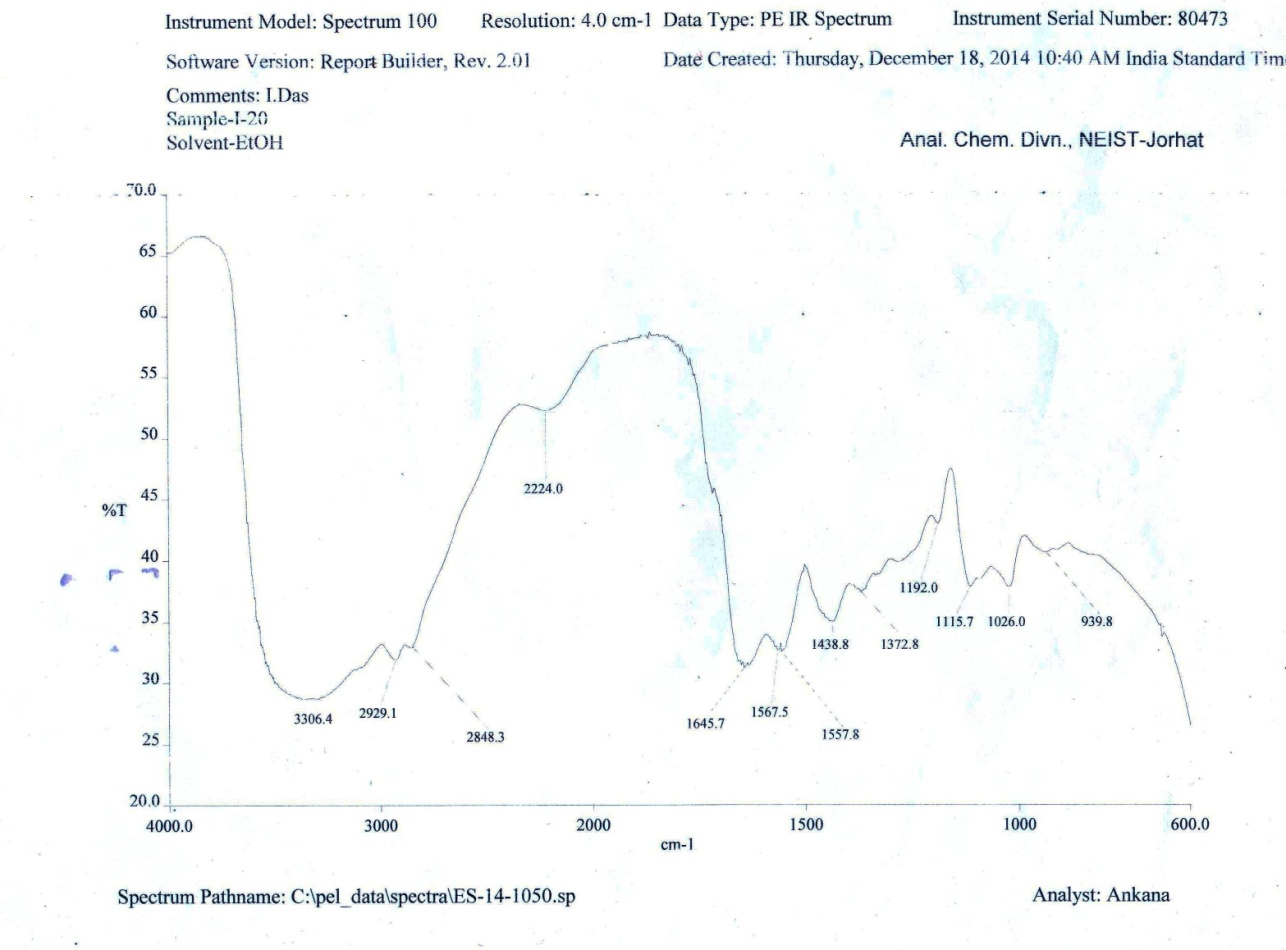


Fig. SI9