**Supplementary materials**

**Cost-effective and eco-friendly synthesis oftitanium dioxide (TiO2) nanoparticles using fruit’s peel agro-waste extracts: Characterization, In vitro Antibacterial, Antioxidant activities**

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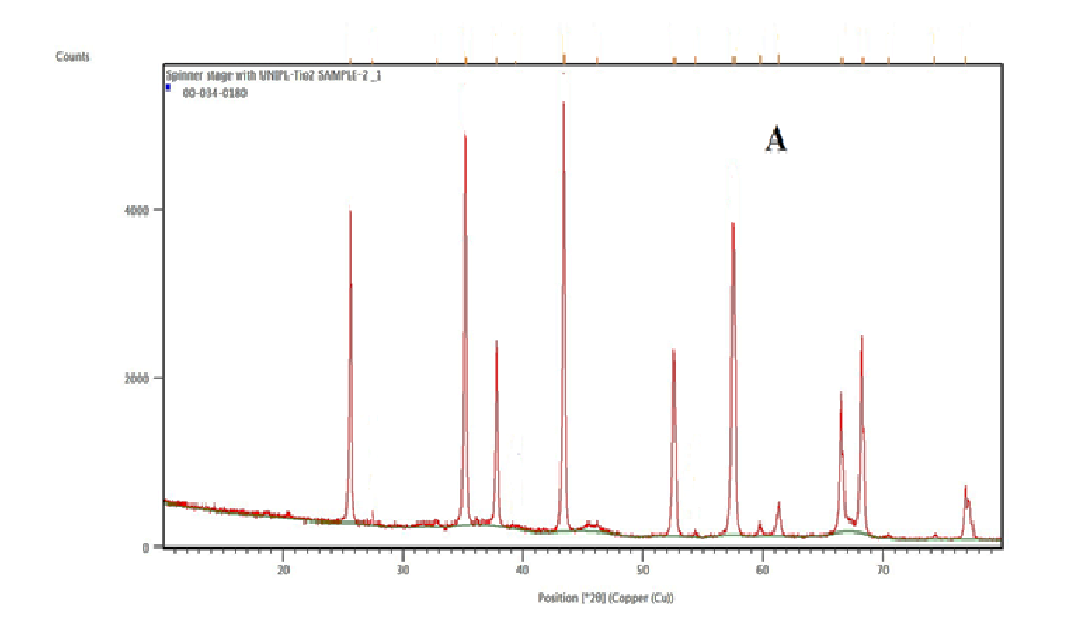
