

TABLE I: Chandra et al

Assignment	peak (cm ⁻¹)	Reference
S-S	505	[8, 22]
Phe	620	[25]
Tyr	644	[25]
Trp - indole breathing (W18)	763	[26]
Trp- N ₁ H site vibration (W17)	877	[26]
Phe - ring breathing	1004	[8]
Trp - ring breathing	1015	[8]
Trp- indole ring (C-H deformation)	1338	[26]
Trp- W7 wagging	1356	[26]
$\delta(\text{CH}_2)$	1442	[25]
Glu- $\delta(\text{CH}_2)$	1449	[27]
Trp -indole ring stretching	1540	[26]
Trp -W2 mode	1568	[26]
Phe/Tyr	1598	[8]
Amide - I	1644	[8]