

Table 7 FT-IR Peak Values of mixture of methanol extract of *Curcuma amada* rhizome and *Tamarindus indica* leaf

Peak values (cm ⁻¹)	Functional groups
3300-3280, 1390-1330, 1260-1180	Ph-OH(Alcohols)
3000-2900, 1490-1430	Cyclohexyl (Alkanes)
3375-3325, 1638-1618, 1420-1400	R-CO-NH ₂ (Amides)
3100-2900, 1440-1395, 960-875	C=C-COOH(Carboxylic acids)
1300-1000, 1770-1720, 1740-1715	COO, C=C-COOR (Esters)
920-905	5-ring Ethers
1655-1635	C-(C=O)-Ph-βNH ₂ (Ketones)
1700-1600, 950-920, 3300-3100	C=N-OH(Oximes)
1285-1270, 870-840, 760-745, 710-690	R-O-NO (Nitrates)
1680-1600	(RCH=N-N=CHR) Azines
1650-1590, 3328-3250	RCH ₂ -NH ₂ Amines