**Table S2.** FTIR Peak assignment and functional groups in the methanol extract (ME) and chloroform extract (CE) of *Schefflera vinosa* leaves crude extract.

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| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Wavenumbers** **(cm-1)** | **ME** | **CE** | **Relevant Chemical Compounds** | **Biological activity** |
| 1. | 667 | N-H  | N-H  | Proteins, Primary and secondary amines | Antiseptic, Propellants, Fumigants |
| 2. | 1048 | O-H  |  | Aromatic compound | Refrigerant, Propellent |
| 4. | 1117 |  | C-O, C-N, C-H | Aliphatic, aromatic ether, and phenol compounds | Common goods, Alcohol, Amino acids component |
| 5. | 1160 | C-O, C-N, C-H |  | Aliphatic compound, aromatic ether, and phenol | Common goods, Alcohol, Amino acid components. |
| 6. | 1220 | C-O, C-N, C-H |  | Aliphatic compound, aromatic ether, and phenol | Common goods, Alcohol Amino acids component |
| 7. | 1276 |  | C-O, C-N, C-H | Aliphatic, Aromatic, Ether, Phenol | Amino acid, Common goods |
| 8. | 1290 | C-O, C-N, C-H |  | Aliphatic, Aromatic, Ether, Phenol | Amino acid components, Common goods |
| 9. | 1373 | C-O,C-H, C-N |  | Aliphatic, Aromatic, Ether, Phenol | Amino acid, Common goods |
| 10 | 1456 |  | C-H, O-H | Aliphatic compoundPhenolic group, Methyl methylene | Antiseptic, Plant defense and Disinfectants |
| 11. | 1469 | C-H, O-H |  | Aliphatic compound Phenolic group, Methyl-methylene | Antiseptic, Plant defense, Disinfectants |
| 12. | 1705 |  | C=O | Aldehyde and Carbonyl compound | Fumigates, Insecticide, Fungicide |
| 13. | 1719 | C=O  |  | Aldehyde and Carbonyl compound | Fumigates, Insecticide, Fungicides |
| 14. | 2127 | C≡C |  | Aliphatic compounds Alkyne group | Disinfectant, Fragrance,  |
| 15. | 2368 |  | C-O-H | Protein, Unsaturated fatty acids | Common goods, Perfume  |
| 16. | 2825 |  | C-H, O-H | Aliphatic and Aromatic compound | Defense, Disinfectant |
| 17. | 2860 | C-H, O-H |  | Aliphatic and Aromatic compound | Antiseptic, Plant Defense, Disinfectants |
| 18. | 3330 |  | N-H, O-H  | Primary and secondary amines, Protein, Aromatic compound | Amino acid components |
| 19. | 3420 | N-H, O-H |  | Aromatic compound, Primary and secondary amines, Protein | Amino acid components |