*cDepartment of Pharmaceutical Chemistry, College of Pharmacy, Prince Sattam Bin Abdulaziz University, PO Box 173, Alkharj 11942, Kingdom of Saudi Arabia.*

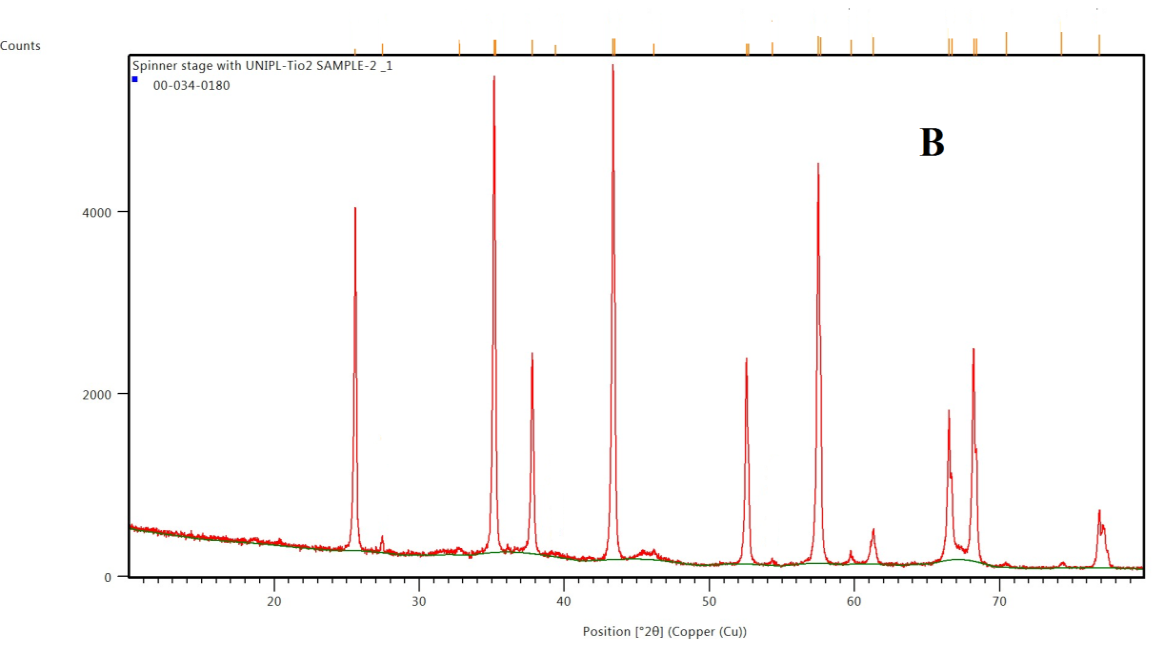
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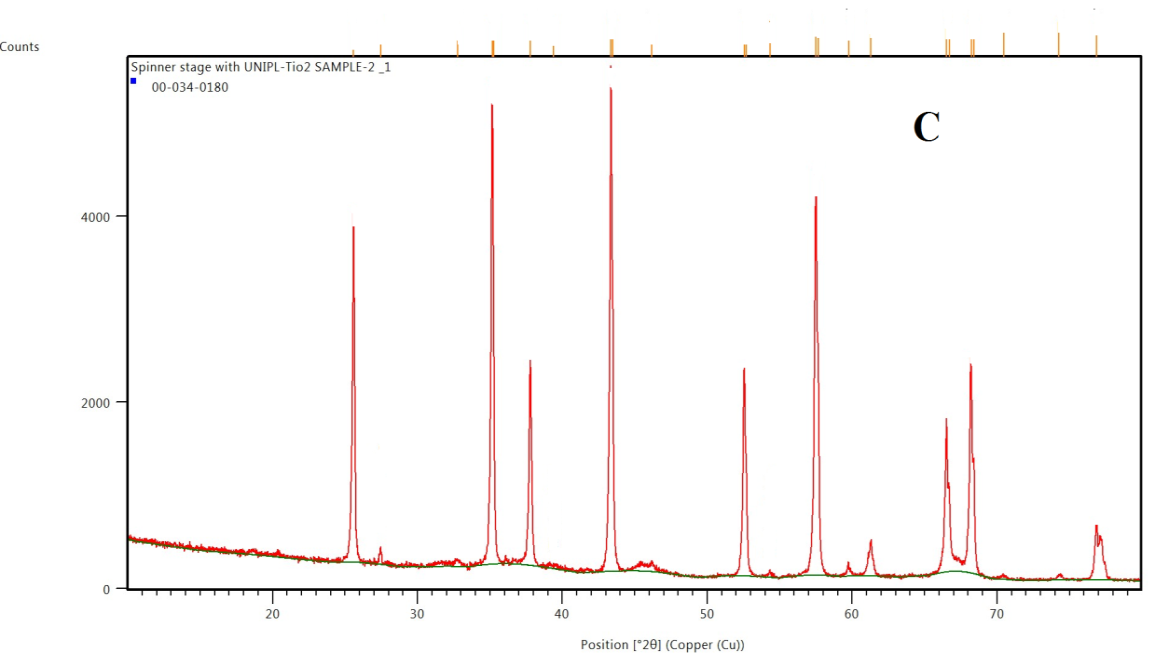
