

Table 1S. The wavenumber limits and baseline points used for particular infrared bands.

Infrared band	Integrated spectral (cm⁻¹)	Baseline points (cm⁻¹)
Olefinic=CH	3020-2992	3100-2740
CH ₃ antisymmetric stretching	2976-2948	3100-2740
CH ₂ antisymmetric stretching	2940-2916	3100-2740
CH ₃ symmetric stretching	2880-2864	3100-2740
CH ₂ symmetric stretching	2864-2844	3100-2740
C-H region	2980-2830	3100-2740
Carbonyl (C = O) stretching	1764-1724	1850-1500
Amide I	1672-1636	1850-1500
Amide II	1560-1536	1850-1500