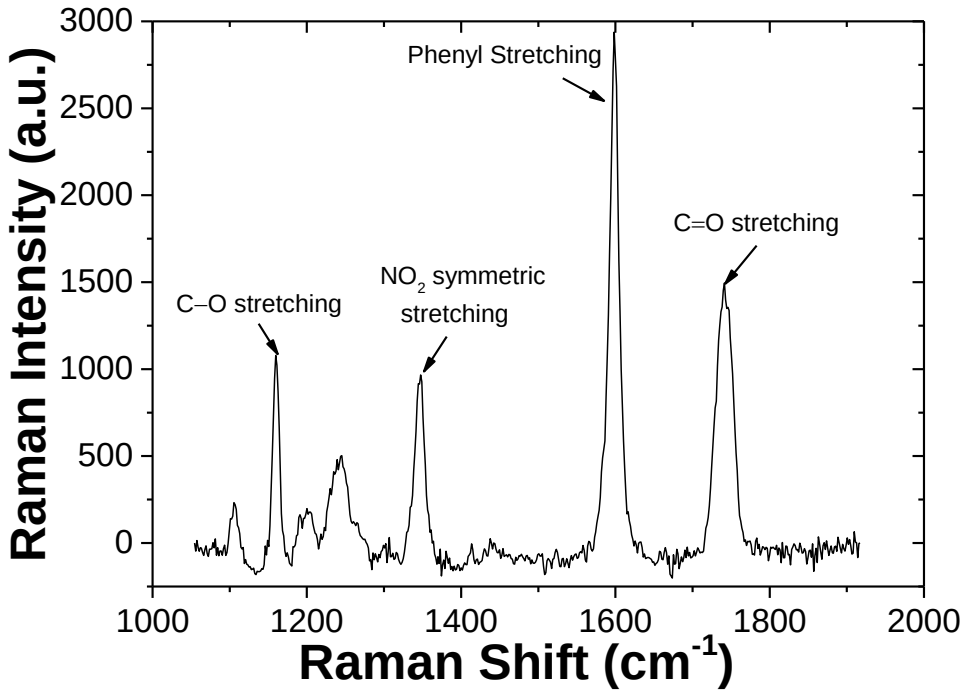

Fig. 5 The Raman spectrum of the compound under study showing peaks for C-O stretching ($1167\ cm^{-1}$), NO_2 symmetric stretching $(1360 - 1320)\ cm^{-1}$, phenyl stretching ($1606\ cm^{-1}$) and C=O stretching $(1750) cm^{-1}$. The strongest phenyl stretching mode at $\approx 1600\ cm^{-1}$ was used to determine the order parameters.