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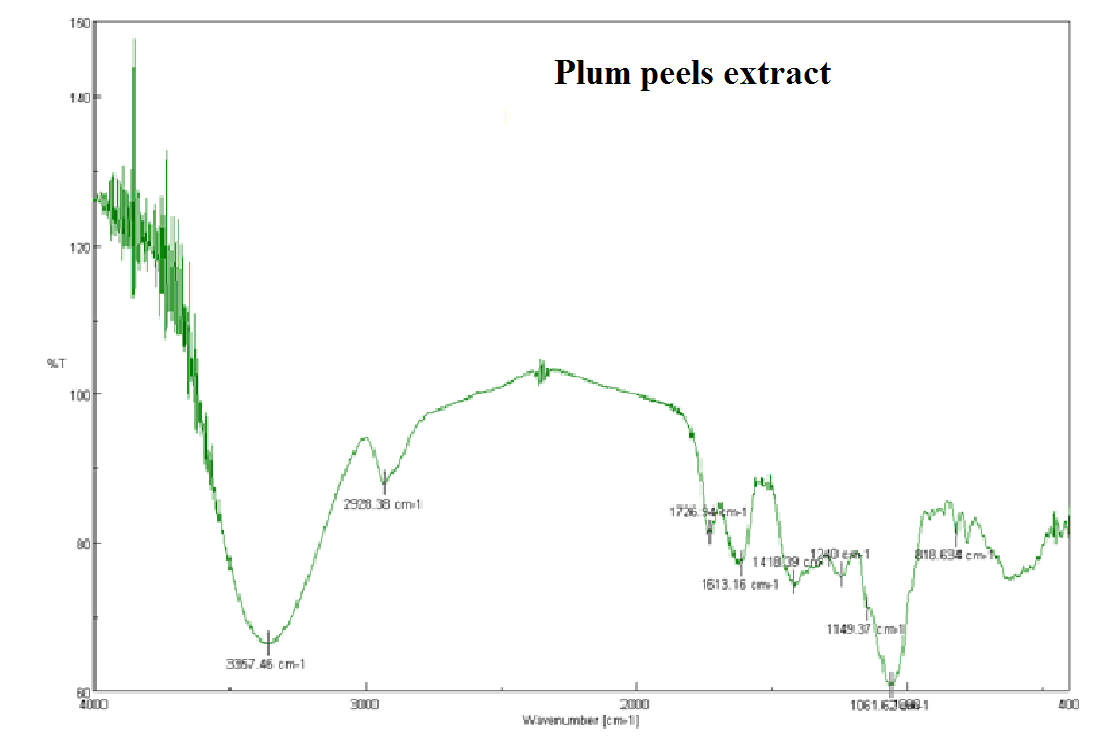
**Figure 1S.** XRD pattern of biosynthesized TiO2 NPs from (A) Plum, (B) Kiwi and (C) Peach peels extract

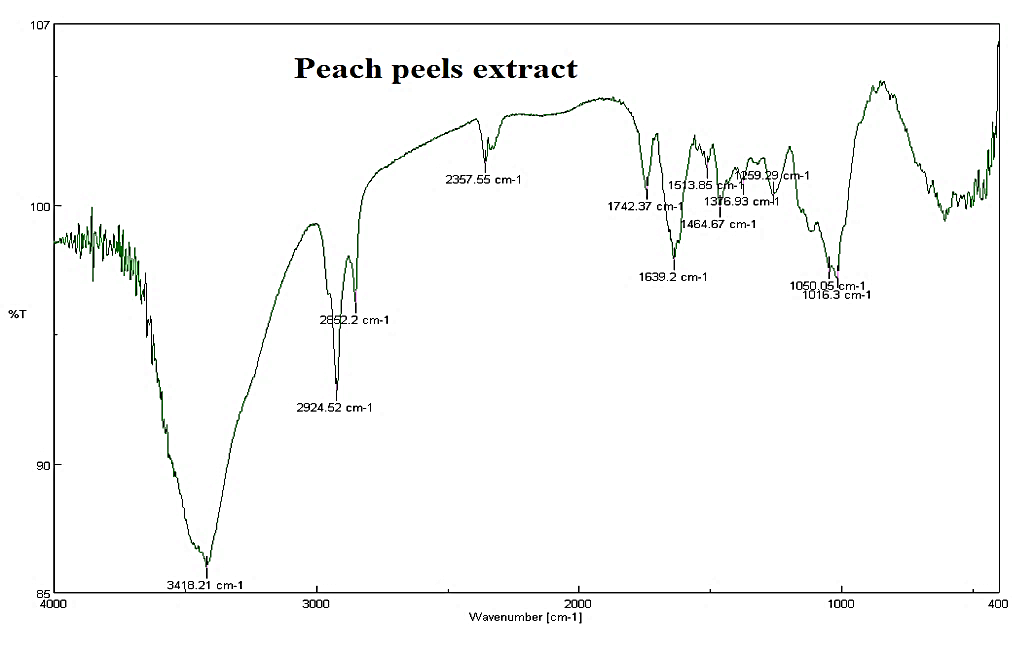
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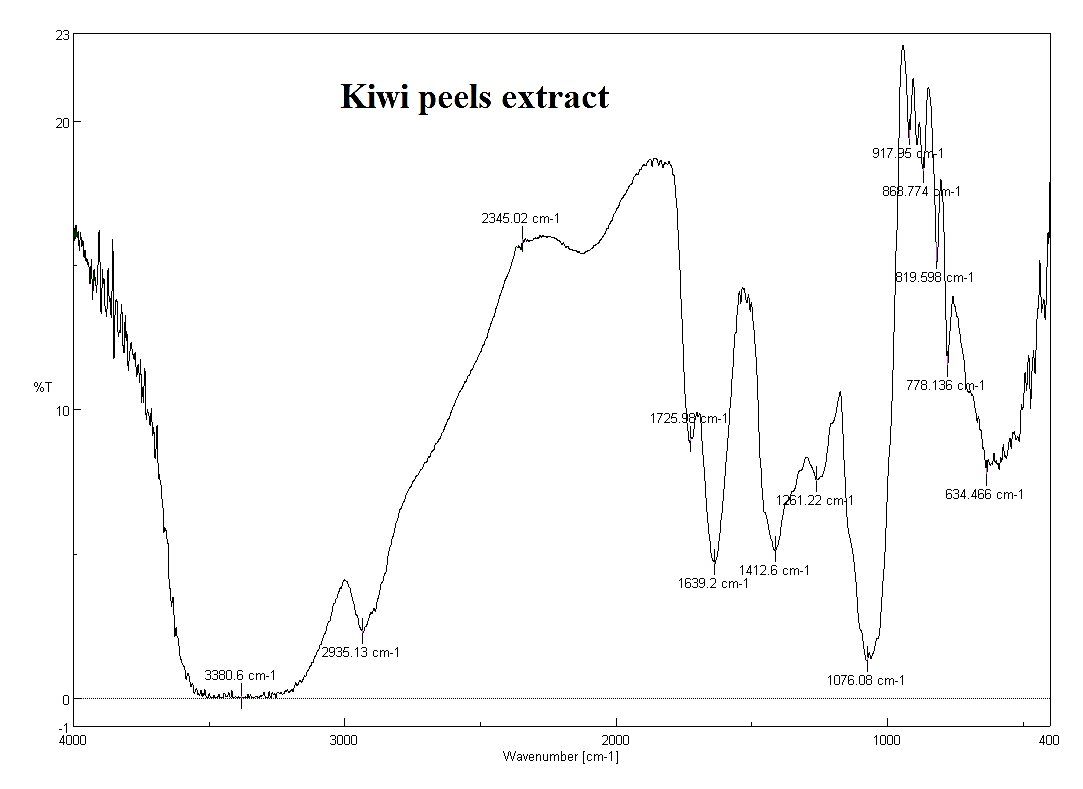
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**Figure 2S.** FT IR pattern of biosynthesized TiO2 NPs from (A) Plum, (B) Kiwi and (C) Peach peels extract







**Figure 3S.** FT-IR values of fruits peel extract